U.S. NAVY INTERNATIONAL TRAINING & EDUCATION CATALOG

2012

NAVAL EDUCATION & TRAINING SECURITY ASSISTANCE FIELD ACTIVITY

Effective 01 Mar 12

This catalog contains many sources of U.S. Navy Security Assistance including, in some cases, estimated costs ad specific purchasing data. These specifics are included only to assist the requestors in long-range planning and budgeting. This report does not constitute a promise, implied or actual, to supply U.S. Security Assistance; it only provides information which requestors may use to make inquiries through prescribed, official U.S. Navy Security Assistance channels (NETSAFA or Navy IPO).

Any request for assistance, while welcomed, is subject to some or all of the following restrictions:

a. Request must be official

b. There will be a charge for training or services. The exact cost will depend upon the laws and funding procedures in effect at the time of the request, and the nature of the request.

c. Information, training, or data on specific equipment or systems can only be provided if they have actually purchased or for which a Letter of Offer and Acceptance (LOA) has been signed.

d. Requests for classified data are subject to proper disclosure authorization; therefore, such requests may be denied in whole or in part.

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LETTER OF PROMULGATION

The Naval Education and Training Security Assistance Field Activity (NETSAFA) is providing this catalog to you as an aid to planning and programming Navy training. It is not intended as a stand-alone document but as a tool for use in working with the respective NETSAFA Country Program Manager responsible for your region and supporting your programs. The NETSAFA Strategic Plan calls for us to do our part in projecting the Navy vision as defined in The Cooperative Maritime Strategy for 21st Century Seapower (CS21) through our support of the Security Assistance and Security Cooperation Programs, as authorized by the Foreign Assistance and the Arms Export Control Acts. Our mission is to develop, execute and manage Security Assistance and Security Cooperation Education and Training programs in support of your endeavors in your position as the front line interface with our allies and friends. We are committed to strengthening defense relationships and building partner capacity and capability while carrying out our mutual security interests and U.S. foreign policy. We are dedicated to helping you meet the challenges and changes of Security Assistance and Security Cooperation in an era of defense downsizing, changing threats, increased overseas competition, congressional interest, and new information technology.

Our goal, of which this catalog is a physical part, is to provide you with the right information at the right time to empower us (you and NETSAFA) to improve the quality, speed and reliability of our services.

It is in this spirit of providing you with the best possible information in a timely manner that we provide this updated catalog. We welcome your inputs for proposed changes: in writing, by telephone, by e-mail, or any other means.

DOUGLAS E. HEADY
Commanding Officer

INTRODUCTION

NETSAFA is the U.S. Navy's agent for international education and training. We coordinate training support to international governments and international organizations. As a field activity of the Naval Education and Training Command (NETC), we serve as a focal point for all security assistance training program issues, coordination and advice within the U.S. Navy. NETC's training responsibility includes recruit training, specialized skills training, pre-commissioning training for officers, warfare specialty training, and fleet individual and team training.

NETSAFA is an integral part of Navy International Programs Office (Navy IPO), therefore we work with and through the Navy IPO chain of command. We are responsible for customer training support first and foremost and we will work to assure the best training support for our customers through Navy, other government institution and organizations, and private industry.

HOW TO REQUEST NAVY TRAINING

1. Initial country program requests for Navy training should be presented at the annual Security Cooperation Education and Training Working Groups (SCETWG) sponsored by the Unified Commands. This allows advance planning and maximum flexibility to accommodate country requests.

2. The Navy will make every effort to accommodate country requirements as long as space is available in the course requested.

3. Requests for out of cycle training and changes to training programs should be addressed to the appropriate NETSAFA Country Program Manager. Messages, phone calls, fax, and e-mail are acceptable. These requests should include course title, location, MASL number, grade of student to attend, and funding/programming information.

4. Host Nations can view and search on-line for all services training available using the I-SANweb. An I-SANweb account for the Host Nation may be obtained by the Security Cooperation Officer (SCO). Additionally, this catalog is available online at the NETSAFA website at https://www.netsafa.navy.mil.

CLASSIFIED TRAINING

The Navy Foreign Disclosure Manual requires a disclosure determination by NAVY IPO's Technology Assessment, Exchanges and Disclosure Division prior to foreign participation in all classified courses. This must be done prior to scheduling or confirmation for course attendance.

Classified training is provided on a need to know basis only. All requests for courses not previously attended by the country must include justification; i.e., explanation of circumstances and facts supporting the request.

Approval of foreign nationals for training in classified technical training courses that pertain primarily to the operation and maintenance of a U.S. item will not be authorized unless the government concerned either 1) has the item in its inventory; or, 2) has signed a commitment to purchase the equipment.

Paragraph 21003 of the Navy Foreign Disclosure Manual outlines the procedures for classified training disclosure reviews.

TRAINING CANCELLATION FEE POLICY

A 50 percent cancellation penalty will be applied for all courses cancelled within 60 days of the course start date.

Additional cancellation penalties may be assessed as follows:

Following is the FY-12 list of courses that will always incur a 100 percent penalty fee once a contract is let or a quota is confirmed, unless quota is filled by another student or waived by the Military Department. Unless otherwise stated, contract supported courses establish contracts at least 90 days prior to the course convening date.

MASL Course Title
P122060 INTL EOD PHASE I
P123300 INTL EOD PHASE II
P123301 INTL EOD PHASE II NAVY
P156600 BUDGET PREPARATION, EXECUTION AND ACCOUNTABILITY (BPEA)
P159200 DEFENSE ACQUISITION MANAGEMENT
P159202 PRINCIPLES OF DEFENSE PROCUREMENT AND CONTRACTING
P162000 RISK MANAGEMENT
P162003 INTERNATIONAL DEFENSE MANAGEMENT COURSE (IDMC)
P162004 SENIOR INTERNATIONAL DEFENSE MANAGEMENT COURSE (SIDMC)
P162011 STREAMLINING GOVERNMENT
P162012 MULTI-CRITERIA DECISION MAKING (MCDM)
P162226 INTERNATIONAL LEADERSHIP AND MANAGEMENT SEMINAR (USCG)
P162285 INTERNATIONAL CRISIS COMMAND AND CONTROL (USCG)
P162368 INTERNATIONAL SHIPYARD MANAGEMENT
P170001 EXECUTIVE COURSE ON DEFENSE DECISION MAKING
P170010 INTERNATIONAL MARITIME SENIOR OFFICERS COURSE (USCG)
P171404 INTELLIGENCE AND POLICY
P170016 EXPLORING THE PEACE OPS SPECTRUM: MANAGING TRANSITION TO SECURE A SUSTAINABLE PEACE
P171039 INTERNATIONAL PROFESSIONAL ENLISTED LEADERSHIP (IPEL)
P171406 INTERNATIONAL DEFENSE TRANSFORMATION
P171575 INTERNATIONAL MARITIME OFFICER'S COURSE (IMOC) (USCG)
P173002 INTERNATIONAL ANTI-TERRORISM/PIRACY COURSE (IATP)
P173101 BOARDING OFFICER (USCG)
P176017 STABILITY OPERATIONS: LEGAL ASPECTS OF ROE/RUF AFGHANISTAN (SOLARA)
P176019 MILITARY AND PEACEKEEPING OPS IAW THE RULE OF LAW (PKRL) Law of Armed Conflict and Human Rights (LCHR)
P176026 INTERNATIONAL MILITARY LAW DEVELOPMENT PROGRAM (MLDP-I)
P176027 INTERNATIONAL LAW OF MILITARY OPERATIONS (ILOMO)
P176028 LEGAL ASPECTS OF COMBATING TERRORISM (LCT)
P176029 INTERNATIONAL MILITARY LAW DEVELOPMENT PROGRAM-ILOMO (MLDP-ILOMO-II)

P176040 LEGAL ASPECTS OF COMBATING CORRUPTION (LCC)
P179018 CIV-MIL RESP TO TERRORISM
P179022 MARITIME TERRORISM
P179023 GPOI UN CMCOORD COURSE
P179045 GPOI UNITED NATIONS STAFF OFFICERS COURSE (UNSOC)
P179047 GPOI UNITED NATIONS LOGISTICS OFFICERS COURSE
P179069 INTERNATIONAL DEFENSE ACQUISITION NEGOTIATIONS
P179085 GPOI PEACEKEEPING OPOERATIONS CONTINGENT COMMANDERS' COURSE
P179204 MANPOWER, PERSONNEL, TRAINING AND EDUCATION MANAGEMENT (MPT&E)
P179220 TECHNOLOGIES FOR INFORMATION OPERATIONS
P273011 CIV-MIL RESPONSES TO TERRORISM (REGIONAL)
P309069 CIV-MIL RESPONSES TO TERRORISM (BI-LATERAL)
P366CS8 NITC CONTRACTOR SUPPORT
Various Address Code SWE (NAVUNSEAWARCENDIV Keyport) (U.S. Navy)
Various Address Code WSE (NAVSURFWARCEN Port Hueneme) (U.S. Navy)

There are other courses where a penalty fee will apply. In those cases, the customer will be informed up front, either when P&A data is provided, with a note in the LOA, or in correspondence dealing with scheduling. These courses generally fall into three categories:

a. Training where a contract must be in place prior to student arrival. This is most likely to happen during ship transfers or aircraft sales where regular U.S. training is not available or when U.S. Military instructors are not available. This also occurs when courses use contract instructors and administrative support.

b. Training that incurs up-front costs prior to actual commencement of training. Examples would be: Changes to computer programs (such as, aviation training where computer software must be changed or modified in either the aircraft or the simulator or both) and up front translation cost or tailoring of course material to meet a specific country requirement.

c. High cost/high demand courses. When a country cancels a quota that requires excessive lead time therefore preventing any other student to fill the quota; total or partial course costs may be assessed regardless of the number of days notice prior to course convening. Cancellation fee assessment will be at the discretion of the MILDEP.

Many of the expanded IMET mobile education teams (MET) and all mobile training teams (MTTs) programmed through DON fall into category b. above. A cancelled MET or MTT will be charged 100 percent of the variable preparation costs that may have been incurred prior to the time of cancellation (i.e. travel, per diem, honorariums, course preparation, translation and print costs, miscellaneous trip preparation costs, in-country site costs, and salary costs for preparation and conduct of the MET. MET providers will detail such expenditures and notify NETSAFA. NETSAFA will review and charge to appropriate country IMET account. Questions concerning appropriateness of charges should be forwarded via NETSAFA to Navy IPO (IPO-02C2T).

Cancellation penalty will not be applied when cancellation is due to (1) decisions by the U.S. such as deletion or rescheduling of classes, (2) significant unavoidable circumstances affecting the armed forces within a country such as a national disaster, or (3) personnel required to support the global war on terrorism.

Penalty fees will be programmed for applicable courses and will be designated by an "s" in the WCN suffix to indicate that a penalty fee was charged for the training line.

PROFESSIONAL MILITARY EDUCATION COURSES

Positions of higher responsibility require an education that broadens an officer's background from strictly his/her service and military knowledge to joint combined operations, economic and political considerations, and the political decision making process. The courses listed in this section are designed to provide this education.

In the U.S. Navy education continuum, mid-career officers earn Phase I of their Joint Professional Military Education (JPME) by attending an intermediate level service school (such as the Naval Staff College for International Naval Officers). Phase II of their JPME training is the Joint and Combined Staff Officer School at the Joint Forces Staff College. More senior officers attend Top Level Schools (such as the Naval Command College for International Naval Officers). These courses are described below:

NAVAL WAR COLLEGE (www.nwc.navy.mil)

I. NAVAL COMMAND COLLEGE

The Naval Command College is a graduate level international program designed for senior naval officers. The mission of the Naval Command College is to enable specially selected senior international naval officers to develop skills in national security decision making, build strategy and policy analytical frameworks, and gain expertise in joint war-fighting doctrine, to provide a quality informational program to increase understanding of U.S. institutions and society, to foster friendship and cooperation, and to prepare these officers for higher command responsibilities and increase cooperation among navies of the world in order to foster peaceful use of the seas, diffuse crises, and when necessary, work together to fight and win our nation's wars. To enhance this understanding, it is equally important that senior international naval officers achieve a balanced understanding of the United States' society and the inner strengths of America. As a result, the program includes informational visits to business and financial organizations, industrial complexes, education institutions, governmental agencies as well as military facilities throughout the United States.

Naval Command College (P171001): The Naval Command College course is conducted once annually and is open to Navy officers, grades 0-5 and 0-6 (Commanders and Captains). This program is segregated from its U.S. counterpart; however, the academic programs are almost identical insofar as disclosure restrictions allow. Students pursue the prescribed studies in Policy and Strategy, Defense Economics, Decision Making, and Naval Operations. They follow the same basic schedule and are integrated into the seminars and lectures of their U.S. counterparts. On an optional basis they may participate in the Electives Program. Their studies differ only in the addition of a preliminary orientation study and series of field trips designed to familiarize them with U.S. Navy organization, methods, and doctrines, as well as the government, economy, culture and geography of the United States.

II. NAVAL STAFF COLLEGE

The Naval Staff College (NSC) is a graduate level international program, designed for mid-career naval officers, which is vital in expanding understanding and cooperation among the world's navies. As coalition forces are increasingly summoned to respond to conflicts and promote peace around the world, the role of NSC gains significance. The Naval War College's academic departments have adapted course studies to reflect the mission confronting the naval forces of today. For example, the course incorporates studies of security assistance, combating terrorism, insurgency and counterinsurgency, low intensity conflict, multilateral peacekeeping, human rights, and drug control and interdiction. The course provides its students who are the future leaders in their respective navies with a unique and unmatched opportunity to come together as a team to gain a respect and appreciation of other cultures, and provides a place for individual professional study in order to realize each student's potential.

Naval Staff College-10 Month (P171010): The Naval Staff College 10-month course (NSC-10) is conducted annually, commencing in July, and is open to Naval, Coast Guard or Maritime Service officers, grades 0-3 and 0-4 (senior Lieutenants and Lieutenant Commanders). This program is a separate resident college within the U.S. Naval War College; however, the academic programs of NSC-10 and its U.S. counterpart, the College of Naval Command & Staff, are almost identical insofar as disclosure restrictions allow.

Students pursue the prescribed studies over three trimesters in Strategy and Policy, National Security Decision Making, and Joint Military Operations. They follow the same basic schedule and are integrated into the seminars and lectures of their U.S. counterparts. On an optional basis they may participate in the Electives Program during two trimesters. Their studies differ from their U.S. counterparts in the addition of a preliminary orientation study, a course in Operational Law conducted during one trimester, and a series of Curriculum Field Trips/Informational Program Visits designed to familiarize them with U.S. Navy organization, methods, and doctrines, as well as the government, economy, culture and geography of the United States.

Naval Staff College-5½ Month (P171002): The Naval Staff College five and one-half month course (NSC 5.5) is conducted annually in the fiscal year second quarter, commencing in January, and is open to Naval, Coast Guard or Maritime Service officers, grades 0-3 and 0-4 (senior Lieutenants and Lieutenant Commanders).

The program is a condensed version of the ten-month U.S. College of Naval Command and Staff/Naval Staff College ten-month programs. It includes studies in Strategy and Policy, National Security Decision Making, Joint Military Operations, and Operational Law. They will also participate in one academic elective of their choosing during their course of study. Although the students follow a completely independent academic program and schedule from their U.S. counterparts, they have the opportunity to attend lectures presented to the other resident NWC colleges and participate in the War College's cultural and recreational events as their schedule

allows. In addition, students will have a preliminary orientation study, and a series of Curriculum Field Trips/Informational Program Visits designed to familiarize them with U.S. Navy organization, methods, and doctrines, as well as the government, economy, culture and geography of the United States.

III. NAVAL WAR COLLEGE CD-ROM BASED CORRESPONDENCE PROGRAM

The Naval War College correspondence course program is open to military officers who otherwise would not be eligible to attend the Naval Command College. A maximum of six international officers may be enrolled at one time. Fluency in the English language is required. Extensive reading and writing requirements is associated with each course. The program employs a substantial number of video and audio lectures to help officers complete the course requirements by highlighting key thematic points essential to understanding the material. The estimated time it will take an officer is 16-18 months to complete the program based upon a commitment of 4-6 hours per week.

Internet access is not required since the course material is distributed via CD-ROM. Students will submit written assignments by means of e-mail, fax, or the postal system as appropriate to individual situations. Faculty will assess them and provide individual feedback. The individual courses are described below:

Strategy and Policy (S&P) (P171490): The S&P course provides students the opportunity to examine national policy questions and related strategic problems from selected periods of history. The study is undertaken in sufficient depth to understand the complexities of the issues and factors involved in the past and will assist the student in arriving at sound decisions by applying historic example, logic and thought to the complex problems of today and the future.

National Security Decision-Making (NSDM) (P171491): The NSDM course is designed to educate students in the effective selection and leadership of armed forces within the constraints of national resources. The course provides instruction in the strategic planning and selection of future military forces; systematic techniques for making programmatic choices under conditions of high uncertainty; and the nature of economic, political and organizational factors that affect the selection and command of military forces and employs a multi-discipline approach, synthesizing selected concepts from economics, political science, strategy, operations research, leadership, management control, and other related disciplines.

Joint Military Operations (JMO) (P171492): The JMO course is designed to improve student awareness of naval force employment decision factors. The course considers principles of war, international law, naval missions and functions, current platforms and systems, and planning. A series of tactical case studies is included to exercise tactical decision making.

IV. NAVAL WAR COLLEGE QUOTA PROCEDURES

Attendance for residence courses is only by invitation extended from the Chief of Naval Operations. Since facilities are limited and to ensure an equitable representation of nationalities in the College, only one student is accepted from each country that receives an invitation and responds in a timely manner.

JOINT FORCES STAFF COLLEGE (www.jfsc.ndu.edu)

The Joint Forces Staff College (JFSC) is a joint educational institution and part of the National Defense University. JFSC offers a variety of courses in joint and combined warfare designed to educate military officers and other national security leaders in joint, multinational, and interagency operational-level planning and warfighting, to instill a primary commitment to joint, multinational, and interagency teamwork, attitudes, and perspectives. Graduates are expected to function as action officers and planners on a combatant command, joint or combined staffs, and significantly contribute to the development of comprehensive plans and effective execution across the range of military operations. Student quotas are established by the Joint Staff (JS) and IMS quotas are administered by NETSAFA.

Joint and Combined Warfighting School (JCWS) (P171014) The JCWS Curriculum is designed to provide our students with an opportunity to experience all of the plans and operational challenges that a Joint Specialty Officer should anticipate over a three-year joint duty assignment—from Joint Staff to a Joint Task Force and Service Component Staff. Lessons progress through the contingency planning cycle, punctuated with numerous crisis action planning opportunities. Students' skills are developed working as part of the fictitious US Africa Command joint planning group and different joint boards and centers.

JCWS educates O-4s through O-6s in the art and science of joint, interagency, and multinational planning and warfighting primarily at the operational level of war as directed by the Chairman of the Joint Chiefs of Staff (CJCS) Officer Professional Military Education Policy. Students will be organized into 13-15 seminars with 16-20 students in each seminar. The seminars consist of officers from all services, SOF, International Officers, and occasionally, defense agency and interagency civilians. Students are assigned to seminars with the intent to provide an optimum mix of Service, grade, experience, specialty, and expected follow-on assignment potential.

PROFESSIONAL MILITARY EDUCATION COURSES

The faculty of the Joint Combined Warfighting School (JCWS) consists of O-4s to O-6s from all Services with joint experience and civilian instructors/professors. In addition to this highly qualified staff, students have multiple occasions to meet and discuss issues with active and retired flag/general officers and Ambassadors. These retired flag/general officers and Ambassadors (Senior Fellows) are an integral part of the seminar and are a key element of the learning experience. Additionally, the school employs several distinguished academics and a variety of subject matter experts throughout the course in the role of guest speaker and as a participant in seminar forums, formally and informally.

Entrance requirements for JCWS are:

- O-4 to O-6 equivalent
- English Comprehension Level (ECL) exam score of 80
    - Specialized English Language Training (MASL D177008) advised
- Assigned or enroute to a joint duty assignment or equivalent
- Graduate of resident U.S. Service College or JPME Phase I equivalent international program approved by the CJCS

Joint Transition Course (JTC) (MASL P171016) This is a one-week course that is a prerequisite course for all international officers prior to attending JCWS except for those students coming directly from a U.S. Service school such as Naval Staff College, Newport, Rhode Island.

The objective of this course is for each student to gain awareness of the organizations, agencies and processes associated with the United States strategic planning environment. This course familiarizes students with JPME I curriculum and prepares them for attendance at the JFSC course of instruction. Participants have subjects such as Operational Art, Information Operations, and the key components of Contingency and Crisis Action Planning associated with the Joint Operation Planning and Execution System (JOPES) introduced during this course of instruction.

JOINT INTERAGENCY MULTI-NAT PLANNERS COURSE (JIMPC) (MASL P171032) The JIMPC is a five-day, 40-hour, forum for government personnel (military and civilian) along with international partners at the O4-O6 level (or civilian equivalent) to engage in a 25-person seminar, which includes 5 International quotas, that examines the planning skills necessary to more fully enable planners assigned to a combatant commander in answering the challenges of coherent interagency coordination when planning complex contingency operations and military support to Stability, Security, Transition and Reconstruction (SSTR) Operations. The course initially frames the strategic environment that faces this nation and our allies as we transform organizations and processes to more effectively answer the challenges of current defense planning scenarios. The seminar will examine the Ends, Ways and Means of present strategy by requiring participants to articulate national policy themes in answering a deteriorating and destabilizing situation

taking place with an international partner. In addition to gaining an appreciation of the dynamics of strategic guidance, the seminar will examine the transforming processes in development that are designed to bring more coherence to our planning efforts. Next the course focuses on the various players and their respective agencies in this complex environment. The foregoing lays the foundation for participants to interact in a final planning simulation that will be reviewed by a senior mentor. JIMPC is conducted in a dynamic seminar environment, using informal lectures, guided discussions, guest presentations by subject matter experts as well as case studies to examine the adaptive planning processes as they pertain to interagency coordination and complex contingency operations. This provides a common framework and a shared understanding on how best to implement the various instruments of power in answering strategic challenges. The capstone of the course is a multiple-scenario, computer-assisted exercise COHERENT KLUGE, which enables participants the opportunity to work within a model which simulates a Joint Inter-Agency Coordination Group (JIACG) as it advises the unified commander.

Prerequisite - JT/COMB WARFIGHT (P171014)
ECL - 80

Quota Procedures for the Joint Forces Staff College programs:

NETSAFA coordinates the allocation of quotas assigned to IMSs for JFSC programs. Quota allocation for these highly sought after seats is a little different than with other educational programs in that the individual student must meet entrance requirements before a firm commitment is made to confirm the quota.

Important: JFSC is offered once each quarter. NETSAFA will coordinate to program and/or confirm the country first come first served qualified student. Joint Forces Staff College will secure a position in class once a qualified candidate has been identified and met entrance requirements.

The following information should be forwarded to NETSAFA with information copy to the Joint Forces Staff College at least 90 days prior to class convening:

- Name and rank
- Future assignment, if known
- Service college and dates attended
- Justification for non-United States or equivalent resident service, to include course title, location, length, major topics and semester hours, and additional information as available. See list below for equivalent intermediate level resident colleges.

OR

PROFESSIONAL MILITARY EDUCATION COURSES

Justification and a complete biography on the candidate is required if not previously attended intermediate or senior level resident service college, to include past and/or expected joint, combined or allied assignments (waivers may be requested for international students who have not attended a U.S. Service School or an equivalent school as defined by CJCS, based on military experience and other education after receipt of information supporting their qualifications).

Equivalent international program approved by the CJCS include international War Colleges, Command and Staff Colleges, Defense Colleges.

Important: JFSC will secure a position in class once student's name has been provided. A quota will not be actually confirmed until student meets entrance requirements and a quota is available. However, if no name is submitted six weeks prior to class start date, that quota will no longer be available to International Students due to the increased requirements within U.S. military services.

Equivalent intermediate level service colleges include:

Argentine Naval War College
Argentine Air Command and Staff College
Argentine Command and Staff College
Australian Command and Staff College
Belgian Command and Staff College
Brazilian Air Force Command and Staff College
Brazilian Army Command and Staff College
Brazilian Naval War College, Command and Staff Course
Canadian Forces Command and Staff College
Chilean Naval War College
Chilean Air Force Air War College (ACSC Equiv)
Cours Superieur d'Etat Major (C.S.E.M.)
Finnish National Defense College
French College Interarmees de Defense (C.I.D.)
German General Staff /Adm Staff College (Fuehrungsakademie)
German Armed Forces Staff College
Hellenic Air War College
Japanese Command and Staff College
Republic of Korea Air Command and Staff Course
Norwegian Armed Forces Staff College
Norwegian Army Staff College
Peruvian Air Command Staff College
Royal British Air Force Staff College
Royal (British) Joint Services Command and Staff College
Royal Australian Joint Staff College
Royal Australian Air Force Staff College
Royal Thai Air Force Command and Staff College
Singapore Command and Staff College
South African Naval Command and Staff College
Spanish Armed Forces Joint Staff and Command Course
Spanish Escuela de Estado Mayor
Spanish Naval War College
Spanish Joint Command and Staff College
Sweden National Defense College

PROFESSIONAL MILITARY EDUCATION COURSES

Hellenic Army War College
India Defense Service Staff College
Irish Command Staff College
Italian Joint War College
Italian Scoula di Guerra (War College Superior Course)
Japanese Maritime Self Defense Forces Staff College
Japanese Ground Self Defense Forces Staff College
Swiss Military College
United Kingdom Advance Command and Staff Course
United Kingdom Joint Service Command and Staff College
United States Army School of the Americas (WHICS)
Uruguay Naval War College
Venezuelan Air Force Command and Staff College
Venezuelan Naval War College

PROFESSIONAL MILITARY EDUCATION COURSES

NAVAL POSTGRADUATE SCHOOL (www.nps.edu)

The Naval Postgraduate School (NPS), founded in 1909, is a fully accredited university offering over 40 unique academic masters curricula to military and civilian members of the Department of Defense and allies around the world. These graduate level programs are focused on increasing the combat effectiveness of U.S. and allied armed forces, and fully support the unique needs and interests of the defense establishment. All programs contain a military application and are not duplicated at civilian colleges and universities. The uniqueness of NPS is further enhanced by an outstanding civilian faculty (98% with PhD's), and a motivated and talented joint student body representing all services. Each curriculum has a military sponsor (flag or general officer) who reviews course content with NPS faculty and military program officers every two years, thus enabling NPS to change and adjust courses to rapidly meet the current needs of the fleet and operating forces.

Current international student enrollment includes 225 students from 49 countries. More significantly, over 30% of these students are enrolled in EXPANDED INTERNATIONAL MILITARY EDUCATION AND TRAINING (EIMET) certified programs, to include Civil Military Relations and International Security, Stabilization and Reconstruction Studies, Defense Decision Making, and Resource Management.

The Naval Postgraduate School is firmly committed to international education. Over and above the benefits of the education and research programs is the valuable exchange of military perspectives that occurs within NPS's unique academic environment. Many NPS graduates have gone on to achieve flag and general officer rank, and have assumed positions of prominence in their militaries, governments, and industry.

Quota Procedures:

NETSAFA will program a country's desired courses under the proper security assistance program. SCOs must then forward candidate's transcripts and Test of English as a Foreign Language (TOEFL) results (if candidate is from a non-English speaking country) directly to the Naval Postgraduate School for evaluation.

TOEFL: International candidates from non-English speaking countries will be required to validate their fluency in English through the TOEFL. A minimum TOEFL score of 83 Internet Based Test (IBT) is required for direct entry. Candidates for PhD programs or accelerated programs are required to score a minimum of 100 on the IBT. Waivers will be considered on a case by case basis for scores between 90 and 100 based on the overall application package. For candidates applying for entry into the Department of National Security Affairs, an IBT score of 90 is required. TOEFL test results are valid for two years from the test date. The only

countries exempted from TOEFL testing are those countries that are exempted from all ECL testing requirements as determined by the Defense Security Cooperation Agency (DSCA).

Transcripts and TOEFL scores may be mailed or faxed to the following:

Naval Postgraduate School
International Programs, Room B-047
1 University Circle
Monterey, CA 93943-5027

Telephone Commercial (831) 656-2186 DSN 756-2186

Fax Commercial (831) 656-3064; DSN 756-3064

The School offers a wide range of programs specifically tailored to impart knowledge in scientific, engineering, operational, management, and national security affairs disciplines as shown in the attached documents. Additional details as well as course catalogs can be obtained on the Naval Postgraduate School's website at www.nps.edu.

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P170002	262 - HUMAN SYSTEMS INTEGRATION (HSI) CERTIFICATE DL **REMARKS:** Distance Learning	4	JUN Only	52
P170006	245 - DEFENSE PLANNING CERTIFICATE **REMARKS:**	1	JUN	13
P170007	INTERNATIONAL MASTERS IN PUBLIC ADMINISTRATION **REMARKS:** 4 qtr program; 1 in country/3 at NPS. Geneva - Sep/NPS Jan; Bahrain - Dec/NPS Apr; maybe Singapore - Oct/NPS Jan	4		52
P170008 (C) P471008 (OC)	265 - MODELING & SIMULATION MANAGEMENT DL **REMARKS:** Distance Learning	3	Any QTR chosen by sponsor	39
P170012 (C) P471012 (OC)	292 - ELECTRONIC WARFARE ENGINEERING CERTIFICATE DL **REMARKS:** Distance Learning	3	SEP	39
P170013 (C) P471013 (OC)	293 - JOURNEYMAN EW ENGINEER CERTIFICATE DL **REMARKS:** Distance Learning	3	SEP	39

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P170014 (C) P471014 (OC)	294 - SENIOR EW ENGINEER CERTIFICATE DL **REMARKS:** Distance Learning	3	SEP	39
P170015 (C) P471015 (OC)	592 - MS OF ENG IN ELECTRICAL ENG, MEng (EE), ELECTRONIC WARFARE FOCUS DL **REMARKS:** Distance Learning	9	SEP	117
P170020 (C) P471020 (OC)	311 - SYSTEMS ENGINEERING DL **REMARKS:** Distance Learning	8	Any QTR	104
P170021 (C) P471021 (OC)	282 - SYSTEMS ENGINEERING CERTIFICATE DL **REMARKS:** Distance Learning	4	MAR/SEP	52
P170205 (C) P471205 (OC)	316 - SPACE SYSTEMS OPERATION DL **REMARKS:** Distance Learning	8	SEP	104
P170206 (C) P471206 (OC)	357 - COMPUTING TECHNOLOGY DL **REMARKS:** Distance Learning	16	DEC/JUN	208
P170207 (C) P471207 (OC)	363 - SYSTEMS ANALYSIS (MSA) **REMARKS:** Distance Learning	8	MAR/SEP	104
P170208 (C) P471028 (OC)	835 - CONTRACT MANAGEMENT –DL **REMARKS:** Distance Learning	8	Any - depending on cohort availability	104
P170209 (C) P471209 (OC)	836 - PROGRAM MANAGEMENT - DL **REMARKS:** Distance Learning	8	Any - depending on cohort availability	104
P170210 (C) P471210 (OC)	271 - INFORMATION SYSTEMS AND OPERATIONS (ISO) CERTIFICATE **REMARKS:** Distance Learning	4	Any QTR	52
P170211 (C) P471211 (OC)	272 - INFORMATIONS SYSTEMS TECHNOLOGY CERTIFICATE **REMARKS:** Distance Learning	4	Any QTR	52
P170212 (C) P471212 (OC)	805 - EXEC MASTER OF BUSINESS (DEFENSE FOCUS - DL) **REMARKS:**	8	MAR/SEP	104

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P170213 (C) P471213 (OC)	273 - SPACE SYSTEMS CERTIFICATE **REMARKS:** Distance Learning	4	Any QTR	52
P170214 (C) P471214 (OC)	274 - ANTI-SUBMARINE WARFARE CERTIFICATE PROGRAM (ASW) DL **REMARKS:** Distance Learning	4	APR - contact Program Mgr	52
P170216 (C) P471216 (OC)	281 - SYSTEMS ANALYSIS CERTIFICATE DL **REMARKS:** Distance Learning	4	MAR/SEP	52
P171403	685 - CIVIL MILITARY RELATIONS **REMARKS:**	6	DEC	65
P171854	USMC COMMAND AND STAFF COLLEGE REGIONAL SEMINAR CONUS **REMARKS:** Taken in conjunction with In-Residence Program. Needs to be a separate training line on ITO.	6	DEC/JUN	78
P173200	699 - SPECIAL OPNS/DEF ANALYSIS **REMARKS:**	6	DEC/JUN	78
P173201	693 - COMBATING TERRORISM POLICY & STRATEGY **REMARKS:**	6	SEP	65
P173401	694 - SECURITY STUDIES **REMARKS:** ENGR & PH D Courses	12	Any QTR	156
P174002	372 - METEOROLOGY **REMARKS:**	6	MAR/SEP	78
P174011	440 - OCEANOGRAPHY **REMARKS:**	6-8	DEC/JUN	104
P174012	440 - OCEANOGRAPHY PHD **REMARKS:** ENGR & PH D Courses	TBD	DEC/JUN	156/208
P174013	374 - OPERATIONAL OCEANOGRAPHY **REMARKS:**	8	DEC/JUN	104
P174015	308 - SYSTEMS/ENGINEERING and ANALYSIS (SEA) **REMARKS:**	8	JUN Only	104

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P174022 (C)	721 - SYSTEMS ENGINEERING MANAGEMENT (Product Development)	8	SEP	104
P174233	460 - ENGINEERING SCIENCE REFRESHER **REMARKS:** Refresher	1	Any	
P174235	373 - METEOROLOGY & PHYSICAL OCN **REMARKS:**	10	MAR/SEP	130
P174270	580 - SYSTEMS ENGINEERING **REMARKS:**	7	SEP	91
P176002	818 - DEFENSE SYSTEMS MANAGEMENT **REMARKS:**	6	DEC/JUN	78
P176007	474 - INFORMATION SCIENCES PHD **REMARKS:** ENGR & PH D Courses	12/16	Fall	144
P177712	590 - ELECTRONIC SYSTEMS ENGR **REMARKS:**	8	Any QTR	104
P177713	368 - COMPUTER SCIENCE **REMARKS:**	8	MAR/SEP	104
P177714	360 - OPERATIONS RESEARCH **REMARKS:**	7/8	MAR/SEP	
P177715	570 - NAVAL/MECHANICAL ENGR **REMARKS:**	8	MAR/SEP	104
P177721	590 - ELECTRONIC SYS ENGR ENGR **REMARKS:** ENGR & PH D Courses	8	Any QTR	156/208
P178023	460 - ENGINEERING SCIENCE REFRESHER **REMARKS:** Refresher	2	Any	
P179028	686 - STABILIZATON & RECONSTRUCTION **REMARKS:**	5	JUN	65

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P179029	687 - DEFENSE DECISION MAKING AND PLANNING **REMARKS:**	6	Any QTR	78
P179030	360 - OPERATIONS RESEARCH PHD **REMARKS:** ENGR & PH D Courses	12/16	MAR/SEP	156/208
P179031	681 - Regional Security Studies - Middle East, South Asia and Sub-Saharan Africa **REMARKS:**	6	DEC/JUN	78
P179032	682 - Regional Security Studies - Far East, Southeast Asia, and the Pacific **REMARKS:**	6	DEC/JUN	78
P179033	684 - Regional Security Studies - Europe and Eurasia **REMARKS:**	6	DEC/JUN	78
P179034	683 - Regional Securtiy Studies - Western Hemisphere **REMARKS:**	6	DEC/JUN	78
P179039	DEFENSE TECHNOLOGY & SYS **REMARKS:** 4 qtr in resident; 2 quarters in Singapore	4	DEC	52
P179042	698 - JOINT INFORMATION OPERATIONS **REMARKS:**	6	DEC/JUN	78
P179067	399 - MODELING OF VIRTUAL ENVIRONMENTS SIMULATION **REMARKS:**	8	SEP	104
P179068	399 - MODELING OF VIRTUAL ENVIRONMENTS SIMULATION PHD **REMARKS:** ENGR & PH D Courses	12	MAR/SEP	156
P179105	MANPOWER SYSTEMS ANALYSIS **REMARKS:**	7	JUN	91
P179107	362 - HUMAN SYSTEMS INTEGRATION **REMARKS:**	7	SEP	91
P179108	570 - MECHANICAL ENGR PHD **REMARKS:** ENGR & PH D Courses	8	MAR/JUN	156/208

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P179109	590 - ELECTRICAL ENGR PHD **REMARKS:** ENGR & PH D Courses	8	Any QTR	156/208
P179115	380 - APPLIED MATHEMATICS **REMARKS:**	8	JUN	104
P179127	837 - FINANCIAL MANAGEMENT **REMARKS:**	6	DEC/JUN	78
P179129	369 - SOFTWARE ENGINEERING **REMARKS:**	6	SEP	78
P179131	369 - SOFTWARE ENGINEERING PHD **REMARKS:** ENGR & PH D Courses	12	Any QTR	156/208
P179170	533 - UNDWTR ACOUSTICS PHD **REMARKS:** ENGR & PH D Courses	12/16	DEC/JUN	156/208
P179173	368 - COMPUTER SCIENCE PHD **REMARKS:** ENGR & PH D Courses	12/16	MAR/SEP	156/208
P179175	596 - ELECTRONIC WARFARE INT'L **REMARKS:**	8	SEP	104
P179176	372 - METEOROLOGY PH.D **REMARKS:** ENGR & PH D Courses	12/16	MAR/SEP	156/208
P179221	870 - INFORMATION SYSTEMS MGT MBA **REMARKS:**	6	DEC/JUN	78
P179222	595 - INFORMATION WARFARE **REMARKS:**	8	SEP	104
P179223	365 - CMD, CONTROL, COMM, COMPUTERS & INTELLIGENCE (C4i) **REMARKS:**	7	SEP	91
P179265	NON-DEGREE PROGRAM **REMARKS:** 4 Courses	1		

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P179266	NON-DEGREE PROGRAM **REMARKS:** 3 Courses	1		
P179267	NON-DEGREE PROGRAM **REMARKS:** 2 Courses	1		
P179268	NON-DEGREE PROGRAM **REMARKS:** 1 Course	1		
P179269	NON-DEGREE PROGRAM **REMARKS:** 8 Courses	2		
P179270	NON-DEGREE PROGRAM **REMARKS:** 12 Courses	3		
P179271	NON-DEGREE PROGRAM **REMARKS:** 16 Courses	4		
P179904	370 - INFORMATION SYSTEMS TECH **REMARKS:**	8	MAR/SEP	104
P179905	820 - RESOURCE PLANNING & MANAGEMENT FOR INTERNATIONALS **REMARKS:**	6	DEC	78
P179906	533 - COMBAT SYSTEMS **REMARKS:**	8	DEC/JUN	104
P179907	819 - SUPPLY CHAIN MANAGEMENT **REMARKS:**	6	DEC/JUN	78
P179908	815 - ACQUISITION & CONTRACT MGT **REMARKS:**	6	DEC/JUN	78
P179909	816 - SYSTEMS ACQUISITION MGT **REMARKS:**	7	DEC/JUN	91

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	CURRIC - COURSE TITLE	# QTRS	REPORT	WKS
P179910	364 - SPACE SYSTEMS INTERNATIONAL **REMARKS:**	8	SEP	104
P179911	526 - UNDERSEA WARFARE INTERNATIONAL **REMARKS:**	8	MAR/SEP	104
P179913	827 - MATERIAL LOGISTICS SUP MGT **REMARKS:**	6	DEC/JUN	78
P179918	361 - JOINT OPERATIONAL LOGISTICS **REMARKS:**	7	MAR/SEP	91

DEFENSE RESOURCES MANAGEMENT INSTITUTE (www.nps.edu/drmi/index.html)

The Defense Resources Management Institute (DRMI) is an educational institution sponsored and supervised by the Secretary of Defense and located at the Naval Postgraduate School in Monterey, California. Since 1965, the Institute has conducted professional education programs in analytical decision-making and resources management for military officers of all services, and senior civilian officials of the United States and 162 other countries. These programs are presented on a regularly scheduled basis at DRMI in Monterey, and by specific arrangement in other locations in the United States and overseas. The principal focus of all DRMI programs is developing an understanding and appreciation of the concepts, techniques, and decision-making skills related to defense resources management. The goal of the Institute's programs is to enhance the effective allocation and use of resources in modern defense organizations.

The central focus of all educational programs conducted by DRMI is analytical decision making. The emphasis is not on training in job-specific skills, but rather on the concepts, techniques, and issues that pervade defense resources management decision making in most mid-management through executive level positions. Each course provides a multi-disciplinary program which encourages participants to: Develop an understanding of concepts, principles, methods, and techniques drawn from: Management Theory -- examination of the current state of management thought and organized action; Economic Reasoning -- topics dealing with the basic tenet of scarcity of resources relative to competing needs and wants; and Quantitative Reasoning -- the basic language and analytic tools which are the foundation of modern decision theory. Students integrate these ideas into a systematic process for resources allocation decision making and effective resource utilization, and apply these concepts to illustrative examples of: Allocating, analyzing and evaluating management systems, programs, and policies; and maximizing benefits within existing resource constraints, or minimizing resource consumption to achieve a predetermined level of benefit.

Quota procedures: NETSAFA must first program a country’s desired course(s) under the proper Security Assistance program. Resident courses will be confirmed once dates are known. Quotas are normally readily available if proper notice is provided. MET dates will be confirmed after coordination and communication between the school and the SCO. NETSAFA must be kept notified during this process for planning and funding purposes.

PROFESSIONAL MILITARY EDUCATION COURSES

Course descriptions and prerequisites may be found in Section VII of this catalog. Further information may be found in the DRMI Catalog. Courses include:

MASL	Title	Days
P156600	BUDGET PREP EXEC & ACCT	10
P162000	RISK MANAGEMENT	8
P162002	DEF RES MGT CRS	25
P162003	INTL DEFENSE MGT CRS	73
P162004	SR INTERNATIONAL DEF MGT	26
P162012	MULTI-CRITERIA DECISION MK	12
P189009	OBS DRMI MONTEREY	5
P262000	MET DRMI (MIDMC) REGIONAL	12
P319015	MET TRAINING SURVEY-PDR	VAR
P319016	MET DRMI (MIDMC)	12

PROFESSIONAL MILITARY EDUCATION COURSES

CENTER FOR CIVIL-MILITARY RELATIONS (www.ccmr.org/public/home.cfm)

Established at NPS in 1994, the Center for Civil–Military Relations (CCMR) provides graduate level education to foreign civilian and military participants through resident and nonresident courses. Its programs assist foreign nations in resolving civil–military issues resulting from defense transformation, stability and support operations, combating terrorism, and other security challenges.

The Center for Civil-Military Relations (CCMR) is dedicated to strengthening democratic civil-military relationships (CMR) relationships and assisting other nations make integrated defense decisions. Courses are offered both overseas and in-residence.

Quota procedures: NETSAFA must first program a country's desired course(s) under the proper Security Assistance program. Resident courses will be confirmed once dates are known. Quotas are normally readily available if proper notice is provided. MET dates will be confirmed after coordination and communication between the school and the SCO. NETSAFA must be kept notified during this process for planning and funding purposes. Course descriptions and prerequisites may be found in Section VII of this catalog.

IN RESIDENCE COURSES		
MASL	**Title**	**Weeks**
P170001	CCMR EXEC PRGM IN DEC MK	2
P171400	MET CMR CONUS PLANNING	1
P179018	CIV-MIL RESP TO TERRORISM	2
P179021	CIMIC & CT	1
P179022	MARITIME TERRORISM	1
P179023	GPOI UN CMCOORD COURSE	2
P179045	GPOI UNITED NATIONS STAFF OFFICERS COURSE	2
P179046	GPOI UNITED NATIONS MILITARY OBSERVER TRNG	3
P179047	GPOI UNITED NATIONS LOGISTICS OFFICERS COURSE	2

MOBILE EDUCATION TEAMS (METs)		
MASL	**Title**	**Weeks**
P309041	MET CIV-MIL RESP TO TERR: CONSEQUENCE MANAGEMENT	1
P309042	MET CIV-MIL RESP TO TERR: DEFUSING TERRORIST IDEOLOGY	1
P309043	MET CIV-MIL RESP TO TERR: INTELLIGENC & COMBATING TERRORISM	1
P309044	MET CIV-MIL RESP TO TERR: MARITIME TERRORISM	1
P309045	MET INTERNATIONAL DEFENSE TRANSFORMATION	1
P309064	MET PPK DEPLOY:NEGOTIATION	1
P309065	MET PPK DEPLOY: REVIEW IM	1
P309066	MET PPK DEPLOY: REVIEW MOD	1
P309067	MET PPK DEPLOY: ADOPTING	1
P309068	MET GPOI UN CMCOORD COURSE	1
P309069	MET CIV-MIL RESPONSES TO TERRRORISM	1
P309070	MET CIV-MILITARY RELATIONS	1
P309073	MET CIV-MIL REL PRE-SURVEY	1
P309077	MTT PEACE SUP OPS PH I	1
P309078	MTT PEACE SUP OPS PH III	1
P309079	MET BORDER SECURITY	1
P309102	MET GPOI PROGRAM DESIGN & DEVELOPMENT VISIT	10
P309103	MET GPOI PEACE SUPPORT OPS	Var
P309115	MTT PACRAT-CT	1

P309116	MET LATAM STRATEGIC LEADERSHIP	1
P309117	MET LATAM NATL SECUR STRAT DEV PRACTICUM	1
P309121	MET ENHANCING CMR THROUGH SSR	1
P309137	MET AFRICA CIV MIL REL FOR JR MILITARY LEADERS	1
P309138	MET AFRICA DISARM, DEMOBILIZ & REINTEGRATION	1
P309139	MET AFRICA SECUR FORCES & THE ELECTORAL PROCES	1
P309140	MET DEV EFF PERS MGMT POL	1
P309148	MET MEDIA AND MILITARY	1
P309149	MET INTELLIGENCE/DEMOCRACY	1
P309150	MET LEGISLATURE/MILITARY	1
P309151	MET DOMESTIC SUPPORT OPS	1
P309152	MET CIV CNTRL ARMED FORCES	1
P309153	MET CIMIC SUP OF MIRRO	1
P309154	MET CA/CIMIC SUP OF IO	1
P309156	MET DEM CIV MIL REL & ROL	1
P309158	MET INTERNATIONAL HOMELAND DEFENSE	1
P309194	MET AFRICA LOCAL FOCUS PROGRAM ON CIV MIL REL	1
P309195	MET AFRICA NATIONAL SECURITY PLANNING	1
P309226	MET CIV-MIL RESP TO TERR: MEDIA DYNAMICS AND PUBLIC AFFAIRS	1
P309227	MET CIV-MIL RESP TO TERR: BODER SECURITY	1
P309228	MET CIV-MIL RESP TO TERR: CYBER TERRORISM AND INFO WARFARE	1

INTERNATIONAL DEFENSE ACQUISITION RESOURCES MANAGEMENT (www.nps.edu/IDARM/)

The International Defense Acquisition Resources Management (IDARM) program is intended to strengthen democratic relationships and international security cooperation through acquisition education, research and professional service.

Education: To develop problem solving and decision-making skills through analysis and critical review.
Research: To conduct studies that support policy-making and improve acquisition processes.
Professional Service: To provide leadership and professional expertise in support of international partners.

The primary focus of the program is to strengthen the managerial competencies of the military and civilian leaders responsible for a nation's defense acquisition processes. For many countries, acquisition processes are evolving and the question of developing a structured approach to defense acquisition resource management has not been fully addressed. In other nations, improving the existing defense acquisition process is important to achieving international security goals. Additionally, the understanding of other nations' resource management processes can lead to increased opportunity for cooperative development programs and the associated reduction in risk and costs. The benefits can also be extended to the relationship of defense acquisition management to multi-national defense agreements, such as NATO. The International Defense Acquisition Resource Management (IDARM) program was established in order to assist host nations in addressing these issues.

PROFESSIONAL MILITARY EDUCATION COURSES

Quota procedures: NETSAFA must first program a country's desired course(s) under the proper Security Assistance program. Resident courses will be confirmed once dates are known. Quotas are normally readily available if proper notice is provided. MET dates will be confirmed after coordination and communication between the school and the SCO. NETSAFA must be kept notified during this process for planning and funding purposes. Course descriptions and prerequisites may be found in Section VII of this catalog.

MASL	Title	CIN	Days
P159200	DEF ACQUISITION MGMT		12
P159202	PRINC DEF PROCUREM & CONTR		12
P179069	INTL NEGOTIATIONS		12
P309130	MET ACQUISITION PHASE I	MET-ATM	VAR
P309131	MET ACQUISITION PHASE III	MET-ATM	VAR
P309132	MET ACQUISITION PHASE II	MET-ATM	VAR
P309133	MET ACQUISITION CONT ED	MET-ATM	VAR

DEFENSE INSTITUTE OF INTERNATIONAL LEGAL STUDIES (www.diils.org)

The Defense Institute of International Legal Studies (DIILS), under the functional direction of the Defense Security Cooperation Agency, is the lead defense security cooperation resource for professional legal education, training, and rule of law programs for international military and related civilians globally.

Our mission is to provide training on the latest legal developments in the myriad of areas challenging commanders, civilians and military forces throughout the world in forums conducive to in-depth discussion and analysis. A key strategic goal is to establish lasting and mutually productive relationships with other nations by sharing methods of addressing legal and military challenges—from the legal aspects of combating terrorism and combating corruption to stability operations, the defense institution building aspects of Security Sector reform, and the day-to-day challenges of running professional militaries in conjunction with civilian oversight in accordance with the rule of law.

DIILS works closely with our U.S. Combatant Command staffs, both operational and legal, with Security Cooperation Officers (SCOs) worldwide, and with policy makers, including OSD Policy, OSD OGC, and DSCA, to ensure that our programs are current and consistent with both strategic and operational goals.

Our instruction focuses on interaction and participation through exercises addressing relevant and timely international strategic, operational and tactical issues with participant legal concerns. DIILS accomplishes its training through three primary methods: resident courses, mobile education teams (in one nation or held regionally), and through other forms of legal assistance for specialized projects.

DIILS hosts the following resident courses for international audiences:

Stability Operations: Legal Aspects of ROE/RUF Afghanistan (SOLARA) Course (MASL P176017) SOLARA will focus on the Legal Aspects of Rules of Engagement (ROE) and Rules for the Use of Force (RUF) relevant to military operations in Afghanistan and other stability operations. The seminar is specifically designed for EUCOM forces that are deploying or continuing deployments to Afghanistan. SOLARA will foster interlocking partnerships that will strengthen overall U.S. efforts in combating terrorism. SOLARA includes a visit to New York City.

Law of Armed Conflict and Human Rights (LCHR) (MASL P176019) will enable participants in command or staff positions to understand and implement their nation's commitment to adhere to international legal instruments that control the use of force and treatment of persons in the context of all types of military operations including those that involve international cooperation.

Participants will also be able to identify human rights and law of armed conflict questions that arise in the context of military operations and will know the general areas of the law that serve as standards for resolving these questions. LCHR replaces "Conducting Stability and Peacekeeping Operations iaw with the Rule of Law (PKRL) previously listed under MASL P176019. LCHR includes a visit to New York City.

Military Law Development Program (MLDP) (MASL P176026 and 176029) is for military legal advisors. It includes LCHR and LCC in the fall and LCHR and ILOMO in the spring. In addition to the topics covered in these included courses MLDP focuses on the comparative study of military justice systems and a visit to New York and Washington D.C.

International Law of Military Operations (ILOMO) (MASL P176027) is a course for military legal advisors working as advisors to military commanders. The focus is on advanced aspects of Law of Armed Conflict, Rules of Engagement, Law of the Sea and other international law that may be applicable to military operations. This course is co taught by instructors from the Naval Justice School and the Naval War College. International students are combined with U.S. students for some lecture presentations and all of the exercises.

Legal Aspects of Combating Terrorism (LCT) (MASL P176028) focuses on the legal aspects of combating terrorism using all instruments of national power including military and law enforcement with an emphasis on the importance of inter-agency cooperation. This course includes a visit to New York City.

Legal Aspects of Combating Corruption (LCC) (MASL P176040) focuses on transparency in the defense sector and provides participants the lessons learned and best practices of the U.S. and other countries for prevention, detection and prosecution of corruption in accordance with international standards. This course will include a visit to Washington D.C.

PROFESSIONAL MILITARY EDUCATION COURSES

MASL	Course Title	Dates	Length	ECL
P176017	Stability Operations: Legal Aspects of ROE/RUF Afghanistan (SOLARA)	25 July-5 Aug 11 23 July-3Aug 12	2 wks	80
P176019	Law of Armed Conflict and Human Rights (LCHR)	11 -29 April 11 10 -28 Oct 11 16 April- 4 May 12 8-26 Oct 12	3 wks	80
P176026	Military Law Development Program (MLDP)	10 Oct-13 Dec 11 8 Oct -11 Dec 12 (includes LCHR and LCC	10 wks	85
P176027	International Law of Military Operations Course (I-LOMO)	6-23 Jun 11 11-28 June 12	3 wks	80
P176028	Legal Aspects of Combating Terrorism (LCT)	14 Mar – 1 Apr 11 22 Aug – 9 Sept 11 19 Mar-6 April 12 20 Aug-7 Sept 12	3 wks	80
P176029	Military Law Development Program - ILOMO (MLDP-ILOMO)	11April – 23 June 11 16 Aprl-28 June 12 (includes PKRL and ILOMO)	11 wks	85
P176040	Legal Aspects of Combating Corruption (LCC)	7-28 Nov 11 5-26 Nov 12	3 wks	80

PROFESSIONAL MILITARY EDUCATION COURSES

DIILS provides Mobile Education Teams to countries throughout the world.

DIILS has presented programs to over 29,000 military and civilian government officials in 102 countries worldwide since it inception in late 1992. Typically instruction is presented to an audience of 40-60 military and civilian executive personnel from the host country or countries. Subject matter experts from throughout the federal government, active duty officers, and civilian experts in the executive branch and from the private sector provide the expertise required to create a successful experience. We work closely with each embassy team, COCOM staff, and the host country to develop appropriate seminars that are practical, timely, effective, and strategically on-point. Seminars address the legal aspects of a broad range of topics, with the majority of audiences being line officers and civilians who seek a better understanding of how to operate within the rule of law in their day-to-day strategic and operational decisions.

DIILS provides legal assistance to accomplish specific goals.

Specific legal areas requiring in-depth work are often identified in the course of training or are initiated by organizations within the U.S. government or host countries as areas in which DIILS expertise can be successfully utilized. DIILS examines each request and determines the most appropriate methodology for addressing the issue. DIILS establishes a plan and works towards the accomplishment of the specific need. Workshops, legislative and regulatory creation, needs assessments, and long term training projects are some of the means that can be employed by the DIILS staff to accomplish unique or specialized goals.

Quota procedures: NETSAFA must first program a country's desired course(s) under the proper Security Assistance program. Resident courses will be confirmed once dates are known. Quotas are normally readily available if proper notice is provided. MET dates will be confirmed after coordination and communication between the school and the SCO. NETSAFA must be kept notified during this process for planning and funding purposes. Course descriptions and prerequisites may be found in Section VII of this catalog.

Further information can be found on the web on the DIILS home page. DIILS Courses include:

MASL	Title	Days
P176017	PK LEGAL DEVELOPMENTS PKLD	12
P176019	MIL & PCKEEP OPS IAW ROL	40

P176022	MET DIILS SEMINAR CONUS	5
P176023	MET DIILS JOINT CONUS PLAN	VAR
P176026	MILITARY LAW DEV PROGRAM	68
P176027	INTL LAW OF MILITARY OPERATIONS (I-LOMO)	12
P176028	LEGAL ASPECTS CMB TERRORISM	12
P176029	INTL MIL LAW DEVELOPMENT PRGM - INT LAW OF MIL OPER	75
P176040	LEGAL ASPECTS OF COMBATING CORRUPTION	12
P176041	LEGAL ASPECTS OF STABILITY OPERATIONS	12
P273010	MET REGIONAL DIILS	VAR
P273011	MET CIV-MIL RESPONSES TO TERRORISM (REGIONAL)	VAR
P309050	MET DIILS ASSESS OF ISSUES	VAR
P309061	MET DIILS SEMINARS	VAR
P309062	MET REGIONAL DIILS	VAR
P309063	MTT COMBATING TERRORISM – LEGAL ASPECTS	VAR

OFFICER EDUCATION

AVIATION OFFICER TRAINING

The U.S. Navy offers some of the world's most advanced and comprehensive training in the field of aviation in support of aircraft and weapon systems purchase.

The Aviation Officer Candidate's initial training consists of the six-week Aviation Preflight Indoctrination (API) course at Naval Aviation Schools Command, Pensacola, FL. After completion of Aviation Preflight Indoctrination, pilots go on to NAS Whiting Field, FL or NAS Corpus Christi, TX while Naval Flight Officers (NFOs) continue training at NAS Pensacola for primary flight training.

Upon completion of primary flight training, pilots and NFOs enter the intermediate phase of flight training, which builds upon the prerequisites of basic flight and navigation training. Advanced naval flight training is tailored for mission specifics and upon completion, both pilots and NFOs are awarded their wings of gold and report to their respective Fleet Replacement Squadrons (FRS) for training in their specific aircraft.

Aviation officer training can take up to two years from start of API to completion of advanced naval flight training.

All aviation students must pass a rigorous medical examination performed by USN designated medical officers at the Naval Operational Medical Institute and meet demanding physical standards which include push-ups, sit-ups, a 1.5 mile run conducted on a cross-country trail, and a swim screen.

Maximum Allowable Weight:
Maximum allowable weight in Naval Aviation is 235 pounds. It is recommended that students be well under 235 pounds before beginning training. Weights above 204 pounds or below 136 pounds may preclude students from flying in ejection seat aircraft.

Anthropometric Standards:
Aviation candidates who are shorter than 5'5" or taller than 6'2" may have problems fitting in some or all of the training and fleet aircraft. ALL students will be evaluated for anthropometric compatibility in training and fleet aircraft.

Detailed descriptions of Pilot and Flight training and related publications and instructions can be found on the Chief of Naval Air Training home page at:
https://www.cnatra.navy.mil/index.htm

OFFICER EDUCATION

In-country OPI testing is required for students from non-exempt countries enrolled in courses requiring **85 ECL and 2+/2+ OPI**.

The following courses are designed to help prepare the International Military Student successfully complete aviation flight officer training:

Oral Proficiency Skills for Aviation (OPSAV) Course (MASL D177026)
This course is designed to help pilots achieve the necessary oral proficiency level for success in both their SET and follow on training. The course offers extensive practice in pronunciation and global speaking proficiency within a variety of contexts. Listening comprehension is also practiced with a wide range of formats. Particular emphasis is given to the comprehension of electronic voice communication over two-way radios and telephones. This training prepares students for the unique challenges of radio communication which is required of them in SET and at FOT. While the course focuses primarily on routine day-to-day proficiency needs, a variety of aviation-related themes are woven into each lesson. Recorded samples obtained from Americans are used as the basis for classroom language instruction. Additionally, the OPSAV course provides relevant cultural orientation by examining typical communication styles and training methods used in the US. This MASL includes 16 weeks of OPSAV and nine weeks of SET for a maximum of 25 weeks. However, course length is variable because students can be moved out of OPSAV and into SET as soon as they achieve their required OPI scores. *Students must meet the ECL requirement for follow on training prior to entrance into the OPSAV course.*

Basic Aviation Preparatory Training (MASL P119311)
The Basic Aviation Preparatory Training curriculum supports preparatory instruction prior to entry into the U.S. Navy undergraduate pilot and naval flight officer training pipelines. This curriculum consists of six primary areas of instruction: Aerodynamics, Aircraft Engines, Navigation, Flight Rules and Regulations, Meteorology, and Physical Fitness/Survival Swim/CPR/First Aid. Further, this training supports students with ongoing preparatory instruction throughout the U.S. Naval Aviation pilot and naval flight officer training pipelines.

OFFICER EDUCATION

Some common undergraduate flight training pipelines are listed below, however specific courses and pipeline flows should be coordinated with a country's respective NETSAFA Country Program manager due to unique country considerations, type operational aircraft the student is being trained for, and alternate flight training locations and their respective MASL's. Note: MASL P119311 "Basic Aviation Preparatory Training" described above is optional and can be integrated within the following pipelines:

Undergraduate Helicopter Pilot Pipeline

MASL P119026	OJT Aviation OPS (Initial Screening); NAS Pensacola, FL
MASL P119301	Aviation Pre-Flight Indoctrination (API); Entry Ground School and Survival Training; NAS Pensacola, FL
MASL P112005	Primary Fixed Wing, NAS Whiting Field, Milton, FL
MASL P113301	Advanced Helicopter, NAS Whiting Field, Milton, FL

Undergraduate Maritime Multi-Engine Fixed Wing Pilot Pipeline

MASL P119026	OJT Aviation OPS (Initial Screening); NAS Pensacola, FL
MASL P119301	Aviation Pre-Flight Indoctrination (API); Entry Ground School and Survival Training; NAS Pensacola, FL
MASL P112005	Primary Fixed Wing, NAS Whiting Field, Milton, FL
MASL P112304	Advanced Maritime Multi-Engine Fixed Wing (USN version), NAS Corpus Christi, TX

Undergraduate Jet Pilot Pipeline

MASL P119026	OJT Aviation OPS (Initial Screening); NAS Pensacola, FL
MASL P119301	Aviation Pre-Flight Indoctrination (API); Entry Ground School and Survival Training; NAS Pensacola, FL
MASL P112005	Primary Fixed Wing, NAS Whiting Field, Milton, FL
MASL P128101	Centrifuge Training, NAS Lemoore, CA (as required)
MASL P111309	Advanced Strike Jet, NAS Meridian, MS

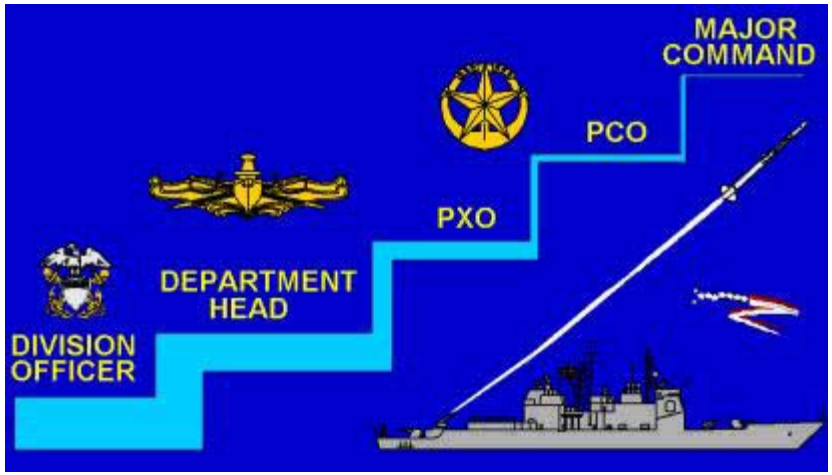
Undergraduate Weapons Systems Officer (WSO)/Strike Fighter Naval Flight Officer Pipeline

MASL P119026	OJT Aviation OPS (Initial Screening); Pensacola, FL
MASL P119301	Aviation Pre-Flight Indoctrination (API); Entry Ground School and Survival Training; NAS Pensacola, FL
MASL P114005	Primary Navigator, NAS Pensacola, FL
MASL P114006	Intermediate Navigator, NAS Pensacola, FL
MASL P128101	Centrifuge Training, NAS Lemoore, CA (as required)
MASL P114036	Advanced Strike Fighter, NAS Pensacola, FL

OFFICER EDUCATION

SURFACE WARFARE OFFICERS

Surface Warfare Officers are Navy officers whose training and primary duties focus on the operation of Navy ships at sea and the management of various shipboard systems. Their ultimate goal is to command a Navy surface ship. Training for international surface warfare officers is available for the various stages of the Surface Warfare Officer's career:



DIVISION OFFICER TRAINING

SWOS INTL (MASL P179136)
The International Surface Warfare Officer course prepares junior commissioned officers to execute with confidence, assigned junior officer watch station duties aboard surface warfare craft and ships by providing fleet oriented training. This training highlights shipboard organization, basic systems interdependence and interaction, including a foundation in surface combat systems, operational concepts, watch standing, basic seamanship skills, and engineering.

INTL CIC Watch Officer (MASL P121022)
Provides officers from allied navies with training in basic Combat Information Center operations during routine peacetime steaming. The target audience is junior officers (O-1 to O-2) WITH LIMITED OR NO AT SEA EXPERIENCE. This training is included as part of the SWOS INTL course.

EW Officer INTL (MASL P139336)
This course is designed to familiarize officers and selected senior enlisted personnel with the basic concepts of Electronic Warfare (EW); including the divisions of Electronic Warfare, principles of radar systems, current anti-ship capable missile threat, emission control, Electronic Warfare publications, training and the role of Electronic Warfare in anti-ship missile defense.

INTL ASW Junior Officer Course (MASL P123653)
Provides training to junior international officers of non-NATO nations assigned to ASW ships in ASW operations, maintenance and air control. Provides students with the basic skills and knowledge in Anti-Submarine Warfare Surface and Sub-Surface Operations, ASW Equipment, ASW Weapons and Weapons Tactics, Oceanography, Shipboard Administration and Training in sufficient detail to perform duties at the Anti-Submarine Weapons Officer level.

INTL Damage Control Assistant (MASL P129149)
Provides billet specialty training to Officers enroute to Damage Control assignments in surface ships. Course graduates are qualified to fill the Damage Control Assistant billet in surface ships covering the following areas in-depth: 1. Repair Division Administration and Responsibilities 2. Damage Control Administration and Training 3. Damage Control Equipment and Systems 4. Damage Control Petty Officer Program requirements, equipment and maintenance procedures 5. Stability and Buoyancy 6. Battle Damage Evaluation and containment techniques 7. Chemical, Biological and Radiological Defense management 8. Gas Free Engineering.

DIVISION OFFICER ENGINEERING TRAINING

The following MASLs provide advanced engineering billet specialty training to junior officers on the way to engineering billets. Through classroom instruction and "hands-on" training these students will be prepared to direct Engineering Department personnel to perform main propulsion, auxiliary and damage control functions during all conditions of readiness.

MASL P145486	**SWO ADV Gas Turbine Engineering**	**CG's and DD's**
MASL P145487	**SWO ADV FFG 7 Engineering**	**FFG's**
MASL P145488	**SWO ADV Diesel Engineering**	

DEPARTMENT HEAD TRAINING

Surface Warfare Officer Department Head Operations INTL (MASL P179135)
To prepare middle grade International Surface Warfare Officers (O-2 to O-4) with previous sea experience to execute Operations and Combat Systems department head duties on board surface units of frigate or larger vessels of the international navies through classroom and available training device instruction

International Joint Maritime Tactical Development (MASL P122571)
Provide Mid-grade warfare specialty International Officers (O-3 to O-4) with the tactical development skills required to support a Joint Force Commander or Naval Component Commander in a multi-threat environment. The course stresses joint maritime planning, and war gaming. In addition, weapon systems information will be taught in order to integrate air, surface, and submarine platforms into an effective fighting force.

SWO Prospective Engineering Officer for Gas Turbine Platform (MASL P145004)
To provide advanced engineering systems and management training to officer's enroute to Chief Engineer Officer billets onboard DDGs and FFGs. Training consists of three weeks of "Common Core", which includes an in-depth explanation of engineering theory and engineering management programs followed by five weeks of hull-specific Gas Turbine Specialty Training that covers Main Propulsion, Auxiliaries, and Electrical systems and includes the use of computer based simulators and console trainers in the execution of engineering evolutions and casualty control procedures. The ninth and final week is Hot Plant and Material Self Assessment training accomplished onboard a hull of the applicable ship class.

Department Head Leadership Course (MASL P171040)
A one week course designed to provide prospective department heads with the requisite naval leadership skills necessary to function as effective leaders as a department head.

EXPEDITIONARY WARFARE TRAINING

Expeditionary Warfare Officer training is conducted for Surface Warfare Officers at Expeditionary Warfare Training Group (Atlantic or Pacific), Expeditionary Training Command, or Navy Small Craft Instruction and Technical Training School. For a detailed listing of available training contact the applicable NETSAFA Country Program Manager.

OFFICER EDUCATION

SUBMARINE OFFICER TRAINING

International Diesel Submarine Training (MASL P122560)
Provides instruction in diesel submarine tactics, training, and qualification disciplines/techniques, including practical training on fire control plots. Diesel submarine tactical classroom instruction is supplemented with sonar plot laboratories where students man/evaluate with various fire control party plots.

Several submarine individual and team training courses are available at the Naval Submarine Training Center Pacific in Pearl Harbor. For a detailed listing of available training contact the applicable NETSAFA Country Program Manager

INTELLIGENCE OFFICER TRAINING

International Maritime Intelligence Course (MASL P172003)
This course provides enhanced maritime operational intelligence training to international junior offices (O-3 or equivalent and below) who are designated special duty intelligence, collateral duty intelligence or general line officers with an interest in maritime intelligence assignments in order to promote coalition interoperability. The curriculum stresses skills and knowledge required of intelligence officers in the following areas: academics of intelligence analysis and research; intelligence sources and methods, naval intelligence principles and operations; counter-drug; counter-terrorism; asymmetric warfare; maritime force protection; and operational intelligence fusion. Students will demonstrate learned skills and knowledge in multi-day practical exercises.

CIVIL ENGINEER OFFICER CORPS

Civil Engineer Corps (CEC) officers are responsible for executing and managing the planning, design, construction, operation, and maintenance of the Navy's shore facilities.

The following training is available for international officers:

CEC Officer Basic Qualification (MASL P174052)
To orient the new CEC officer to the role of the CEC in the Navy and to prepare them to be immediately effective upon assuming the duties of their first CEC billet. During four weeks of the course, subject matter common to all BASIC students is covered to provide knowledge of fundamental principles intrinsic to any CEC billet. Topics included are: engineering management, CEC officer

orientation, financial management, organization and responsibilities, construction technology & scheduling, professional development military/civilian personnel considerations, and leadership/human relations.

Naval Construction Force Operations Basic Course (MASL P174005)
This course covers a broad range of Naval Construction Force (NCF) operational and administrative topics at the middle management level. This course includes a comprehensive written exam and a practical exercise that tests the student's ability to monitor, delegate and follow-up with assigned tasks. The Naval Construction Force Operations Basic course is designed to prepare first-tour Officers and Chief Petty Officers with basic knowledge and skills needed to perform leadership and management duties upon reporting to a Naval Construction Force unit. Classroom and laboratory instruction will be provided in construction and contingency planning and operations, Naval Construction Force, and force programs, under normal conditions.

CHAPLAIN CORPS

The Naval Chaplains School has been established to train spiritual leaders for the Sea Services: the Navy, Marine Corps, Coast Guard, and Merchant Marine. This critical mission is accomplished through four levels of training and education: basic, intermediate, advanced, senior and ongoing professional development. The focus of all training and education is the professional development of military ministry specialists. This command philosophy focuses attention on two different yet interrelated areas: servant leadership and staff organization.

The following courses are available to international students:

Naval Chaplain Basic Leadership Course (P-1) (MASL P179207)
The Naval Chaplains Basic Course (P1) is designed to train and educate new Chaplains to professionally function as junior Naval staff officers and Chaplains in the religiously pluralistic context of the United States Sea Services. Naval Chaplains Basic Course focuses on four of seven major Core Competencies and Professional Foundations in accordance with the PCC's: - Leadership and Management - Naval Orientation and Naval Science - Technical Foundations - Personal and Personnel Excellence and Fitness and Navy/Marine Corps Fitness and Wellness Programs - Chaplain Professional Foundations (Appendix D) Additionally, Naval Chaplains Basic Course focuses on training and educating the six Religious Ministry Tasks as outlined in the OPNAVINST 1730.1D. - Command Advisory Task -Religious Ministry and Accommodation Task - Pastoral Care Task - Training and Education Task - Supervisory and Management Task.

The Religious Ministry Team Expeditionary Course (P-2) (MASL P179208)

The Religious Ministry Team Expeditionary Course (P2) provides an indoctrination program for officer and enlisted active duty, reservists, and Chaplain Candidate Program Officers (CCPOs), designed to provide practical tools and programming that empower the Religious Ministry Team to respond immediately to the needs of expeditionary commands. SCOPE: Students will demonstrate knowledge and ability in pastoral care programs pertinent to operational unit needs, to include: - Specialized Ministry Skills - Ministry in Combat Environment - Field Worship - Ministry in the Range of Military Operations - USMC Orientation - Religious Ministry Training (RMT) Expeditionary Operations - Field Survival Skills - Field Hygiene - Camouflage, Cover and Concealment - Confidence/Obstacle Course - Team Building - First Aid - Field Communications - Land Navigation - Chemical, Biological, Radiological, Nuclear and High Yield Explosives Warfare Defenses Student achievement and course evaluations are dependent upon class participation, exercises and scenarios, class presentations, assessment tools, and student critiques.

TEAMS - Naval Chaplain Basic Leadership Course (P-3) (MASL P179209)
The TEAMS course provides an indoctrination program, immediately preceding accession to active duty, designed to provide practical tools and programming that empower Religious Ministry Teams (RMTs) to respond immediately to the needs of commands. SCOPE: Chaplains will demonstrate knowledge and ability in pastoral care programs pertinent to operational unit needs, to include: - Ethics and character development - Prepare/Enrich -Combat Operational Stress Control - Crisis Counseling Skills - Critical Incident Stress Management - Wellness Programs - PREP; interpersonal skills - Public Affairs Training -Social Etiquette Development Student achievement and course evaluations are dependent upon class participation, exercises and scenarios, class presentations, assessment tool, and student critiques.

PNC- Advanced Leadership Course Senior Supervisory Chaplains Course (MASL P179206)
The Senior Supervisory Chaplains Course prepares senior Navy chaplains (captains and captain selects) to serve in leadership positions on large staffs. Such staffs include those of major manpower claimants, force commanders, regional commanders, and other Navy, Marine Corps, and Coast Guard staffs of comparable size and scope, as well as joint staffs (this is not a substitute for JPME I and II). Chaplains will be equipped to conduct strategic planning for religious ministry support in their commanders' areas of responsibility, and to coordinate and supervise the provision of such ministry support. In addition, students will be equipped to carry out appropriate staff support functions such as advising commanders on the moral, ethical, and religious implications of proposed policies and decisions. SCOPE: This course is based on the Course Training Task List developed from the Job Task Inventory for senior supervisory chaplains approved by the Chief of Chaplains (CNO Ltr 1521 Ser 971D/90180 of 27 Jul 99). Instruction includes: - Serving as principal advisor to flag-level commanders on religion, ethics, and morals - Understanding the national security process: National Security Strategy, National Military Strategy, Unified Command plan - Planning for religious ministry support in joint/combined operations - Planning for religious ministry support in the DoN: claimancies, forces, regions; Naval Reserve fleet support commands; USN, USMC, USCG - Understanding and using the active duty and reserve manpower system - Conducting

strategic planning for RMS - Planning for ministry in ROMO - Planning for religious accommodation - Understanding active and reserve role in "One Navy" - Developing leadership skills for senior leaders - Advising on ethics and morals - Understanding the national security process: National Military Strategy, Unified Command plan - Planning for religious ministry support in joint/combined operations - Planning for Religious ministry support in the DON: claimancies, forces, regions, Naval Reserve fleet support commands; USN, USMC, USCG - Understanding and using the active duty and reserve manpower system - Conducting strategic planning for RMS - Planning for ministry in ROMO - Planning for religious accommodation - Understanding active and reserve role in "One Navy" - Developing leadership skills for senior leaders - Advising on ethics.

NAVY SUPPLY CORPS SCHOOL

Navy Supply Corps School in Newport, Rhode Island is the Navy's premier logistics training command, and offers some of the U.S. Navy's finest International Training. International Officers have been taught at the Supply Corps School for the last 56 years and over 2000 international officers have added our various logistics and transportation courses to their resumes. It is the goal of the training staff of the Navy Supply Corps School to make each student's visit to the United States an educational and enlightening experience. While some 70 to 90 international students each year attend courses at the Navy Supply Corps School, about 30 officers each year attend a 9 week long International Officers Supply Course (IOSCO) Pipeline.

IOSCO Pipeline: The International Officers Supply Course (IOSCO) Pipeline convenes twice annually and consists of the following courses: P152011 and P152003. This course can be exported as an MTT with special request for pricing and feasibility. The course is for International Officers only, grade O-1 to O-4, waivers available for civilian and senior enlisted students.

International Officer Supply Course (IOSCO) (MASL P152011) (6 Weeks) The course is designed to familiarize students with the organizational structure of the United States Government, United States Navy, Navy Supply Systems Command (NAVSUP), Defense Logistics Agency (DLA), and the relationship to the Foreign Military Sales (FMS) process. Discusses Logistics Supply Chain, defined as identifying, locating, ordering and tracking assets. Assists International Customers develop a process-oriented working knowledge of Department of Defense web-based logistics systems. Included in the course is material identification, catalog systems, FMS requisitioning procedures, all aspects of the Security Cooperation Information Portal (SCIP) and other computer and web-based tools for customer support. Course will provide attendees an expert knowledge of: FEDLOG, WEBFLIS, Asset Visibility of DLA stock on hand, Item Managers notes, requisition status, including detailed shipping information (DSS) - Defense Reutilization Marketing Service (DRMS) for excess DoD stock in disposal Students will also access the Navy's International Programs E-Business Suite. Course also provides a detailed overview of Acquisition Logistics, Allowance Models, Integrated Logistics Support (ILS) and Inventory Control Point (ICP) operations, with a focus on weapons systems support to include study of math models for outfitting and

determining allowances quantities. Discusses ship transfer and shipyard procedures, and specific allowance determination for the FMS customer. Course content is flexible, allows for the unique needs of students, and is updated frequently to ensure current changes in systems are included in every class. Instruction is modeled after training provided to U.S. DoD civilian and military personnel, working in the supply and maintenance communities.

International Officer Supply Course (IOSCO) - Travel (MASL P152003) (3 Weeks)
Follow on visit to operating sites for additional seminars, briefings, and tours of logistics facilities to reinforce theory and practices learned in IOSCO Resident Coursework. Briefs and tours conducted by Fleet Industrial Supply Center (FISC-Norfolk), Naval Aviation Depot, and various flight line and waterfront supply organizations in the Norfolk Area. Class will depart from Norfolk to Washington, D.C. for Field Studies Program visit. Class will travel from Washington D.C. to Naval Inventory Control Point - Foreign Directorate - Philadelphia. Allows students to meet with subject matter experts in Navy FMS cases, Country Program Managers, Security Assistance Field Representatives, and receive briefs on current business practices of NAVICP-OF concerning FMS support. Students return to Newport for graduation and departure.

Other Navy Supply Corps School Courses open to International Students:

International Logistics Executives Advanced Development (ILEAD) (MASL P171053) (8 Weeks),
formerly Senior International Officer Supply Management Course
Senior International Officers, grade O5 and above, waivers available. Course is taught once per year. This eight-week course is designed to give Senior International Officers a better understanding of current trends in logistics and supply chain management from the military perspective. The course includes the Advanced Management Program (AMP) as the first portion of the course. AMP is a two-week long executive leadership course designed for CDR's and GS-13/14's that deals with transformation, supply chain management, lean six-sigma, and many other management skills used both by industry and DoD. It is a post-MBA level course, taught by professors from top-level business schools. The students will be embedded with equivalent U.S. personnel during this period, and work on group projects and make a group presentation for a panel of Flag Officers on the last day of AMP. Following the two weeks of AMP, site visits will be conducted to various DoD commands throughout the U.S. to give the students an on-site view of the various logistics initiatives and projects currently being worked on by Department of Defense and U.S. Navy. The students will also participate in various events that will allow for a better understanding of American society and culture. All course travel is included in the MASL cost. Class requires an 80 ECL score.

Joint Aviation Supply Maintenance and Material Management (JASMMM) (MASL P152088) (2 Weeks)
JASMMM was developed to enhance efficient interface between maintenance and supply personnel. Cooperation and teamwork are highlighted. Attendance is currently limited to Military E-6 and above; Civilian GS-6 and above, and International Students of equivalent rank. JASMMM is the Navy's sole source of aviation logistics training for supply officers and aviation maintenance officers and enlisted personnel assigned to aviation commands. During the ten days, twenty-five (25) Maintenance and Supply topics are discussed as well as case studies, practical labs and practical exercises. Guest speakers from NAVICP, DLA, and NAVSAFECEN have been incorporated into the seminar.

Advanced Management Program (AMP) (MASL P162015) (2 Weeks)
AMP is a visionary management course that provides tools to high-potential managers that are necessary in today's challenging workplace. This two-week residential program challenges participants beyond their current capabilities. Strategic thinking is the focus in this dynamic learning environment. This program is designed to equip senior leaders with the tools necessary to formulate and implement strategy, develop and manage networks of people, and incorporate experiences into a broadened policy-level perspective. AMP incorporates workshops and traditional learning to develop key competencies needed for higher levels of strategic leadership. Topics include Enterprise Resource Planning (ERP), e Business, Supply Chain Management, Information System Solutions, Cost Management, Activity Based Costing (ABC), Activity Based Management (ABM), and Metrics Management. AMP is modeled after Executive Training Programs at civilian universities, but at a fraction of the cost. Class requires an 80 ECL score, and students are expected to participate in group discussions and team presentations. Carries post-graduate college credit.

Introduction to Expeditionary Logistics (MASL P152030) (2 Weeks)
This two-week course provides senior enlisted personnel and officers an overview of the Joint Planning Process, the Joint and Naval Logistics chain of command and specific issues and concerns related to operating in a deployed environment. The "issues and concerns" segment includes discussions on personnel management, expeditionary logistics, expeditionary contracting, petroleum management, supply support and host nation support. The course is taught as a seminar with technical experts flown in to conduct individual topic segments. Although this class is targeted toward Naval Reservists, active duty personnel are encouraged to attend, as well as personnel from other military branches.

Supply Officer Department Head Course (SODHC) (MASL P152089) (4 Weeks)
This four-week course prepares Ensigns through Lieutenant Commanders to assume the duties of the Supply Officer on a ship or submarine. This course includes training in the areas of Supply Management, Food Service, Retail Operations, and Disbursing Management. In addition, training is presented for the following specific technical functions: Small Afloat Purchasing, user certification for the government commercial purchase card program, Small Ship Aviation Logistics, Configuration Management, Hazardous Materials Management including certification as a Hazardous Materials Coordinator Afloat, Total Asset Visibility, and submarine-specific supply functions. Automated Information Systems training is also provided in Streamlined Automated Logistics Transmission Systems (SALTS), Logistics Toolbox, Ported SNAP II/III, Micro-SNAP, R-Supply, FSM, ROM, HICS, HMIS, FEDLOG and Micro-Q. SODHC focuses on current fleet trends and technical developments while it also stresses developing effective and efficient managerial skills to meet the challenging "at sea" environment.

Department Head Leadership Course (MASL P171054) (5 Days)
This five-day course is designed to facilitate and indoctrinate all officers that will be relieving afloat, in a Department Head capacity, the skill sets necessary to be effective principle assistants and liaisons in their Chain of Command for their Commanding Officer. The curriculum encompasses ten modules that will drastically shift the mindsets of the student from being a functional and effective Division Officer to the proactive and global thinking structure of a high-output Department Head. Through role-plays, group-based discussions, teach-backs, and brainstorming, the student will be afforded the opportunities to discuss with the class the trials and tribulations that they have experienced in their careers. Specific leadership principles that are addressed are competition and collaboration amongst peers and superiors, management of expectations, non-reactive leadership, command climate influences, project and systems management, and growing/developing junior Division Officers for the future.

Transportation Stowage Hazardous Material (MASL P153010) (2 Weeks)
A two-week (80 hour) course that provides the mandatory training prerequisite for command approved qualification to certify hazardous material for shipment via all modes of transportation. This course is directed at all personnel that may certify hazardous material that are not previously certified or that need to re-certify and have not used their prior training extensively. Covers certification for ship, air (international) and ground transportation (U.S. and Canada) for shipments of Hazardous Material.

Supply Officers Basic Qualification Course (BQC) (MASL P152010) (20 Weeks)
(Prerequisite for MASL P162017, not offered as a stand-alone course)
The Basic Qualification Course (BQC) is designed to prepare newly commissioned Supply Corps officers with a broad range of initial supply skills. The 20-week computer intensive, detail oriented curriculum includes technical training in supply management,

disbursing, retail operations, food service, postal operations, personal computing, leadership and management (divisional and personnel management), shipboard hazardous material, and Maintenance and Material Management (3M).

DIVISION OFFICER LEADERSHIP COURSE (MASL P162017) (5 Days)
(Must be programmed with MASL P152010, not offered as a stand-alone course)
This five-day course is designed to facilitate and indoctrinate all junior officers that will be relieving afloat, in a Division Officer capacity, the skill sets necessary to be effective first-time leaders in an operational environment. The curriculum is scenario driven taking the student from their very first day of reporting onboard all the way through their first nine months. Through interactive videos, role-plays, and group-based discussions, the student will be given exposure and have an opportunity to discuss leadership dilemmas that they might encounter in their immediate future. Specific leadership principles that are addressed are competition and collaboration in an enlisted work center, building working relationships with the Chain of Command, time management, and functional administration.

MTT – NAVSUP Pub P-526 (MASL P304013)
The purpose of this course is to provide supply personnel with information on the NAVSUP Publication 526 – FMS Customer Supply System Guide. This MTT can be designed to meet a one or two week training requirement, and is recommended for supply personnel who requisition material under Navy Cases.

ENLISTED SKILL TRAINING

Aviation Specialties

AB Aviation Boatswain's Mate
AC Air Traffic Controller
AD Aviation Machinist's Mate
AE Aviation Electronics Mate
AG Aerographer's Mate
AM Aviation Structural Mechanic
AO Aviation Ordnanceman
AS Aviation Support Equipment Tech
AT Aviation Electronics Technician
AW Aviation Antisubmarine Warfare Opr
AZ Aviation Maintenance Admin
PR Aircrew Survival Equipmentman

Anti-Terrorism and Naval Security Forces

MA Master-at-Arms

Cryptology

CT Cryptologic Technician

EOD / Diving

EOD Explosive Ordnance Disposal
ND Navy Diver

Information Technology

IT Information Systems Technician

Naval Engineering

DC Damage Controlman
EM Electrician's Mate
EN Engineman
GS Gas Turbine System Technician
HT Hull Maintenance Technician
MM Machinist's Mate
MR Machinery Repairman

SeaBees and Facilities Engineering

BU Builder
CE Construction Electrician
CM Construction Mechanic
EA Engineering Aide
EO Equipment Operator
SW Steelworker
UT Utilitiesman

Seals

SB Special Warfare Boat Operator
SO Special Warfare Operator

Service Support

CS Culinary Specialist
HM Hospital Corpsman
LN Legalman
LS Logistics Specialist
MC Mass Communications Specialist
MU Musician
NC Navy Counselor
PC Postal Clerk
PS Personnel Specialist
RP Religious Programs Specialist
SH Ship's Serviceman
SK Storekeeper
YN Yeoman

Surface Combat Systems

ET Electronics Technician
FC Fire Controlman
FT Fire Control Technician
GM Gunner's Mate
IC Interior Communication Electrician
MN Mineman
OS Operations Specialist
QM Quartermaster
STG Sonar Technician (Surface)

Submarine

MT Missile Technician
TM Torpedoman's Mate
STS Sonar Technician (Submarine)

ENLISTED SKILL TRAINING

Training for U.S. Sailors mainly occurs at one of several learning centers that provide training in their respective functional area. A chart of the learning centers and corresponding enlisted ratings is shown below:

Center for Naval Aviation Technical Training AB, AC, AD, AE, AG, AM/E, AO, AS, AT, AW, AZ, PR	Center for Anti-Terrorism and Naval Security Forces MA	Center for Cryptology CTA, CII, CTO, CTM, CTT, CTR
Center for EOD / Diving EOD, Divers	Center for Information Technology IT	Center for Naval Engineering DC, EM, EN, GS/M/E, HT, MM, MR
Center for SeaBees and Facilities Engineering BU, CE, CM, EA, EO, SW, UT	Center for Service Support BM, CS, LN, LS, MC, MU, NC, PS, QM, RP, SH, YN	Center for Surface Combat Systems ET, FC, FT, GM, IC, MN, OS, QM, STG
Center for Submarine Learning ET, FT, MM, MT, STS	Center for Naval Intelligence IS	Center for Naval Leadership CMC, all ratings

There are over 11,000 courses available at these learning centers. This catalog contains approximately 2,500 courses that have been offered to international students. If a country desires enlisted training that cannot be found in this catalog, the NETSAFA Country Program Manager can search the Catalog of Navy Training (CANTRAC) to determine if that training is available, and then establish a MASL to allow the training to be offered to international students.

Aviation Ratings

General rating	Abbreviation	Service rating
Aviation Boatswain's Mate	AB ABE ABF ABH	 (Launching & Recovery) (Fuels) (Aircraft Handling)
Aviation Boatswain's Mates are responsible for aircraft catapults, arresting gear and barricades. They operate fuel and lube oil transfer systems, as well as direct aircraft on the flight deck and in hangar bays before launch and after recovery. They use tow tractors to position planes and operate support equipment used to start aircraft.		
Air-Traffic Controller	AC	
Air-Traffic Controllers assist with the speedy flow of air traffic by directing and controlling aircraft. They operate field lighting systems and communicate with aircraft. They furnish pilots with information regarding traffic, navigation and weather conditions, as well as operate and adjust ground-controlled approach (GCA) systems and interpret targets on radar screens and plot aircraft positions.		
Aviation Machinist's Mate	AD	
Aviation Machinist's Mates are usually assigned to billets concerned with the maintenance of turbo-jet aircraft engines and associated equipment. They are responsible for the maintenance and replacement of aircraft engines and accessories, as well as performing the duties of flight engineers.		
Aviation Electrician's Mate	AE	
Aviation Electrician's Mates are responsible for aircraft electrical power generating and converting systems. They maintain lighting, control, and indicating systems and can install as well as maintain flight and engine instrument systems.		
Aerographer's Mate	AG	
Aerographer's Mates are the U.S. Navy's weather forecasters. They are trained in meteorology and the use of aerological instruments that monitor air pressure, temperature, humidity, wind speed, and direction. They prepare weather maps and forecasts and can analyze atmospheric conditions to determine the best flight levels for aircraft. An AG can measure wind and air density to aid the accuracy of anti-aircraft firing, shore bombardment and delivery of weapons by aircraft.		
Aviation Structural Mechanic	AM AME AM	 (Safety Equipment) (Hydraulics and Structures)
Aviation Structural Mechanics are responsible for the maintenance of many aircraft parts such as wings, fuselage, tail, control surfaces, landing gear, and hydraulic systems. AME's maintain and repair oxygen, cockpit and cabin pressurization, and ejection seat systems.		

General rating	Abbreviation	Service rating
Aviation Ordnanceman	AO	
Aviation Ordnancemen operate and handle aviation ordnance equipment. They are responsible for the maintenance of guns, bombs, torpedoes, rockets, and missiles. Their duties include the stowing, issuing, and loading of munitions and small arms.		
Aviation Support Equipment Technician	AS	
Aviation Support Equipment Technicians perform intermediate maintenance on aviation accessory equipment at naval air stations and aboard aircraft carriers. They maintain gasoline and diesel engines, gas turbine compressor units and electrical systems.		
Aviation Electronics Technician	AT	
Aviation Electronics Technicians are responsible for the maintenance of all aircraft radio, radar, and other rapid communications devices. They maintain all navigation equipment.		
Aviation Warfare Systems Operator	AW (AWO) (AWF) (AWV) (AWS) (AWR)	(Operational Level) (Mechanical) (Avionics)(Sierra) (Romeo)
Aviation Warfare Systems Operators operate airborne radar and electronic equipment used in detecting, locating, and tracking submarines. They provide information for aircraft and surface navigation and act as helicopter-rescue crewmen, and function as part of the flight crew on long-range and intermediate-range aircraft. Beginning in 2009, other enlisted Aviation ratings that perform flight engineer or loadmaster duties in Navy aircraft will convert to the AW rating.		
Aviation Maintenance Administrationman	AZ	
Aviation Maintenance Administrationmen perform clerical, administrative, and managerial duties necessary to keep aircraft maintenance activities running smoothly. They schedule and coordinate the maintenance workload, including inspections and modifications to aircraft and equipment.		
Aircrew Survival Equipmentman	PR	
Aircrew Survival Equipmentmen are responsible for the packing and care of parachutes. They maintain flight clothing, rubber life rafts, life jackets, oxygen-breathing apparatus, protective clothing, and air-sea rescue equipment.		

Construction Ratings

General rating	Abbreviation	Service rating
Builder	BU	
Navy builders are like civilian construction workers. They are skilled carpenters, plasterers, roofers, cement finishers, asphalt workers, masons, and painters. They build and repair all types of structures including: piers, bridges, towers, schools, offices, houses, and other buildings.		
Construction Electrician	CE	
Construction Electricians are responsible for the power production and electrical work required to build and operate airfields, roads, barracks, and hospitals. The work of a CE is equivalent to civilian construction electricians, telephone and electrical repairmen, lineman, and others.		
Construction Mechanic	CM	
Construction Mechanics maintain many types of construction machinery including; buses, dump trucks, bulldozers, rollers, cranes, backhoes, and pile drivers. They work on gasoline and diesel engines and transmissions. They also repair electrical, hydraulic, pneumatic and steering systems.		
Engineering Aide	EA	
Engineering Aides provide construction engineers with information needed to develop final construction plans. They conduct surveys for roads, airfields, buildings, etc. They perform soil tests, prepare topographic and hydrographic maps. They also survey for sewers, water lines, drainage systems and underwater excavations.		
Equipment Operator	EO	
Equipment Operators work with heavy machinery such as bulldozers, power shovels, pile drivers, etc. They use this machinery to dig ditches, excavate for building foundations, break up old concrete or asphalt paving and pour new paving. They grade and remove debris from construction sites, raise girders, and move and set in place other pieces of equipment or materials needed for the job.		
Steelworker	SW	
Steelworkers rig and operate all special equipment used to move or hoist structural steel, structural shapes and similar material. They erect and dismantle steel bridges, piers, buildings, storage tanks, etc. They work with steel shapes, plates and built-up sections used in the construction of overseas facilities. They are skilled in arc welding, MIG welding, TIG welding, and gas welding.		
Utilitiesman	UT	
Utilitiesmen supervise and perform tasks involved in the installation and maintenance of plumbing, steam, compressed air and fuel storage and distribution systems. They maintain air conditioning and refrigeration equipment, as well as sewage collecting and disposal facilities.		

Administration, Deck, Medical, Technical, and Weapons Ratings

General rating	Abbreviation	Service rating
Boatswain's Mate	BM	
Boatswain's Mates train and supervise personnel in all activities relating to marlinspike, deck, and boat seamanship, and oversee the maintenance of the ship's external structure and deck equipment. They act as petty officers in charge of small craft and may perform duties as master-at-arms, serve in or take charge of gun crews, and damage control parties.		
Culinary Specialist	CS	
Culinary Specialists prepare menus and order the quantities and types of food items. They operate galley and dining facilities, manage large facilities, keep records for food supplies and financial budgets, and can even serve as flight attendant aircrewmen. They can also serve as personal food service specialist, household/estate manager or chef for an admiral, the First Family, President of the United States at Camp David and the White House, to the Vice President at Number One Observatory Circle or for a commanding officer aboard ship or at shore bases. Ashore, Culinary Specialists often manage and maintain clubs, TAD hotels and Permanent Party naval barracks.		
Cryptologic Technician	CT CTI CTM CTN CTR CTT	 (Interpretive) (Maintenance) (Networks) (Collection) (Technical)
Cryptologic Technicians control the flow of messages and information and also conduct Electronic Warfare. Their work depends on their special branch: CTAs or Administration Cryptologic Technicians (As of 01 OCT 07 CTA merged with the YN rating) perform administrative and clerical duties that control access to classified material. CTIs or Interpretive Cryptologic Technicians handle radiotelephone communications and foreign language translation. CTMs or Maintenance Cryptologic Technicians maintain electronic and electromechanical equipment. CTNs or Networking Cryptologic Technicians handle computer communication. CTRs or Collection Cryptologic Technicians handle all Morse code communications and operate radio direction-finding equipment. Finally, CTTs or Technical Cryptologic Technicians deal with Electronic Warfare. CTTs are the first line of defense against inbound threats and Anti-Ship missiles. They also collect, analyze, and provide electronic intelligence support to commands throughout the world.		
Electronics Technician	ET	(Surface) (Submarine Navigation) (Submarine Communications) (Nuclear Power)
Electronics Technicians are responsible for electronic equipment used to send and receive messages, detect enemy planes and ships, and determine target distances. They maintain, repair, and calibrate all electronic equipment used for communications, detection tracking, identification, and navigation. Electronics Technicians are employed onboard nuclear powered ships to maintain the control subsystems in nuclear reactors.		

ENLISTED SKILL TRAINING

General rating	Abbreviation	Service rating
Fire Controlman	FC	
Fire Controlmen maintain the control mechanism used in weapons systems on combat ships. Complex electronic, electrical and hydraulic equipment is required to ensure the accuracy of Navy guided-missile and surface gunfire-control systems. They are responsible for the operation, routine care and repair of this equipment, which includes radars, computers, weapons direction equipment, target designation systems, gyroscopes and rangefinders.		
Fire Control Technician	FT	
Fire Control Technicians maintain the electronic equipment used in submarine weapons systems. They are responsible for the operation and maintenance of the complex electronic, electrical and mechanical equipment required to ensure the accuracy of Navy guided-missile systems and underwater weapons. They are responsible for ship safety by recognizing and analyzing data from several critical systems including sonar, radar, pericsope, radio, and torpedo inputs. Fire Control Technicians are also responsible for the submarine's internal LAN system.		
Gunner's Mate	GM	
Gunner's Mates operate and maintain all gunnery equipment, guided-missile launching systems, rocket launchers, guns, turrets, and associated equipment. They repair electrical, electronic, hydraulic and mechanical systems, and make detailed casualty analysis. They test ammunition, missiles and their ordnance components. GMs train and supervise personnel in the handling and stowage of ammunition, missiles, and assigned ordnance equipment.		
Hospital Corpsman	HM	
Hospital Corpsmen are medical professionals who provide health care to service people and their families. They serve as pharmacy technicians, medical technicians, nurse's aides, physician's or dentist's assistants, battlefield medics, and more. All work falls into several categories: first aid and minor surgery, patient transportation, patient care, prescriptions and laboratory work, food service inspections, and clerical duties.		
Information Systems Technician	IT	
Information Systems Technicians design, install, operate, and maintain state-of-the-art information systems. This technology includes local and wide area networks, mainframe, mini and microcomputer systems and associated peripheral devices. They also write programs to handle the collection, manipulation and distribution of data for a wide variety of applications and requirements. They perform the functions of a computer system analyst, operate telecommunications systems including automated networks and the full spectrum of data links and circuits.		
Legalman	LN	
Legalmen are trained legalaides who assist professionals in the field of law. They work in Navy legal offices, performing administrative and clerical tasks necessary to process claims, conduct court and administrative hearings. They maintain records, documents and legal reference libraries. Legalmen may give advice on tax returns, voter registration procedures, immigration and customs regulations, regulations governing Social Security and veterans' benefits. They perform many duties related to courts-martial and nonjudicial hearings.		
Logistics Specialist	LS	
Storekeepers are the Navy's supply clerks. They see that needed supplies are available including everything from clothing and machine parts to forms and food. They have duties as civilian warehousemen, purchasing agents, stock clerks and supervisors, retail sales -clerks, store managers, inventory clerks, buyers, parts clerks, bookkeepers and even fork lift operators.		

General rating	Abbreviation	Service rating
Master-at-Arms	MA	
Masters-at-Arms uphold law and order aboard ships, shore stations and deploy overseas with expeditionary forces and squadrons performing Antiterrorism/Force Protection (AT/FP) duties. The basic duty of an MA is to enforce rules and regulations, maintain good order and discipline, and protect life and property. Some other duties include conducting criminal investigations, personal protective services, take part in correctional and rehabilitative programs, Military Working Dog (MWD) handlers, small arms instruction, lethal and non-lethal weapons training, and organize and train sailors assigned to Shore Patrol police duty. Their equivalents in the civilian world are detectives and policemen.		
Mass Communications Specialist	MC	
Mass Communications Specialists are public affairs and visual information experts. They present the U.S. Navy story to audiences in the Navy and to the rest of the world through a variety of media. Mass Communications Specialists write and produce print and broadcast journalism, news, and feature stories for military and civilian newspapers, magazines, television and radio broadcast stations. They record still and video photography of military operations, exercises, and other Navy events.		
Mineman	MN	
Minemen test, maintain, and repair mines and their components. They are responsible for assembling, testing, and delivering mines to the planting agent. They maintain minehandling and minelaying equipment.		
Missile Technician	MT	
Missile Technicians assemble, and maintain missiles carried by submarines. They maintain the specialized equipment used in these functions. Although missile components and related testing and handling equipment are primarily electronic, they also work with the mechanical, hydraulic and pneumatic units in the Non-Line-of-Sight Launch System, fire-control systems and missile flight control systems.		
Musician	MU	
Musicians play in official Navy bands and special groups such as jazz bands, dance bands and small ensembles. They give concerts and provide music for military ceremonies, religious services, parades, receptions and dances. Official unit bands usually do not include stringed instruments, but each musician must be able to play at least one brass, woodwind or percussion instrument. Sailors are selected for this rating through auditions.		
Navy Counselor	NC NC(C) NC(R)	 (Career) (Recruiter)
Navy Counselors offer vocational guidance to Navy personnel — individually and in groups — aboard ships and at shore facilities. They assess the interests, aptitudes, abilities and personalities of individuals and assist them in reaching their full potential. They are responsible directly to the command triumvirate (CO, XO, CMC) and report on many items such as retention, attrition, advancement, testing and various other facets of the career development program. Additionally, it is their keen eye and attention to detail that ensure personnel throughout the command are updated on current Navy policies in regards to career management, off duty education and administrative procedures, among various other responsibilities.		

General rating	Abbreviation	Service rating
Operations Specialist	OS	
Operations Specialists operate radar, navigation and communications equipment in the shipboard combat information centers (CICs) or bridges. They detect and track ships, planes, and missiles. They operate and maintain identification friend or foe (IFF) systems, electronic countermeasures (ECM) equipment and radio-telephones.		
Postal Clerk	PC	
Postal Clerks operate the U.S. Navy's large postal system, and have similar duties to their civilian counterparts in the U.S. Postal Service. They send mail on its way, collect postage-due mail, prepare customs declarations, collect outgoing mail, and cancel stamps. They perform a variety of record-keeping and reporting duties, which include maintaining an up-to-date directory service and locater file.		
Personnel Specialist	PS	
Personnel Specialists provide enlisted personnel with information and counseling about Navy jobs, opportunities for general education and training, and promotion requirements. They assist enlisted members' families with legal aid or reassignments in hardship situations. Personnel Specialists keep records up to date, prepare reports, type letters and maintain files.		
Quartermaster	QM	
Quartermasters assist the navigator and officer of the deck (OOD), steer the ship, take radar bearings and ranges, make depth soundings and celestial observations, plot courses and command small craft.		
Religious Programs Specialist	RP	
Religious Programs Specialists assist Navy chaplains with administrative and budgetary tasks. They serve as custodians of chapel funds, keep religious documents and stay in contact with religious and community agencies. They prepare devotional and religious educational materials, set up volunteer programs, operate shipboard libraries, supervise chaplains' offices and perform administrative, clerical and secretarial duties. They train personnel in religious programs and publicize religious activities.		
Special Warfare Boat Operator	SB	
Special Warfare Boat Operators drive fast speedboats down narrow, winding rivers, or the open ocean while performing high speed, medium range, or all weather insertion/extraction of Special Operations Forces. They participate in maritime interdiction operations, tactical swimmer operations, intelligence collection, operation deception, and Coastal patrol.		
Ship's Serviceman	SH	
Ship's Servicemen manage barber shops, tailor shops, ships' uniform stores, laundries, dry cleaning plants and cobbler shops. They serve as clerks in exchanges, gas stations, warehouses, and commissary stores. Some ship's servicemen function as Navy club managers.		
Storekeeper	SK	
Storekeepers are the Navy's supply clerks. They see that needed supplies are available including everything from clothing and machine parts to forms and food. They have duties as civilian warehousemen, purchasing agents, stock clerks and supervisors, retail sales clerks, store managers, inventory clerks, buyers, parts clerks, bookkeepers and even fork lift operators.		

General rating	Abbreviation	Service rating
Special Warfare Operator	SO	
Special Warfare Operators are Navy SEALs. They are trained to jump from airplanes at high altitudes and open their parachutes at low proximity to the earth into frigid waters. They jump from helicopters travelling 30 knots at 30 feet over the water with no parachute. In addition Special Warfare Operators oversee ocean-borne mine disposal, carry out direct action raids against military targets, conduct reconnaissance, and secure beachheads for invading amphibious forces.		
Sonar Technician	ST STG STS	 (Surface) (Subsurface)
Sonar Technicians are responsible for underwater surveillance. They assist in safe navigation and aid in search, rescue and attack operations. They operate and repair sonar equipment and jam enemy sonars. Sonar Technicians operate, maintain and repair sonar systems, antisubmarine warfare fire control equipment and other various equipment associated with underwater detection, counter-detection, warfare and communications.		
Torpedoman's Mate	TM	
Torpedoman's Mates maintain underwater explosive missiles, such as torpedoes and rockets that are launched from surface ships, submarines and aircraft. They maintain launching systems for underwater explosives, and are responsible for shipping and storage of torpedoes and rockets.		
Yeoman	YN	
Yeomen perform secretarial and clerical work. They deal with visitors, telephone calls and incoming mail. They organize files and operate copy machines and order and distribute supplies. They write and type business and social letters, notices, directives, forms and reports.		

Engineering and Hull Ratings

General rating	Abbreviation	Service rating
Damage Controlman	DC	
Damage Controlmen perform the work necessary for damage control, ship stability, fire-fighting. They also prepare defenses against chemical, biological and radiological (CBR) warfare attacks. They instruct personnel in damage control and CBR defense and repair damage-control equipment and systems.		
Electrician's Mate	EM	
Electrician's Mates are responsible for the operation and repair of a ship's or station's electrical power plant and electrical equipment. They also maintain and repair power and lighting circuits, distribution switchboards, generators, motors and other electrical equipment. Electrician's Mates are employed onboard nuclear powered ships to maintain the control subsystems in nuclear reactors.		

General rating	Abbreviation	Service rating
Engineman	EN	
Enginemen are responsible for internal diesel and gasoline engines. They also maintain refrigeration, air-conditioning, distilling-plant engines and compressors.		
Explosive Ordnance Disposal	EOD	
Explosive Ordnance Disposal Technicians locate, identify, render safe and dispose of all forms of ordnance (conventional, nuclear, chemical, biological, military, and improvised) both U.S. and foreign made. Parachute or Helicopter insertion and deep-sea diving capabilities are sometimes necessary to perform this mission. In addition to working closely with other military services, EOD technicians occasionally assist civilian law enforcement agencies.		
Gas Turbine System Technician	GS GSE GSM	 (Electrical) (Mechanical)
Gas Turbine System Technician are responsible for all gas turbine engines. They maintain propulsion machinery, including gears, shafting and controllable pitch propellers, assigned auxiliary equipment propulsion control systems, electrical and electronic circuitry up to the printed circuit module, and alarm and warning circuitry. They handle administrative tasks related to gas turbine propulsion system operation and maintenance.		
Hull Maintenance Technician	HT	
Hull Maintenance Technicians are responsible for maintaining ships' hulls, fittings, piping systems and machinery. They install and maintain all shipboard and shore based plumbing and piping systems. They look after a vessel's safety and survival equipment and perform many tasks related to damage control.		
Interior Communications Electrician	IC	
Interior Communications Electricians operate and repair electronic devices used in the ship's interior communications systems, SITE TV systems, 1MC (public address system), electronic megaphones and other announcing equipment. They are responsible for the gyrocompass systems.		
Machinist's Mate	MM	
Machinist's Mates are responsible for the continuous operation of the many engines, compressors, gears, refrigeration, and air-conditioning equipment along with other types of machinery onboard ships and shore installations. They are responsible for the ship's steam propulsion and auxiliary equipment and the outside (deck) machinery. Machinist's Mates are deployed onboard nuclear powered ships to maintain the machinery and piping in nuclear reactors.		
Machinery Repairman	MR	
Machinery Repairmen are skilled machine tool operators. They make replacement parts and repair or overhaul a ship's engine auxiliary equipment, such as evaporators, air compressors and pumps. They repair deck equipment, including winches, hoists, condensers, and heat exchange devices. Shipboard Machinery Repairmen frequently operate main propulsion machinery, besides performing machine shop and repair duties.		

General rating	Abbreviation	Service rating
Navy Diver	ND	
Navy Divers are responsible for a wide variety of tasks like underwater ship maintenance, construction, explosive ordnance disposal (EOD), and underwater rescue. They are assigned to Naval Special Warfare Units to provide diving technical expertise and supervisory support to all submersible operations.		

ENLISTED LEADERSHIP TRAINING

Military operations in today's world require strong leadership skills. All leaders must have and be able to instill in their subordinates' character, strong values and high standards. The Navy Leadership Continuum is a career-long continuum of Navy leader development, from recruitment to retirement. A total of four Leadership Training Courses have been developed to form the cornerstone of that continuum. These progressive and sequential courses are all two weeks with the exception of the nine- week Senior Enlisted Academy. Four major themes are the foundation of all the courses: values; responsibility, authority, and accountability of leadership; unity of command, Navy and services and continuous improvement. The Navy has recently revamped its leadership training and makes these programs available to other countries. Programs include:

The **Senior Enlisted Academy (SEA) (MASL P171019)** prepares selected senior enlisted personnel in pay grades E8/9, Command Master Chiefs and Chiefs of the Boat for their demanding leadership and management responsibilities. The curriculum addresses the following areas: Communication Skills, Leadership and Management, National Security Affairs, Navy Programs, and Physical Readiness. Senior enlisted leaders from allied Navies enhance the educational process at the Senior Enlisted Academy. Their leadership knowledge and management experience is shared with the entire class and strengthens military relations and heightens our knowledge of the leadership concerns of their enlisted sailors. Foreign students add an additional resource for the SEA students to tap, creating a well informed, culturally diverse military leader ready for any challenging billet.

The **International Professional Enlisted Leadership (IPEL) (MASL P171039)** This course provides leadership education and training for senior enlisted personnel (E-5 to E-9) of all military services and has been designed to create a cadre of individuals in participating countries who can: 1) rise to levels of prominence within a country's enlisted leadership ranks; 2) serve as liaison personnel for the various U.S. (or other allies') METs or MTTs or other COCOM sponsored visits, funded from a variety of sources, that are geared to improve enlisted professionalism and leadership; or 3) become instructors for a national military education effort to improve not only enlisted professionalism and leadership skills, but also, hopefully, to create an understanding of the necessity for a more skilled, better trained, more professional cadre of enlisted leaders. IPEL combines the best aspects of time tested and proven leadership training with the latest state of the art educational methods. The course was designed first and foremost with a singular focus on enhancing the leadership capabilities and professional development of international senior enlisted military members. Core educational subjects such as leadership, personality profiling, instructor training, computer skills, physical training, time management and subordinate mentorship and counseling are addressed in detail by both classroom lecture and student exercises. In addition to these traditional subjects, 24 class hours are spent outdoors on the NAS Pensacola Leadership Reaction Course (LRC) which provides the very best "real world" training in the areas of leadership, team building, communication and decision making skills. Along with our experienced instructor staff, several "Subject Matter Expert" guest speakers provide valuable insight into a broad field of relevant leadership issues such as: alcohol and drug abuse, suicide prevention, stress management, hazing and the Rule of Law. Students completing this professional course of instruction will not only have greatly improved their own leadership skills and professional development, but will return to their commands with a wealth of knowledge and professionalism that should provide a long lasting positive influence to their countries' military services. In addition to the 5-week resident course IPEL is also offered as an MET (MASL P300114, Variable Duration). Each MET is specifically designed for the host country and its content reflects the requirements

and preferences identified and agreed to by the host country during the initial assessment. METs can vary in length from one to five weeks and can be offered to general audiences or specifically targeted particular pay grades from E-5 to O-3 or any combination thereof. METs can also be used to "train the trainers" while setting up a national enlisted leadership training and education program. The MET's curriculum can be provided in the language desired by the host country using simultaneous translation and instructors with international language capability. Countries requesting METs have found it most useful to send 2-4 potential instructors to the resident IPEL course so that those individuals can act as both liaison for the visiting MET and as the core of the host country's future self-training and education efforts. On base housing and messing are available along with local transportation. Students attending the IPEL course will also be fully engaged in an active Field Studies Program and make numerous command visits to operational commands throughout the Gulf Coast states. The course that convenes on 12 September 2011 will be taught in English with simultaneous Spanish translation provided for Spanish speaking countries that may want to target that start date.

The **Leadership Principles for Junior Enlisted Mobile Training Team (MTT) (MASL P309321)** is designed to provide non-commissioned officers and junior personnel in equivalent leadership positions with the requisite leadership skills necessary to function as effective leaders and managers within their job positions. Throughout the course, several different principles and concepts will be introduced, examined, and discussed in detail to fully explore the focal point. This course is intended to provide the student with an understanding of the role and responsibilities of a leading supervisor.

The **Leadership Principles for Senior Enlisted MTT (MASL P309322)** is designed to prepare senior enlisted to better fulfill their expanded leadership and management responsibilities and to strengthen the senior enlisted commitment to professional excellence and mission accomplishment. Curriculum focuses on leadership competencies in accomplishing the mission, leading change, leading and working with people, and resource management. Emphasis on physical fitness training and maintaining a healthy lifestyle is interwoven into the course experience. The course is presented in an open forum discussion and encourages the sharing of ideas and experiences, reasoning in problem solving and fosters self-confidence and team building concepts to strengthen and develop strong leaders.

SPECIALTY TRAINING

This section of the catalog provides information on schoolhouses that provide training not directly geared to any one specific officer designator or enlisted rating.

DEFENSE LANGUAGE INSTITUTE ENGLISH LANGUAGE CENTER (http://www.dlielc.org)

The Defense Language Institute English Language Center (DLIELC) conducts the English Language training program at Lackland Air Force Base, Texas, to prepare international military and civilian students for entry into technical training courses conducted by the US military departments.

At DLIELC, small classrooms, equipped with the latest in training technology, are specifically designed to support student-centered instruction. In addition, the DLIELC curriculum meets the diverse needs of the adult military population with courses that address the specific language requirements of international military students' career fields.

The following courses may be scheduled to start any week:
General English Language Training (GET) (MASL D177027)
The purpose of GET is to raise a student's English language proficiency to the level required to enter follow on training.

Specialized English Training (SET) (MASL D177008)
This nine (9) week course focuses on language/study skills and terminology associated with technical training and professional military education. Students must achieve the English Comprehension Level (ECL) and Oral Proficiency Interview (OPI) (if applicable) requirements for entry into the follow-on training course **BEFORE** entry into SET.

American Language Course (MASL D177009)
This course is variable in length (minimum 10 weeks), includes General English Training and Specialized English Training.

Additional courses available at DLIELC include:

Oral Proficiency Skills for Aviation Course (MASL D177026)

Test of English as a Foreign Language (TOEFL) (MASL D177022) Integrated Skills for Academic Purposes Course

Course descriptions and schedules can be found at the DLIELC website above.

NETSAFA INTERNATIONAL TRAINING CENTER (NITC)

(https://www.netsafa.navy.mil/det/nitc.asp)

NITC's mission is to "The enhance NETSAFA's global impact by providing state of the art preparatory and specialized training to international military students in support of national security objectives". NITC introduces students to the U.S. Navy's training methodologies through specialized instruction that is tailored to individuals in small classroom settings. The schoolhouse conducts international officer and enlisted training in numerous military disciplines, both operational and administrative, and has successfully met the needs of several different nations. NITC is subordinate to its parent command, NETSAFA, which oversees all U.S. Navy and U.S. Marine Corps conducted international training.

Utilizing preparatory programs such as are available at NITC, international clients can enjoy the same course completion rates as their U.S. counterparts in a variety of academic and military disciplines. NITC's methodology is to immerse student in a U.S. training classroom environment with classroom material specifically tailored to address all required follow-on training subject areas.

Additionally, NITC has developed specialized training courses in three areas that are not intended as preparatory for specific follow on training. These specialized courses are taught as seminars with the goal of using student interaction with each other, as much as with the instructor and our numerous guest speakers, to enhance the learning environment. These three individual courses focus on international anti-terrorism and piracy, international professional enlisted leadership practices and manpower, personnel, training and education implementation and administration, respectively.

NITC broadens our student's mental capability, enhances their ability to process information, facilitates language growth through classroom interaction, instruct them in computer based training devices, and prepares them, mentally and physically, for demanding physical training activities. NITC is able to accommodate a wide variety of training needs through existing courses and training support instruction. Courses can also be tailored to specific training needs.

The Center is equipped with classrooms, study/work rooms and computer labs with simulator and interactive computer instruction programs.

NITC was initially established in 1985 to meet the needs of Royal Saudi Naval Force students by providing them additional academic and physical training to enhance their success in the rigorous U.S. Navy flight training program. The Center was reorganized as the NETSAFA International Training Center (NITC) in 1998, and is located aboard NAS Pensacola, Florida.

NITC stands ready to develop preparatory or instructional courses for any emerging training requirement. Please contact your NETSAFA Country Manager to discuss possible NITC preparatory instruction or training support initiatives.

SPECIALTY TRAINING

Some existing NITC courses and preparatory instruction include:

International Anti-Terrorism/Anti-Piracy Officer Course (P173002) – This course offers strategic and operational education and training to participating countries through a variety of U.S. Departments and Agencies and is designed to assist friendly Governments and militaries in defending against terrorism and piracy. Attendance can be funded from a variety of U.S. Military Cooperation and Assistance funds including, but not limited to CTFP, IMET, FMS and FMF funding. The overall course objective is to educate students on the most recent principles of anti-terrorism and antipiracy and the efforts being made worldwide to combat these threats to national well-being and economy. The course features expert military, government and civilian guest speakers, numerous case studies and interactive student exercises with field trips to harbors, airfields, power plants, shipyards and similar potential terrorist targets. Further, the course is designed to be a participatory learning experience and will actively engage students throughout, benefiting not only from the course presentations and materials, but the input of fellow students who come to the course from countries around the world.

International Professional Enlisted Leadership – (MASL P171039) - This course provides leadership education and training for senior enlisted personnel (E-5 to E-9) of all military services and has been designed to create a cadre of individuals in participating countries who can: 1) rise to levels of prominence within a country's enlisted leadership ranks; 2) serve as liaison personnel for the various U.S. (or other allies') METs or MTTs or other COCOM sponsored visits, funded from a variety of sources, that are geared to improve enlisted professionalism and leadership; or 3) become instructors for a national military education effort to improve not only enlisted professionalism and leadership skills, but also, hopefully, to create an understanding of the necessity for a more skilled, better trained, more professional cadre of enlisted leaders. IPEL combines the best aspects of time tested and proven leadership training with the latest state of the art educational methods. The course was designed first and foremost with a singular focus on enhancing the leadership capabilities and professional development of international senior enlisted military members. Core educational subjects such as leadership, personality profiling, instructor training, computer skills, physical training, time management and subordinate mentorship and counseling are addressed in detail by both classroom lecture and student exercises. In addition to these traditional subjects, 24 class hours are spent outdoors on the NAS Pensacola Leadership Reaction Course (LRC) which provides the very best "real world" training in the areas of leadership, team building, communication and decision making skills.

Manpower, Personnel, Training and Education (MPT&E) Course (MASL P179204) - The MPT&E course consists of a five week curriculum that integrates interactive classroom presentations with field visits designed to afford participants a “hands-on” look at how the U.S. Military recruits, trains, and manages its personnel in order to have available trained and “combat ready” personnel necessary to accomplish its mission. Any branch of the military will find this course to be of extreme importance in adopting effective manpower and personnel policies and procedures along with the corresponding training programs and education techniques.

SPECIALTY TRAINING

Basic Aviation Preparatory Training (MASL P119311) - The Basic Aviation Preparatory Training curriculum supports preparatory instruction prior to entry into the U.S. Navy undergraduate pilot and naval flight officer training pipelines. This curriculum consists of six primary areas of instruction: Aerodynamics, Aircraft Engines, Navigation, Flight Rules and Regulations, Meteorology, and Physical Fitness/Survival Swim/CPR/First Aid. Further, this training supports students with ongoing preparatory instruction throughout the U.S. Naval Aviation pilot and naval flight officer training pipelines.

Marine Forces Preparatory Training (MASL P129600) - Marine Preparatory Course for The Basic School (TBS) Prepares International Officers for successful completion of U. S. Marine Corps' Basic Officer Course, at The Basic School, Quantico, VA. This 16 week course's curriculum consists of seven primary areas of instruction: Leadership, Physical Fitness/Combat Water Survival, Land Navigation, Small Unit Tactics, Communications, Call to Fire and Weapons. This course can also be used as a stand-alone program for fundamental combat arms training and physical conditioning.

Technical Preparatory Training Phase I & II, (MASL's P179610, 612, 613, and 614) – Technical Preparatory Training is accomplished at NITC's International Technical Preparatory School (ITTPS). ITTPS provides a basic education in science, math, and specific technical fields prior to entry into U.S. Navy Class A1 (Initial Skill Training –Enlisted) Schools. ITTPS consists of two phases. Phase I focuses on fundamental skills training, and Phase II focuses on one of three specific academic areas; Mechanics, Electricity and Electronics, or Logistics/Computers.

Management Information Systems (MASL PDET002) – Provides basic instruction in computer technology, operating systems, and software applications.

Physical Fitness and Water Survival Preparatory Training (MASL PDET006) – Provides physical fitness and water survival preparatory training to support follow-on courses with intensive physical training or swimming requirements.

BUD/S (Basic Underwater Demolition/SEAL) or Dive School Preparatory Training (MASL PDET016) – Program provides intensive physical fitness and water survival preparatory instruction prior to entry into the US. Navy BUD/S or Dive School.

Explosive Ordnance Disposal (EOD) Preparatory Training (MASL P122079) – Provides specialized instruction in EOD concepts, math and science skills. Course also provides international students with academic skills and practical knowledge in training orientation, study and learning skills, and vocabulary.

International Storekeeper (SK-A) (MASL P152008) – Provides the knowledge and skills necessary to perform the basic job tasks required by the Storekeeper rating to include: supply administration; material identification; material procurement; material receipt, stowage and handling; basic inventory management afloat; financial management; COSAL; SUADPSRT; SNAP II. Areas covered will include the Navy Supply System, customer service, Navy correspondence, material identification and procurement, basic OPTAR accounting, material receipt, stowage and inventory control utilizing the Integrated Barcode System (IBS), supply forms, basic supply acronym and Military Standard Requisitioning and Issue Procedures (MILSTRIP) for effective performance as an apprentice storekeeper under supervision. Graduates of the course will perform these job tasks in Navy, computer-oriented, supply support environments for surface, submarine, shore duty or reserve communities.

Combating Terrorism Fellowship Program (CTFP) Course List

As of 14 February 2011

PRE-APPROVED COMBATING TERRORISM COURSES
CONUS Courses
General Combating Terrorism Focus
CCMR Civil-Military Responses to Terrorism: Global (P179018) (2 wk in-residence)
CCMR Civil-Military Cooperation (CIMIC) and Combating Terrorism (P179021)
NPS International Information Warfare (MS Program) (P179222)
NPS 693 - Counterterrorism Policy & Strategy-(MS Program) (P173201)
Intel Focus
CCMR Executive Program In Defense Decision Making (P170001)
Maritime Focus
CCMR Maritime Terrorism (P179022)
International Antiterrorism Officer Course (NITC Pensacola Florida) (P173002)
Strategic Level Small Craft Combating Terrorism (NAVSCIATTS) (P145054)
Legal Focus
DIILS International Law of Military Operations (P176027)
DIILS Legal Aspects of Combating Terrorism (P176028)
DIILS Legal Aspects of Accountability in the Military and Public Agencies (P176040)
DIILS Rule of Law & Disciplined Military Operations (Spanish) (Lackland AFB) (D176006)
Special Ops Focus
NPS 699 - Special Operations (MS Program) (P173200)

Mobile Courses
CCMR Civil-Military Responses to Terrorism: Consequence Management (P309041)
CCMR Civil-Military Responses to Terrorism: (P273011 - Regional) (P309069 - Bilateral)
CCMR Civil-Military Responses to Terrorism: Countering Ideological Support of Terrorism (P309042)
CCMR Civil-Military Responses to Terrorism: Intelligence and Combating Terrorism (P309043)
CCMR Civil-Military Responses to Terrorism: Maritime Security (P309044)
CCMR Civil-Military Responses to Terrorism: Media Dynamics and Public Affairs (P309226)
CCMR Civil-Military Responses to Terrorism: Border Security (P309227)
CCMR Civil-Military Cooperation (CIMIC) and Combating Terrorism (P179021)
CCMR Counter Terrorism Assessment (P319027)
CCMR Cyber Terrorism and Information Warfare (P309228)
DIILS Legal Aspects of Combating Terrorism MET (P309063 - Bilateral) (P309062 - Regional)
Special Ops Combating Terrorism MET (JSOU) (D309048)
PRE-APPROVED HOMELAND DEFENSE COURSES
CONUS Courses
CCMR Civil-Military Responses to Terrorism: Consequence Management MET (P309041)
CCMR International Homeland Defense MET (P309158)
CCMR Civil-Military Responses to Terrorism: Maritime Security MET (P309044)
CCMR Maritime Terrorism (P179022)
NPS 686 - Stabilization and Reconstruction (MA Program) (P179028)
NPS 685 - International Security and Civil-Military Relations (MS Program) (P171403)
Mobile Courses
CCMR International Homeland Defense MET (P309158)
This course, among others, could be approved for CTFP funding with appropriate justification
Coalition Staff Planning (Expeditionary Warfare Training Group Pacific San Diego, CA) (P171008)

International Only Courses

MASL	COURSE TITLE	OFFERED
P121022	International CIC Watch Officer	JAN/MAR/SEP
P121023	AIC Intl – CSCS Detachment PT Loma CA	FEB/AUG
P122560	International Diesel Submarine Training	MAY
P122571	International Joint Maritime Tactical Development	OCT
P123073	INTL ASW Air Control (ASAC), CSCS Learning Site Norfolk	MAY/JUL/OCT
P123653	INTL ASW Junior Officer Course CSCS FLTASWTRACENPAC	NOT AVAILABLE
P129149	INTL Damage Control Assistant	JUL
P139336	EW Officer International	NOT AVAILABLE
P172003	International Maritime Intelligence Course	MAY/SEP
P179135	Surface Warfare Officer (SWOS) Department Head Op	APR/AUG
P179136	SWOS International	APR/AUG
Related but not Intl only		
P129340	ASW Eval, CSCS FLTASWTRACENPAC San Diego CA	JAN/MAR/MAY/JUL/SEP
P121006	AIC Proficienty Maint, CSCS Detachment PT Loma CA	FEB/MAR/APR/JUN/JUL
SUPPLY		
P152011	International Officer Supply Course - Resident	Summer/Fall
P152003	International Officer Supply Course – Travel Portion	
P171053	Intl Logistics Executives Advanced Development (ILEAD)	

MASL	COURSE TITLE	OFFERED
NAVOCEANO		
P169208	Intl Hydrographic Management and Engineering Program	NOT AVAILABLE
P169265	International Hydrographic Science Applications Program	NOT AVAILABLE
Joint Forces Staff College (JFSC)		
P171014	Joint and Combined Warfighting School (JCWS)	MAR/JUN
P171016	Joint Transition Course (JTC)	MAR/JUN
DRMI		
P162003	International Defense Management Course	APR/SEP
P162004	Senior International Defense Management Course	JUN
All CCMR Courses		
All IDARM Courses		
All DIILS Courses		
All EOD Courses		
All NAVSCIATTS Courses		

SECURITY FORCE ASSISTANCE
(http://www.mcast.navy.mil/docs/ETC-Catalog.pdf)

Maritime Civil Affairs and Security Training (MCAST) Command / Security Force Assistance Detachment (SFA DET).

Mission: In support of the Naval Component Commander, MCAST will deliver maritime expeditionary core capability training and instruction in the areas of naval construction, maritime civil affairs, maritime expeditionary security, riverine, expeditionary logistics, explosive ordnance disposal, mobile diving and salvage, and skill sets external to NECC. This mission will be carried out by teams of MCAST personnel with the subject matter expertise to train foreign audiences at a basic to intermediate level.

- Small Boat Operations and Tactics
- Maritime Combat Operations
- Weapons
- Anti-terrorism / Force Protection
- Maintenance and Construction
- Leadership / Professional Development
- Operational Employment

Concept of Operations: To maximize training opportunities, MCAST will execute the following processes to provide a MTT. All four processes listed below are required, but may be tailored based on situation and the Host Nation (HN) training history as annotated below. Planning for these processes is worked in parallel whenever possible.

Pre-Training Site Visit (PTSV): Executed by MCAST team of 2-4 personnel. PTSV can visit the HN independently or in company with participating staffs to identify training resources, locations, and clarify training expectations. The PTSV is crucial to reconciling HN stated capabilities with MCAST course objectives and ensures MCAST properly tailors and delivers the desired curricula. Once the PTSV is concluded, a minimum of 60 days is required to plan and execute a mission. In certain circumstances, this timeline can be modified dependent upon curricula sophistication and history of training.

Determination of MTT Composition: MCAST teams are manned with a combination of MCAST personnel and Subject Matter Expert(s) (SME). In order to source SME from parent commands, a minimum of 30 days is necessary. The SME requirement specifics are best determined through discussion between the requestor and MCAST prior to the formal request.

Curricula Development: MCAST staff will either tailor existing Military Articles and Services List (MASL) course to HN language and culture, or develop new curricula. This process will normally take a minimum of 30 days with a nominal maximum of 90 days for new curricula depending on the course material.

MTT Execution: Executed by an organic MCAST team or MCAST led team of augmented SME of 2-6 personnel per course.

SECURITY FORCE ASSISTANCE MOBILE TRAINING COURSES

SMALL BOAT OPERATIONS AND TACTICS

Basic Small Boat/Navigation (MASL P309325) - This course familiarizes students with procedures to be followed for the safe and effective operation of small boats (less than 15 meters in length). Course contents will be tailored to meet partner country's requests and capabilities. Course topics include basic coxswain skills, navigation, towing, deck seamanship, marline spike seamanship, fire fighting, and engineering casualty control.

Waterborne Security (MASL P309302) - This course familiarizes students with the concepts and execution of small boat operations in defense of High Value Assets moored in port, at anchorage or in transit. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include harbor familiarization, navigation refresher training, formation driving, advanced maneuvers, shouldering, weapons employment, layered defense, defensive maneuvers, and Patrol Order Briefs.

MARITIME COMBAT OPERATIONS

Boarding Officer (MASL P309303) - Students will be guided through the leadership procedures for each phase of a boarding operation. Course will be tailored to meet partner country's requests and capabilities. Course topics include safety, mission planning, pre-boarding procedures, documentation review, vessel inspection (cargo and personnel), threat identification and management, evidence collection, procedures for health and comfort inspections, training management, medical incidents, and after action report submission.

MTT- MIO Boarding Team Operations (MASL P309304) – Prepares students to perform basic boarding and inspection procedures in support of Maritime Interdiction Operations (MIO). Course will be tailored to meet partner country's requests and capabilities. Topics include safety, water survival, physical/defensive training, compliant boarding, knot tying techniques, basic weapons handling and employment, ladder climbing, shipboard and container inspection procedures, tactical movements, document inspection, mission planning, & communications.

WEAPONS

Small Arms Marksmanship (MASL P309307) - The Small Arms Marksmanship course is designed to provide personnel the training required to perform duties involving the use of small arms. Training package will be tailored to suit the partner nation's requests and capabilities. Course topics include weapons safety, weapon characteristics, basic operation and maintenance, marksmanship fundamentals, and shooter coaching techniques.

Crew Served Weapons Operations and Maintenance (MASL P309308) - This course is designed to train personnel in the operation and maintenance of light, medium, and heavy machine guns. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include cycle of operation, disassembly and reassembly, parts nomenclature, and maintenance and preservation techniques.

Crew Served Weapons Employment (MASL P309309) - This course is designed to train personnel to perform the duties of a crew served weapons gunner in the use of light, medium, and heavy machine guns. Course contents will be tailored to meet partner country's requests and capabilities. Course topics will include tactics, malfunctions, trigger control, marksmanship, and reloading techniques.

Small Boat Crew Served Weapons Employment (MASL P309310) - This course is designed to train personnel to perform the duties of a crew served weapons gunner in the use of light, medium and heavy machine guns while underway on a small boat. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include tactics, cutout zones, malfunctions, trigger control, and reloading techniques.

ANTI-TERRORISM / FORCE PROTECTION

AT/FP Physical Security Planning (MASL P309311) - Familiarizes students with physical security concepts of planning through a combination of classroom lectures, discussions and practical exercise in an entry control point. Target audience is a shore installation's security department supervisory, management and staff personnel. Topics include security site surveys & assessments and to be tailored to meet partner country's requests and capabilities.

Armed Sentry (MASL P309312) - This course will provide the necessary knowledge and skills needed to perform the duties and responsibilities of a Security Force Sentry controlling access to security assets. Course contents will be tailored to meet partner country's requests and capabilities. Students will learn to implement immediate actions required to identify, assess, track and deter potential threats utilizing and demonstrating the proper tactics, techniques and procedures using escalating force measures.

Advanced Security Tactics (MASL P309313) - Provides personnel assigned as a Security Reaction Force Team Member the knowledge, skills, and abilities to deter, detect, defend, and mitigate potential terrorist threats in an asymmetrical environment. Students learn to perform as Security Reaction Force Team Members and Team Leaders, including the ability to manage a Force Protection Team. Students are trained in the advanced principles of 2, 4, and 6 person team movements including: close quarter combat, tactical communications, and mission planning. Course tailored to meet partner country requests and capabilities.

MAINTENANCE AND CONSTRUCTION

Small Boat Maintenance and Repair (MASL P309315) - Familiarizes students on design, construction, and maintenance of small boats through boat inspection, preventive maintenance, and identifying and correcting potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include diesel engine maintenance, outboard motor maintenance, fiberglass repair, basic electrical repair and general small boat repair.

Vehicle Maintenance and Repair (MASL P309316) - Familiarizes students on design, construction, and maintenance of light vehicles through vehicle inspection, preventive maintenance, and identifying and correcting potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include diesel and gasoline engine maintenance, basic electrical repair, mechanical systems, hydraulic systems, and general vehicular systems repair.

Basic Engine/Generator Maintenance and Repair (MASL P309317) - Familiarizes students on design, construction, theory, and maintenance of small engines (gasoline or diesel) and portable generators within specifications through preventive maintenance to identify and correct potential problems before the equipment becomes inoperable. Course will be tailored to meet partner country's requests and capabilities. Course topics include the methods, materials, tools, and personnel needed for engine or generator maintenance.

Maintenance Management (MASL P309318) - This course familiarizes students on maintaining equipment within specifications through preventive maintenance to identify and correct potential problems before the equipment becomes inoperable. Course contents will be tailored to meet requesting country's needs and capabilities. Students will learn scheduling and control of the performance task. Course topics include safety and risk management, maintenance fundamentals, preventive and corrective maintenance, the maintenance hierarchy, tag out systems, maintenance system development, equipment alterations, and inactive equipment maintenance.

LEADERSHIP / PROFESSIONAL DEVELOPMENT

Train the Trainer (MASL P309320) - This course provides training in the application of principles of learning, including instructional methods, effective communications, oral questioning, and presentation techniques appropriate to the instructional classroom and/or other learning environments. Students plan, develop, and present lessons using the lecture, demonstration, and performance methods of instruction.

Leadership Principles (Junior Enlisted) (MASL P309321) - This course is designed to provide non-commissioned officers and junior personnel in equivalent leadership positions with the requisite leadership skills necessary to function as effective leaders and managers within their job positions. Throughout the course, several different principles and concepts will be introduced, examined, and discussed in detail to fully explore the focal point. This course is intended to provide the student with an understanding of the role and responsibilities of a leading supervisor.

Leadership Principles (Senior Enlisted) (MASL P309322) - This course is designed to prepare senior enlisted to better fulfill their expanded leadership and management responsibilities and to strengthen the senior enlisted commitment to professional excellence and mission accomplishment. Curriculum focuses on leadership competencies in accomplishing the mission, leading change, leading and working with people, and resource management. Emphasis on physical fitness training and maintaining a healthy lifestyle is interwoven into the course experience. The course is presented in an open forum discussion and encourages the sharing of ideas and experiences, reasoning in problem solving and fosters self-confidence and team building concepts to strengthen and develop strong leaders.

Leadership Principles (Junior Officers) (MASL P309323) - This course familiarizes students with the roles and responsibilities of Junior Officers and their education. They will be responsible for the planning and execution of division level functions including the professional and personal growth of personnel within that division. Course contents will be tailored to meet requesting country's requests and capabilities. Course includes discussions surrounding what makes a good leader and how to motivate personnel.

OPERATIONAL EMPLOYMENT

Basic Riverine Operations (MASL P309324) - This course familiarizes students with the concepts and execution of various aspects of basic riverine operations. Course topics include river familiarization, navigation refresher training, formation driving, advanced maneuvers, shouldering, weapons employment, layered defense, defensive maneuvers, blockade operations, patrol operations, force landing / extraction support operations and Patrol Order Briefs. Course contents will be tailored to meet partner country's requests and capabilities.

NAVY SMALL CRAFT INSTRUCTION AND TECHNICAL TRAINING SCHOOL (NAVSCIATTS)

(www.navsoc.socom.mil/NAVSCIATTS)

Mission

"NAVSCIATTS conducts Foreign Internal Defense (FID) in support of Combatant Commanders in accordance with Commander, U.S. Special Operations Command priorities using Mobile Training Teams (MTTs) and in-residence training to prepare partner nation forces to conduct small craft operations in riverine or littoral environments."

Location

NAVSCIATTS is located on the Mississippi coast, 45 miles (72 kms) northeast of New Orleans. The recommended airports for arrivals and departures are the New Orleans International Airport (MSY) and the Gulfport-Biloxi Regional Airport (GPT). NAVSCIATTS staff members will meet the students at the airport for transportation.

Student Life
To augment the student's training, NAVSCIATTS, in conjunction with Navy IPO, organizes educational trips through the Field Studies Program (FSP). Points of interest include local businesses and civic activities in Southern Mississippi, Louisiana, Alabama and Florida. The aim is that International Military Students (IMSs) return to their homeland with an understanding of the responsibilities of governments, militaries, and citizens to protect, preserve, and respect the rights of every individual and the understanding of the roles and interrelationships of a culturally, ethnically, economically, and socially diverse population in a democratic society. To enhance the Field Studies Program, all nations represented in each class session are asked to share with the rest of the class and staff, an oral presentation about their home country. Additionally, NAVSCIATTS has a physical training facility with weights and aerobic machines, a soccer field, a running track, a volleyball court, a basketball court, a horseshoe pit, high-speed Internet lounge, a DVD library, Play Stations, and a grill/gazebo area for barbecues and picnics.

Mobile Training Teams
NAVSCIATTS tailors courses for instruction within a host nation and utilizes Mobile Training Teams (MTTs) to provide this training. MTTs can be conducted in English, Spanish, or in the host nation's language through the use of an interpreter. The host nation can request an MTT via U.S. Security Cooperation Officer (SCO) or the SCO can initiate the process.

COURSE DESCRIPTIONS

Patrol Craft Operations in a Riverine Environment (MASL P145909)
Objective: To provide students the specialized training necessary to safely and effectively plan and execute patrol craft operations in riverine and littoral environments.
Length/Scope: Nine-week course consists of instruction in patrol craft familiarization, first aid, mission planning, navigation, seamanship, the use of GPS, grid maps, radar and night vision equipment, basic communications, principles of board and search, patrol formations, weapons training, patrol craft movement and formations during daylight and night time hours, insertion and extraction of forces, immediate action drills . A final riverine field training exercise is conducted in conjunction with the Patrol Officer's Communication Course to ensure that all students have accomplished course objectives.
Special Information: This course is designed for junior officers and enlisted personnel. In addition to the general prerequisites, students should be familiar with small craft operations and be in good physical shape. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course. Students are required to bring a set of boots and at least two sets of camouflaged utilities.

Patrol Craft Propulsion System Overhaul and Maintenance (MASL P145907)
Objective: To provide the student with the training necessary to extend the service life cycle of small craft diesel engines.

Length/Scope: Eight-week course consists of detailed instruction in the *6V92 TA Detroit Diesel* engine specifications and characteristics, operating principles, lubrication, cooling, air and fuel systems. Training includes a complete overhaul including disassembly, troubleshooting, inspection, cleaning, repair, tune-up and reassembly of the *6V92 TA Detroit Diesel* engine, twin disc transmission maintenance, service and practical application techniques. In addition, students will learn tools and their uses, precision measuring instruments and shop safety. The principles learned here will apply to all diesel engines.
Special Information: This course is designed for junior officers and enlisted personnel. In addition to general prerequisites, students should exhibit average mechanical aptitude. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course to include two coveralls and one pair of steel toe boots.

Patrol Craft Hull Maintenance (MASL P145903)
Objective: To provide the student the basic training required to perform structural repairs and preventative maintenance to steel, aluminum, fiberglass and inflatable hull small craft at the apprentice level.
Length/Scope: Eight-week course consists of instruction in hand tools, oxyacetylene cutting, welding and brazing techniques, electric arc and aluminum MIG welding, fiberglass and inflatable boat repair. Practical applications of techniques are employed in all areas of instruction to accomplish course objectives.
Special Information: This course is designed for junior officers and enlisted personnel. In addition to general prerequisites, students should be familiar with engineering or repair duties. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course to include two coveralls and one pair of steel toe boots.

Outboard Motor Maintenance and Overhaul (MASL P145906)
Objective: To provide the student the training required to maintain, and overhaul outboard motors.
Length/Scope: Eight-week course consists of engineering fundamentals, shop safety, precision measuring and special tools, lubricants and cleaning agents, internal combustion theory, electrical and fuel systems, preventive maintenance and troubleshooting, gear case and power head overhaul. Practical application techniques train the student to reference the manufacturer's technical manual utilizing *Bombardier* 150HP outboard motors as training aids.
Special Information: This course is designed for junior officers and enlisted personnel. In addition to general prerequisites, students should exhibit average mechanical aptitude. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course to include two coveralls and one pair of steel toe boots.

Patrol Craft Weapons Maintenance (MASL P145904)
Objective: To provide the student with basic training required to repair and perform routine preventative maintenance on patrol craft and crewmember weapons systems.

Length/Scope: Four-week course consists of instruction in various individual small arms and patrol craft mounted weapons to include the M9, M1911A1 and P226 pistols; the MK13, M14, M16, M24, Galil and AK47 rifles; the Mossberg 500A1 shotgun; the M79, M203 and MK19 MOD3 40 MM grenade launchers; the M240B, M249, M60E, M2 HB .50 machine guns; weapon and ammunition fundamentals. Practical application techniques include malfunction analysis, disassembly, inspection, cleaning, and troubleshooting on all weapons is employed to accomplish course objectives.
Special Information: This course is designed for junior officers and enlisted personnel. In addition to general prerequisites, students should be familiar with weapons maintenance duties and exhibit average mechanical aptitude. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course to include two coveralls and one pair of steel toe boots. This course can be tailored to meet country's needs.

Patrol Officer's Communication Course (MASL P145000)
Objective: To provide the student with the required instruction and field training to plan and conduct communications.
Length/Scope: This five-week course consists of communication theory, programming and operation of HF, VHF and UHF communication equipment and ancillary information required of communicators. Course modules will include frequency prediction, antenna selection and construction, data communications, troubleshooting, field hints, GPS equipment and communications operations planning. Practical application will test skills learned and includes conducting short, medium and long range communication drills in diverse terrain and locations. Students will participate in a series of Final Training Exercises (FTX) integrated with the NAVSCIATTS riverine operations course.
Special Information: This course is designed for junior officers and enlisted personnel. Students must have normal manual dexterity and vision (correctable to 20/20) and have the ability to lift and carry 40 lbs (18.18 kgs) of equipment. In addition, students must have basic computer skills, ability to perform basic mathematical calculations and comprehend technical terms. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course. Students are required to bring a set of boots and at least two sets of camouflaged utilities. Anticipated course start date to be determined and will graduate with Class 09-2.

Instructor Development Course (MASL P145905)
Objective: To provide the student the personal skills required to conduct formal training in a classroom or lab environment.
Length/Scope: Two-week course consists of planning learning objectives, development of lesson topic guides, methods and techniques of instruction, and effective classroom communication with an emphasis on practical applications. Students will give a minimum of six practical oral presentations that will be videotaped and critiqued by the instructors and classmates for enhanced learning and attainment of course objectives.
Special Information: This course is designed for junior officers and enlisted personnel who will be assigned to a supervisory or instructor position. Students will utilize information from the completed NAVSCIATTS course as source material for practical application within the Instructor Development Course. NAVSCIATTS will not issue any uniforms for this course.

Rule of Law and Disciplined Military Operations (MASL P176036)
Objective: To provide the student with instruction on the rule of law, its impact on human rights and how these considerations fit into planning and conducting military operations.
Length/Scope: This one-week course includes considerations of such fundamental concerns as rules of engagement, laws of armed conflict and the role of a military justice system in accomplishing military objectives.
Special Information: This course is designed for junior officers and enlisted personnel. This instruction qualifies as an expanded IMET (E-IMET) training and it is taught by JAG officers from the Defense Institute of International Legal Studies (DIILS).

CENTER FOR EXPLOSIVE ORDNANCE DISPOSAL AND DIVING
(https://www.npdc.navy.mil/ceneoddive)

The Center for EOD and Diving (CENEODDIVE) was established in June 2003. The Center for EOD and Diving provides oversight and control of the career progression of Navy EOD Technicians and Divers. The primary function of the CENEODDIVE is to support innovative human performance solutions that meet the needs of the fleet, by identifying and implementing the most efficient methods of training and delivery for Sailors in the domain, while ensuring advancement opportunities and requisite competency levels for all personnel are maintained.

EOD training and diving training are considered high risk training and requires students to pass a prerequisite physical screening, meet demanding physical standards, and have a minimum ECL of 80.

I. Naval Explosive Ordnance Disposal Courses

International Explosive Ordnance Disposal Phase 1 (MASL P122060)
EOD PH I is a 9 week long course that trains officer & enlisted personnel in the best methods for performing the following Explosive Ordnance Disposal (EOD) procedures explosive ordnance reconnaissance, ordnance identification procedures, access & recovery, & disposal operations involving non-nuclear ordnance both foreign & domestic. Encompasses the use of Publications, Applied Physical Principles, Explosives & Explosive Effects, Safety Precautions, Introduction to Storage, Handling & Transportation of Explosives, EOD Tools & Equipment Maintenance, & Basics of Demolition. Identifies procedures for surface & underwater ordnance identification.

International Explosive Ordnance Disposal Familiarization (MASL P123302)
8 day course only open to Belgium, Canada, Denmark, Netherlands & Norway personnel already meeting STANAG 2389 definition of a "Conventional Ammunition Disposal Operator" and having a minimum of 3 years’ experience as a "Conventional Ammunition Disposal Operator" and is taken in place of the 9 weeks International EOD Phase 1 course. Purpose is to familiarize experienced international EOD

officers and enlisted personnel with basic U.S. EOD terminology, safety precautions, reconnaissance procedures, and tools used in the follow-on International EOD Phase 2 Surface Course (MASL: P123300). Course is limited to classroom instruction only and is not an entry level course.

NOTE: EITHER MASL P122060 OR P123302 IS A PREREQUISITE FOR INTL EOD PHASE 2-SURFACE COURSE.

International Explosive Ordnance Disposal Phase 2 Surface (MASL P123300)
Trains officer & enlisted personnel in the best methods for performing the following Explosive Ordnance Disposal (EOD) procedures for identification, recovery evaluation & disposal of Surface Explosive Ordnance. Includes application of EOD tools & methods on placed/projected/dropped munitions & associated fuses, & aircraft explosive hazards. Includes the recognition, operation, safety precautions, hazards, rendering safe procedures & disposal of all types of SURFACE ordnance, & Chemical agents & personnel protection & radiation detection equipment & control. New: also includes training in detection & disposal of Improvised Explosive Devices (IEDs).

International EOD Specialized Missiles (MASLs P193130 to P193145)
To train selected International Military students in the operation and render safe procedures for a specifically requested guided missile. These are taught during the International EDO Phase 2 Surface course.

International Explosive Ordnance Disposal Phase 2 Navy (MASL P123301)
Optional follow on course to the International EOD Phase 2 Surface course trains officer & enlisted personnel in the best methods for performing the following Explosive Ordnance Disposal (EOD) procedures for identification, recovery evaluation & disposal of underwater explosive ordnance. Includes the recognition, operation, safety precautions, hazards, rendering safe procedures & disposal of all types of underwater ordnance.

International Explosive Ordnance Disposal IED (MASL P122080)
This stand alone course only open to prior graduates of Intl. Phase 2 course includes training in detection & disposal of Improvised Explosive Devices (IEDs), personnel protection & EOD equipment & the use of basic robotic EOD equipment.

II. Naval Diving and Salvage Training Center Courses

International Diving Course (MASL P179003)
This course provides basic and advanced instruction in diving equipment, operations and procedures. Instruction includes training in diving physics; diving medicine; SCUBA equipment, operations and procedures; Surface Supplied diving equipment, operations and procedures;

recompressions chamber equipment, operations and procedures; basic ship construction; salvage principles and operations; Advanced diving physics and dive operation planning; advanced diving medicine; diving supervisor training; recompression chamber inside tender training; diving casualty control operations; Mixed Gas diving theory and operations. The course includes classroom theory, practical in-water diving and hands on supervisory training including rigorous physical and in-water training exercises.
This course will convene once each year.

Amphibious Reconnaissance Corpsman (MASL P175520)
To train in scuba/surface-supplied air diving and recognition/treatment of diving related illnesses. This course replaces MASL P175577, Medical Deep Sea Diving Technician.

Diving Casualty Recognition/Treatment (MASL P175002)
The recognition and treatment of diving casualties course is designed to provide medical officers with the basic training necessary to safely and effectively perform as a medical advisor for hyperbaric treatments and to effectively evaluate divers and diver candidates prior to diving. Course prepares medical officers in identifying diving diseases and injuries, and initiating the appropriate treatment, performing appropriate diving medical examinations and performing as an inside tender for hyperbaric chamber operations.

Diving Officer Medical Dept (MASL P175503)
The Medical Department Diving Officer course is an integral part of the Naval Undersea Medical Officer course (B-6A-2200). Training will also be provided to qualified other services and International medical officers. The course provides training necessary to: - support fleet diving operations - diagnose and treat diving related illness/injury - support hyperbaric chamber operations - evaluate fitness for diving duty - qualify in Scuba and surface-supplied air diving. Diving operations may be performed from surface or subsurface vessels, ship repair facilities or other selected sea and shore installations as necessary, dependent upon organizational mission and commander's requirements.

Explosive Ordnance Disposal Diver (MASL P179190)
Provides qualified non-diving personnel with the basic training necessary to safely and effectively perform as a dive team member in SCUBA/MK-16 mixed-gas UBA, and provide basic training necessary to perform underwater inspections/search operations and underwater procedures to safely and effectively perform as a dive team member/Explosive Ordnance Disposal Diver, per approved technical manual and the U.S. Navy Diving Manual.

Candidates will need to complete the physical requirements and medical screening required for all U.S. Navy Diving Training beginning on page V-23 through V-40.

SUGGESTED STUDENT PREPARATION

Students preparing for diver training should begin an active physical training program with adequate attention to building upper body strength and endurance. Swim practice is vital, with special attention to breast and sidestrokes.

All students will be given the divers physical test on the second day of school. Students who are unable to pass this test will be given one opportunity to retake the test within a one-week period. If they fail the retake exam, they will most likely be disenrolled from training. Because of this, it is vital that all students come to school physically prepared.

A knowledge of basic algebra is important in the physics and salvage phases of training. The student should familiarize himself with the following basic gas laws prior to training:

Boyle's Law Dalton's Law Charles' Law Henry's Law

MEDICAL SCREENING OF DIVING DUTY APPLICANTS

All applicants for dive school programs must be prescreened medically before they will receive orders to dive school (MILPERSMAN 1220-160). Forward ONLY the Diver Medical Screening Questionnaire (MILPERSMAN 1220 Exhibit 8), along with DD Form 2808, Report of Medical Examination and DD Form 2807-1, Report of Medical History, to Naval Diving and Salvage Training Center or Navy Special Warfare Center medical department for medical clearance for training. Do not send lab work, EKG’s or any other documentation unless instructed to do so. Respective medical department will provide Diver/SEAL candidates with medical clearance letter to accompany candidate's application package to NAVPERSCOM (PERS-401D). Candidates should ensure that contact information (Phone / FAX numbers and an e-mail address) are included on packages so discrepancies can be addressed and clearance notification can be given. Packages are reviewed once a week, on Friday, and clearances are issued to the member and the detailer. Please do not contact the NDSTC Medical Department unless you have had no response within one week of package submission.

- Please note a new change (Change 118) in MANMED Ch. 15-66 paragraph (5) (a) Pressure Testing and Ascent Training, which states: All candidates must pass a one-time recompression chamber test . . . If pressure testing is not available, a waiver must be granted by the Chief of Naval Personnel before transferring the individual to diver training.
- Diver Medical Screening Questionnaire (MILPERSMAN 1220, Exhibit 8). Special Duty Medical Abstract Required as part of an initial dive physical. Also include NAVMED 6150/2.
- Report of Medical Exam (DD Form 2808, Oct 2005) http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd2808.pdf
- Report of Medical History (DD Form 2807-1, Mar 2007) http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd2807-1.pdf

INSTRUCTIONS FOR COMPLETING THE DIVING PHYSICAL EXAM

1. Obtain all supporting data (see below). Ensure that the original documentation remains in the record. All immunizations should be up to date before the physical is reviewed by the DMO.

2. Once the supporting documentation has been obtained, the physical exam may be scheduled. A dive physical may be performed by any Navy physician. The DMO must review it for correctness. The DD 2808 and DD 2807-1 forms must be used. Refer to the examples provided.

3. After the physical has been completed, it must be reviewed and signed by a DMO or UMO. HMO's may not have final signature authority for a diving physical. Example: If a physical is performed in a location where a DMO is not available, the documentation of the physical should be mailed to a DMO for review and final signature.

4. The hyperbaric pressure test and Diver Entry Level PT Tests are not part of the physical exam process. However, it is common practice and expected that the Diving Physical exam be completed prior to administering the Entry Level Diver PT Test and the Pressure Test.

5. Proper supporting documentation required.

   a. The EKG must be within one year of commencement of diver training.
   b. Chest x-rays must be within one year of commencement of diver training.
   c. Blood work must be completed within 30 days of the date on the physical. It will include CBC, UA, syphilis serology (RPR), Lipid panel (Cholesterol, triglycerides, HDL, LDL), HIV, PPD, G6PD, Sickle Cell, Blood type. Refer to the Exhibit 8 for specifics concerning SEAL/EOD/UCT.
   d. An audiogram must be completed within one year of commencement of diver training.
   e. The dental examination must be within one year of commencement of diver training.
   f. Immunizations against Typhoid, Tetanus, Yellow Fever, Hepatitis A, Flu, PPD, and HIV must be up to date in order to be physically qualified diving duty. HIV results and PPD must be within one year of beginning diver training. G6PD, Blood type, and Sickle Cell may be done any time prior to the physical but must be documented on the DD 2808 and in the record. A PSA is required if over the age 40.
   g. A Visual Acuity Test must be conducted within one year of commencement of diver training. This includes near, distant, refraction (if necessary), field of vision, color vision, and intraocular tension if over the age of 40.

WAIVERS

1. A waiver must be completed, sent, and verbally approved BEFORE sending anyone to NDSTC. In the interim, to expedite the process, an E-Mail may be sent with all the pertinent facts contained within.

2. If a diving applicant has a medical or physical condition that is disqualifying from diving duty but is not an absolute contraindication, then a formal waiver of the physical standards for diving duty must be obtained before the initiation of dive training.

3. A waiver package is generated at the patients command level. It will consist of the following:

   a. A standard waiver request letter (example to follow)
   b. Relevant medical data from the Health Record
   c. A copy of the most recent diving physical exam
   d. The examining physician's impression (SF 600)

4. NETSAFA will coordinate waiver requests with Navy IPO and BUPERS.

	Navy Divers Physical Requirements		**Diving Training**	**BUDs Training**
	Required Exercise	Number	Time	Time
1.	SWIM: In swimming trunks, swim nonstop 500 yards utilizing the side or breast stroke. Applicant may push off pool sides during turns.		14 Min	12.5 Min
2.	Ten-minute rest period.			
3.	PUSH-UPS: The exercise will be performed with the back straight, head up, and knees together. Begin by bending the elbow and lowering entire body until the top of the arms, shoulder and lower back are aligned and parallel to the deck. They will then push their body up, keeping their back straight, and locking their elbows. They will count each repetition aloud as they complete a push-up.	42	2 Min	2 Min
4.	Ten-minute rest period.			
5.	SIT-UPS: Lie flat on back with knees bent, heels close to buttocks (approximately 10 inches) with arms folded across the chest and feet held to the floor by partner. Sit up touching elbow to thighs. Each time you touch your thighs will count as one sit-up. Lie back touching shoulder blades to deck. Repeat as many times as required in the allotted time frame. You may stop and rest in the up or down position; however, if you lower your legs, fail to keep your feet to the ground, or fail to keep your arms folded across your chest, the test is ended.	50	2 Min	2 Min
6.	Two-minute rest period.			
7.	PULL-UPS: The exercise will be performed by grasping the pull-up bar and hanging straight down. Hands should be placed on the bar with palms away, at shoulder width. Repetitions will be counted aloud by applicants each time they pull their chins over the bar. Applicants shall not swing or bicycle their feet as they pull their chin over the bar, and they must maintain a vertical position during the exercise.*	6	N/A	N/A
8.	Ten-minute rest period.			
9.	RUN 1.5 MILES: Applicants may wear sneakers and shorts.		12 Min 45 Sec	11.5 Min
	*Scuba candidates are not required to perform pull-ups.			

DIVER/BUD/S MEDICAL SCREENING OUESTIONNAIRE

NAME/RANK:	SSN:	DOB:
PRESENT COMMAND:	BR OF SERVICE:	DATE:

(CONCEALMENT OF MEDICAL HISTORY WILL BE REPORTED TO HIGHER AUTHORITIES AND MAY RESULT IN PERMANENT DISQUALIFICATION.)

DIVING MEDICAL QUESTIONS	**Yes**	**No**
1. Have you ever been found medically disqualified for a dive physical or any other physical at any time?		
2. Since your last physical, or in the last 18 months, have you been sick, injured, consulted a physician, used medication (including over-the-counter), or been hospitalized for any reason?		
3. Have you ever experienced any middle or inner ear dysfunction including inability to equalize middle ear pressure, inner or middle ear surgery, ringing, dysequilibrium, hearing deficit?		
4. Is or has your uncorrected vision ever been worse than 20/20 in either eye?		
5. Do you have any difficulty distinguishing colors or seeing at night?		
6. Have you ever had any corneal surgery, or manipulation to correct poor vision?		
7. Since age 12, have you had asthma or wheezing at any time?		
8. Have you ever had a collapsed lung (pneumothorax), experienced pulmonary barotrauma, had a positive PPD, or taken INH in the past 6 months?		
9. Do you have any skin condition worsened by tight clothing, moisture, or sun exposure?		
10. Do you have any musculoskeletal condition that limits intense exercise, suffered any type of fracture in the last 3 months, or had any bone/joint surgery in the last 6 months?		
11. Have you ever been evaluated for, or treated for, any psychiatric problems (including depression, anxiety, personality disorder, etc.)?		
12. Have you ever had legal, professional or personal problems due to alcohol use, or been diagnosed with dependence, or had any level of treatment for abuse?		
13. Have you ever had a migraine or other severe headache?		
14. Have you ever had seizures, convulsions or sustained a head injury resulting in loss of consciousness, loss of memory, concussion, or skull fracture?		
15. Have you ever had brain surgery?		
16. Do you have any area of altered sensation or strength in your body?		

17. Have you ever suffered Decompression Sickness or Arterial Gas Embolism?		
18. Do you suffer from motion sickness or fear of enclosed spaces?		
PATIENT SIGNATURE:	DATE:	

DIVER/BUD/S MEDICAL SCREENING QUESTIONNAIRE (Cont'd.)		
ANY POSITIVE RESPONSES REQUIRE ELABORATION ON THIS PAGE BY A DIVING MEDICAL OFFICER		
NAME/RANK:	SSN:	DOB:
PRESENT COMMAND:	BR OF SERVICE:	DATE:

ADDITIONAL DIVING MEDICAL QUESTIONS

DMO SCREEN (to be filled out by DMO/UMO, HMO or qualified representative)	**Yes**	**No**
1. DD Form 2808, Report of Medical Examination and DD Form 2807-1, Report of Medical History are complete, correct, for dive/jump duty and within 1 year of application?		
2. Is the physical signed/countersigned by a DMO/UMO or HMO?		
3. Every page of member's health record has been reviewed?		
4. Any disqualifying condition has a completed, approved waiver from BUMED (Med-21)?		
5. Any non-disqualifying condition that might affect dive training is thoroughly documented?		

DIVING MEDICAL OFFICER COMMENTS

QUESTION#	COMMENT	CD/NCD?	WAIVER?
		Yes No	Yes No

SPECIALTY TRAINING

DMO SIGNATURE	**DMO STAMP**
DMO PHONE NUMBER	**DMO FAX NUMBER**

RECORD SCREENING (to be filled in by medical department)

G6PD results	**Sickle cell results**	**Blood Type**

IMMUNIZATION MUST BE COMPLETED AND CURRENT PRIOR TO TRANSFER	**Tetanus**	**Date**
	Typhoid	**Date**
	Yellow Fever	**Date**
	HAV	**Date**
	Flu	**Date**

ADDITIONAL DIVING MEDICAL QUESTIONS (Cont'd.)

DMO SCREEN (to be filled out by DMO/UMO, HMO or qualified representative)

PPD given with diving medical examination. **Yes No Date**	**PPD Converter YES NO**
PPD Converters must complete INH Tx prior to transfer to diver training. **PPD annual questionnaire required for converters.**	

Date of last Dive Physical (DD Form 2808 and 2807-1):		
Dental, must be Class I or II. Last examination date:		
Pressure Test, date completed:		
NAVMED 6150/2, Special Duty Medical Abstract required with signature from DMO/UMO/HMO stating Physically Qualified for Diving Duty.	**Completed**	
	YES	**NO**

Visual Acuity**: (must correct to 20/20; if not, waiver required)**

- USN Fleet Diver/Basic Diving Officer, USA OOB, EOD**: 20/200 or better. Waiver required if greater**
- Marine Combat Diver**: 20/100 better eye, 20/200 worse eye, or better**
- Diving Medical Officer and SCUBA**: + or – 8 Diopters**
- SEAL Candidate**: 20/40 in best eye, 20/70 in worst eye (Waiverable to 20/70,20/100. Waiver must be completed.)**

Hearing Standards**:**	**1000 Hz 30 db** **2000 Hz 35 db** **3000 Hz 45 db** **4000 Hz 55 db**	**If greater, waiver required.**

SPECIALTY TRAINING

The following labs are complete on DD Form 2808: Serology, CBC with DIFF, Lipid panel HIV, G6PD, Sickle Cell, and Blood Type?	**YES**	**NO**
SEAL, EOD, USA OOB, and Underwater Construction Diver require Fasting Blood Sugar and Routine Urine. (Appropriate /corresponding lab chits are in the medical record.)	**YES**	**NO**
The following studies are complete on DD Form 2808: CXR, EKG, Audiogram, PPD, and Falant? (Appropriate/corresponding studies, reports are in the medical record.)	**YES**	**NO**

MEDICAL SCREENER NAME, RANK/RATE, AND TITLE	**PHONE NUMBER:**
	FAX NUMBER:
Command's mailing address	

NOTE**: THE DIVER MEDICAL SCREENING QUESTIONNAIRE AND DD Form 2808 and 2807-1 MUST BE COMPLETLEY FILLED OUT AND FAXED TO** NAVY DIVING AND SALVAGE TRAINING CENTER (NAVDIVSALVTRACEN), MEDICAL DEPARTMENT, PANAMA CITY, FL **PRIOR TO APPLICATION TO NAVY PERSONNEL COMMAND (NAVPERSCOM) (PERS-401D OR PERS-407CK). ANY WAIVERS MUST HAVE WRITTEN APPROVAL BY BUREAU OF MEDICINE AND SURGERY (BUMED) (MED-21) AND A COPY FAXED TO NAVDIVSALTRACEN, MEDICAL DEPARTMENT.**

TELEPHONE:
DSN 436-5215 COMM (850) 235-5215

MEDICAL FAX:
DSN 436-5993 COMM (850) 235-5993

STUDENT SUPPORT OFFICE FAX:
DSN 436-5837 COMM (850) 235-5242

NOTE**: FOR** SEAL CANDIDATES **THE MEDICAL SCREENING QUESTIONNAIRE AND DD Form 2808 and 2807-1 MUST BE COMPLETELY FILLED OUT AND FAXED TO** NAVY SPECIAL WARFARE CENTER, BUD/S MEDICAL DEPARTMENT **PRIOR TO APPLICATION TO NAVPERSCOM (PERS-401D). ANY WAIVERS MUST HAVE WRITTEN APPROVAL BY BUMED (MED-21) AND A COPY FAXED TO BUD/S MEDICAL DEPARTMENT.**

TELEPHONE**:**
DSN 577-0777 COMM (619) 437-0777

MEDICAL FAX:
DSN 577-5248 COMM (619) 437-5248

PLACE ORIGINAL DIVER MEDICAL SCREENING QUESTIONNAIRE, DD Form 2808 and 2807-1, AND ANY APPROVED WAIVERS IN MEDICAL RECORD.

NAVDIVSALVTRACEN HOME PAGE:
https://www.netc.navy.mil/centers/ceneoddive/ndstc/

NAVY SPECIAL WARFARE CENTER BUD/S HOME PAGE:
http://www.sealswcc.com/seal-default.aspx
http://www.sealswcc.com/navy-seals-naval-special-warfare-prep-school.aspx
http://www.sealswcc.com/navy-seals-buds-prep-docs.aspx

DIVING STANDARDS**:**
NAVMED P-117, Manual of the Medical Department, chapter 15, article 15-102, and section III

MEDICAL WAIVER:
NAVMED P-117, article 15-74

BUMED (MED-21) TELEPHONE: **COMM (202)762-4342**

REPORT OF MEDICAL EXAMINATION

1. DATE OF EXAMINATION *(YYYYMMDD)*

2. SOCIAL SECURITY NUMBER

PRIVACY ACT STATEMENT

AUTHORITY: 10 USC 504, 505, 507, 532, 978, 1201, 1202, and 4346; and E.O. 9397.
PRINCIPAL PURPOSE(S): To obtain medical data for determination of medical fitness for enlistment, induction, appointment and retention for applicants and members of the Armed Forces. The information will also be used for medical boards and separation of Service members from the Armed Forces.
ROUTINE USE(S): None.
DISCLOSURE: Voluntary; however, failure by an applicant to provide the information may result in delay or possible rejection of the individual's application to enter the Armed Forces. For an Armed Forces member, failure to provide the information may result in the individual being placed in a non-deployable status.

3. LAST NAME - FIRST NAME - MIDDLE NAME (SUFFIX)

4. HOME ADDRESS *(Street, Apartment Number, City, State and ZIP Code)*

5. HOME TELEPHONE NUMBER *(Include Area Code)*

6. GRADE

7. DATE OF BIRTH *(YYYYMMDD)*

8. AGE

9. SEX
- [ ] Female
- [ ] Male

10.a. RACIAL CATEGORY *(X one or more)*
- [ ] American Indian or Alaska Native
- [ ] Asian
- [ ] Black or African American
- [ ] White
- [ ] Native Hawaiian or Other Pacific Islander

b. ETHNIC CATEGORY
- [ ] Hispanic/Latino
- [ ] Not Hispanic/Latino

11. TOTAL YEARS GOVERNMENT SERVICE
a. MILITARY
b. CIVILIAN

12. AGENCY *(Non-Service Members Only)*

13. ORGANIZATION UNIT AND UIC/CODE

14.a. RATING OR SPECIALTY *(Aviators Only)*

b. TOTAL FLYING TIME

c. LAST SIX MONTHS

15.a. SERVICE
- [ ] Army
- [ ] Coast Guard
- [ ] Navy
- [ ] Marine Corps
- [ ] Air Force

b. COMPONENT
- [ ] Active Duty
- [ ] Reserve
- [ ] National Guard

c. PURPOSE OF EXAMINATION
- [ ] Enlistment
- [ ] Commission
- [ ] Retention
- [ ] Separation
- [ ] Medical Board
- [ ] Other
- [ ] Retirement
- [ ] U.S. Service Academy
- [ ] ROTC Scholarship Program

16. NAME OF EXAMINING LOCATION, AND ADDRESS *(Include ZIP Code)*

CLINICAL EVALUATION *(Check each item in appropriate column. Enter "NE" if not evaluated.)*

	Normal	Abnorm	NE
17. Head, face, neck, and scalp			
18. Nose			
19. Sinuses			
20. Mouth and throat			
21. Ears - General *(Int. and ext. canals/Auditory acuity under item 71)*			
22. Drums *(Perforation)*			
23. Eyes - General *(Visual acuity and refraction under items 61 - 63)*			
24. Ophthalmoscopic			
25. Pupils *(Equality and reaction)*			
26. Ocular motility *(Associated parallel movements, nystagmus)*			
27. Heart *(Thrust, size, rhythm, sounds)*			
28. Lungs and chest *(Include breasts)*			
29. Vascular system *(Varicosities, etc.)*			
30. Anus and rectum *(Hemorrhoids, Fistulae) (Prostate if indicated)*			
31. Abdomen and viscera *(Include hernia)*			
32. External genitalia *(Genitourinary)*			
33. Upper extremities			
34. Lower extremities *(Except feet)*			
35. Feet *(See Item 35 Continued)*			
36. Spine, other musculoskeletal			
37. Identifying body marks, scars, tattoos			
38. Skin, lymphatics			
39. Neurologic			
40. Psychiatric *(Specify any personality deviation)*			
41. Pelvic *(Females only)*			
42. Endocrine			

44. NOTES: *(Describe every abnormality in detail. Enter pertinent item number before each comment. Continue in item 73 and use additional sheets if necessary.)*

43. DENTAL DEFECTS AND DISEASE *(Please explain. Use dental form if completed by dentist. If dental examination not done by dental officer, explain in Item 44.)*
- [ ] Acceptable
- [ ] Not Acceptable Class _____

35. FEET *(Continued) (Circle category)*

Normal Arch	Mild	Asymptomatic
Pes Cavus	Moderate	
Pes Planus	Severe	Symptomatic

DD FORM 2808, OCT 2005

DoD exception to SF 88 approved by ICMR, August 3, 2000.
PREVIOUS EDITION IS OBSOLETE.

Reset

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Adobe Professional 7.0

LAST NAME - FIRST NAME - MIDDLE NAME (SUFFIX)	SOCIAL SECURITY NUMBER

LABORATORY FINDINGS

45. URINALYSIS	a. Albumin b. Sugar	46. URINE HCG	47. H/H	48. BLOOD TYPE

TESTS	RESULTS	HIV SPECIMEN ID LABEL	DRUG TEST SPECIMEN ID LABEL
49. HIV			
50. DRUGS			
51. ALCOHOL			
52. OTHER			
a. PAP SMEAR			
b.			
c.			

MEASUREMENTS AND OTHER FINDINGS

53. HEIGHT	54. WEIGHT lbs.	55. MIN WGT - MAX WGT	MAX BF %	56. TEMPERATURE	57. PULSE

58. BLOOD PRESSURE			59. RED/GREEN *(Army Only)*	60. OTHER VISION TEST
a. 1ST	b. 2ND	c. 3RD		
SYS.	SYS.	SYS.		
DIAS.	DIAS.	DIAS.		

61. DISTANT VISION	62. REFRACTION BY AUTOREFRACTION OR MANIFEST	63. NEAR VISION
Right 20/ Corr. to 20/	By S. CX	Right 20/ Corr. to 20/ by
Left 20/ Corr. to 20/	By S. CX	Left 20/ Corr. to 20/ by

64. HETEROPHORIA *(Specify distance)*

ES° EX° R.H. L.H. Prism div. Prism Conv CT NPR PD

65. ACCOMMODATION		66. COLOR VISION *(Test used and result)*	67. DEPTH PERCEPTION *(Test used and score)* AFVT	
Right	Left	PIP /14	Uncorrected	Corrected

68. FIELD OF VISION	69. NIGHT VISION *(Test used and score)*	70. INTRAOCULAR TENSION	
		O.D.	O.S.

71a. AUDIOMETER Unit Serial Number

Date Calibrated *(YYYYMMDD)*

HZ	500	1000	2000	3000	4000	6000
Right						
Left						

71b. Unit Serial Number

Date Calibrated *(YYYYMMDD)*

HZ	500	1000	2000	3000	4000	6000
Right						
Left						

72a. READING ALOUD TEST ☐ SAT ☐ UNSAT

72b. VALSALVA ☐ SAT ☐ UNSAT

73. NOTES *(Continued)* **AND SIGNIFICANT OR INTERVAL HISTORY** *(Use additional sheets if necessary.)*

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LAST NAME - FIRST NAME - MIDDLE NAME (SUFFIX)	SOCIAL SECURITY NUMBER

74.a. EXAMINEE/APPLICANT *(check one)*	75. I have been advised of my disqualifying condition.	
☐ IS QUALIFIED FOR SERVICE ☐ IS NOT QUALIFIED FOR SERVICE	a. SIGNATURE OF EXAMINEE	b. DATE *(YYYYMMDD)*

b. PHYSICAL PROFILE

P	U	L	H	E	S	X	PROFILER INITIALS	DATE *(YYYYMMDD)*

76. SIGNIFICANT OR DISQUALIFYING DEFECTS

ITEM NO.	MEDICAL CONDITION/DIAGNOSIS	ICD CODE	PROFILE SERIAL	RBJ DATE *(YYYYMMDD)*	QUALIFIED	DISQUALIFIED	EXAMINER INITIALS	WAIVER RECEIVED	
								SERVICE	DATE *(YYYYMMDD)*

77. SUMMARY OF DEFECTS AND DIAGNOSES *(List diagnoses with item numbers) (Use additional sheets if necessary.)*

78. RECOMMENDATIONS - FURTHER SPECIALIST EXAMINATIONS INDICATED *(Specify) (Use additional sheets if necessary.)*

79. MEPS WORKLOAD *(For MEPS use only)*

WKID	ST	DATE *(YYYYMMDD)*	INITIAL	WKID	ST	DATE *(YYYYMMDD)*	INITIAL

80. MEDICAL INSPECTION DATE	HT	WT	%BF	MAX WT	HCG	QUAL	DISQ	PHYSICIAN'S SIGNATURE

81.a. TYPED OR PRINTED NAME OF PHYSICIAN OR EXAMINER	b. SIGNATURE
82.a. TYPED OR PRINTED NAME OF PHYSICIAN OR EXAMINER	b. SIGNATURE
83.a. TYPED OR PRINTED NAME OF DENTIST OR PHYSICIAN *(Indicate which)*	b. SIGNATURE
84.a. TYPED OR PRINTED NAME OF REVIEWING OFFICER/APPROVING AUTHORITY	b. SIGNATURE

85. This examination has been administratively reviewed for completeness and accuracy.

a. SIGNATURE	b. GRADE	c. DATE *(YYYYMMDD)*

86. WAIVER GRANTED *(If yes, date and by whom)*	87. NUMBER OF ATTACHED SHEETS
☐ YES ☐ NO	

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Instructions for completing DD Form 2808

Block 1 Date of examination. This should be the date it was signed.
2 - Social Security number. 123-45-6789
3 - Last name, first name, middle initial. 4 - Home address. 5 - Home phone number.
6 - Grade. Example: BM1/E-6 or LT/O-3
7 - Date of Birth. 19800916
8 - Age. 9 - Sex. 10 - Racial / Ethnic category.
11 - Total years military service.
12 - Agency. Left blank.
13 - Complete mailing address and UIC of the member's command.
14 - Rating or Specialty. a, b, and c. Left blank.
15a - Marked as appropriate. 15b - Marked as appropriate.
15c - Marked "Other" and add "Diving Duty" below it.
16 - Complete mailing address for medical facility in which the exam was performed.
17 through 42 - Mark as appropriate to exam. "Abnormal" marks must be commented on in block 44.
22 - Comment on TM's and valsalva. *Example:* TM's intact with normal bilateral valsalva.
37 - Will be checked abnormal for tattoos, circumcision, and scars, both surgical and traumatic. A brief description of any tattoos is required.
39 - A complete neurological exam is required for diving physicals to document a baseline.
41 - Females only
43 - Should be filled out by a Dentist or transcribed by a Medical Officer.
44 - Neurological exam (stick man, CN nerves, mental, motor, coordination, strength)
45 - Specific gravity - *Example*: 1.020 a. Albumin - *Example*: Negative b. Sugar - *Example*: negative
46 - Leave blank. 47 - Mandatory field. Enter results.
48 - Blood type and RH factor. *Example:* O Positive.
49 - HIV draw date and results. 50 through 51 - Leave blank.
52 - Date and results of last test. 53 - Height without shoes in inches.
54 - Weight in pounds. 55 - Min/max weight allowed for height. Max allowed BF%.
56 - Temperature in Farenheight. 57 - Sitting pulse.
58a - Sitting blood pressure. HTN is Considered Disqualifying.
59 through 60 - Leave blank. 61 - results of visual acuity testing
62 - transcribed from refraction results if patient wears corrective lenses.
63 - transcribed from ophthalmology exam if indicated.
64 through 65 - Leave blank.
66 - PIP or FALANT testing results. Marked "Pass" or "Fail".
67 - Leave blank. 68 - Marked "Full OU". 69 - Leave blank.
70 - Only completed if candidate is over the age of 40: Both eyes.
71 - Transcribed from current audiogram. Ensure that the make, model, serial number of the instrument, calibration date, and date of exam is included.
72 - Leave blank.
73 - Place additional data here. CBC results, Lipid Panel, Chest X-ray, EKG, G6PD, Sickle Cell, PPD and any other information that is pertinent to the exam.
74 - IMPORTANT. If not done correctly an addendum will need to be done.
75 - If patient is found not physically qualified "NPQ", he/she must sign and date the form upon being informed.
76 - Filled out if a disqualifying condition is found.

77 - Any abnormal item needs to be listed here with the statement NCD (not considered disqualifying) or, CD (considered disqualifying). *Example*: Low RBC's - CD
78 - Fill out as appropriate or mark "None". *Example*: Monthly TSE
79 through 80 - Leave blank.
81 - Must be filled out by the physician conducting the exam.
82 - If another physician assisting in the exam not listed in block 81, will fill out this block.
83 - Filled out by the examining dentist. May be transcribed by the physician, "dentist" or "physician" must be circled.
84 - Filled out by the reviewing DMO/UMO.
85 - Filled out by the person preparing the DD 2808.
86 - Waiver information: Waivers are requested by the patient's command, not NDSTC.
87 - Leave blank.

REPORT OF MEDICAL HISTORY

(This information is for official and medically confidential use only and will not be released to unauthorized persons.)

OMB No. 0704-0413
OMB approval expires Aug 31, 2014

The public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Washington Headquarters Services, Executive Services Directorate, Information Management Division, 1155 Defense Pentagon, Washington, DC 20301-1155 (0704-0413). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ORGANIZATION. RETURN COMPLETED FORM AS INDICATED ON PAGE 2.

PRIVACY ACT STATEMENT

AUTHORITY: 10 U.S.C. 136, DoD Instruction 6130.03, and E.O. 9397, as amended (SSN).
PRINCIPAL PURPOSE(S): The primary collection of this information is from individuals who seek to join the Armed Forces. The information collected on this form is used to assist DoD physicians in making determinations as to acceptability of applicants for military service and varnish disqualifying medical condition(s) noted on the prescreening form (DD 2807-2). An additional collection of information using this form occurs when a Medical Evaluation Board is convened to determine the medical fitness of a current member and if separation is warranted. Completed forms are covered by recruiting, medical evaluation board, and official military personnel file SORNs maintained by each of the Services.
ROUTINE USE(S): The Blanket Routine Uses found at http://privacy.defense.gov/blanket_uses.shtml apply to this collection.
DISCLOSURE: Voluntary. However, failure by an applicant to provide the information may result in delay or possible rejection of the individual's application to enter the Armed Forces. An applicant's SSN is used during the recruitment process to keep all records together and when requesting civilian medical records. For an Armed Forces member, failure to provide the information may result in the individual being placed in a non-deployable status. The SSN of an Armed Forces member is to ensure the collected information is filed in the proper individual's record.

WARNING: The information you have given constitutes an official statement. Federal law provides severe penalties (up to 5 years confinement or a $10,000 fine or both), to anyone making a false statement. If you are selected for enlistment, commission, or entrance into a commissioning program based on a false statement, you can be tried by military courts-martial or meet an administrative board for discharge and could receive a less than honorable discharge that would affect your future.

1. LAST NAME, FIRST NAME, MIDDLE NAME (SUFFIX)	2. SOCIAL SECURITY NUMBER	3. TODAY'S DATE (YYYYMMDD)
4.a. HOME ADDRESS (Street, Apartment No., City, State, and ZIP Code)	5. EXAMINING LOCATION AND ADDRESS (Include ZIP Code)	
b. HOME TELEPHONE (Include Area Code)		

X ALL APPLICABLE BOXES:

6.a. SERVICE	b. COMPONENT	c. PURPOSE OF EXAMINATION		7.a. POSITION (Title, Grade, Component)
Army / Coast Guard	Regular	Enlistment	Medical Board / Other (Specify)	
Navy	Reserve	Commission	Retirement	b. USUAL OCCUPATION
Marine Corps	National Guard	Retention	U.S. Service Academy	
Air Force		Separation	ROTC Scholarship Program	

8. CURRENT MEDICATIONS (Prescription and Over-the-counter)

9. ALLERGIES (Including insect bites/stings, foods, medicine or other substances)

Mark each item "YES" or "NO". Every item marked "YES" must be fully explained in Item 29 on Page 2.

HAVE YOU EVER HAD OR DO YOU NOW HAVE:	YES	NO
10.a. Tuberculosis	○	○
b. Lived with someone who had tuberculosis	○	○
c. Coughed up blood	○	○
d. Asthma or any breathing problems related to exercise, weather, pollens, etc.	○	○
e. Shortness of breath	○	○
f. Bronchitis	○	○
g. Wheezing or problems with wheezing	○	○
h. Been prescribed or used an inhaler	○	○
i. A chronic cough or cough at night	○	○
j. Sinusitis	○	○
k. Hay fever	○	○
l. Chronic or frequent colds	○	○
11.a. Severe tooth or gum trouble	○	○
b. Thyroid trouble or goiter	○	○
c. Eye disorder or trouble	○	○
d. Ear, nose, or throat trouble	○	○
e. Loss of vision in either eye	○	○
f. Worn contact lenses or glasses	○	○
g. A hearing loss or wear a hearing aid	○	○
h. Surgery to correct vision (RK, PRK LASIK, etc.)	○	○
12.a. Painful shoulder, elbow or wrist (e.g. pain, dislocation, etc.)	○	○
b. Arthritis, rheumatism, or bursitis	○	○
c. Recurrent back pain or any back problem	○	○
d. Numbness or tingling	○	○
e. Loss of finger or toe	○	○

12. (Continued)	YES	NO
f. Foot trouble (e.g., pain, corns, bunions, etc.)	○	○
g. Impaired use of arms, legs, hands, or feet	○	○
h. Swollen or painful joint(s)	○	○
i. Knee trouble (e.g., locking, giving out, torn or dislocated cartilage, etc.)	○	○
j. Any knee or foot surgery including arthroscopy or the use of a scope to any bone or joint	○	○
k. Any need to use corrective devices such as prosthetic devices, knee braces, back supports, foot orthotics, etc.	○	○
l. Bone, joint, or other deformity	○	○
m. Plate(s), screw(s), rod(s) or pin(s) in any bone	○	○
n. Broken bone(s) (cracked or fractured)	○	○
13.a. Frequent indigestion or heartburn	○	○
b. Stomach, liver, intestinal trouble, or ulcer	○	○
c. Gall bladder trouble or gallstones	○	○
d. Jaundice or hepatitis (liver disease)	○	○
e. Rupture/hernia	○	○
f. Rectal disease, hemorrhoids or blood from the rectum	○	○
g. Skin diseases (e.g. acne, eczema, psoriasis, etc.)	○	○
h. Frequent or painful urination	○	○
i. High or low blood sugar	○	○
j. Kidney stone or blood in urine	○	○
k. Sugar or protein in urine	○	○
l. Sexually transmitted disease (syphilis, gonorrhea, chlamydia, genital herpes, HIV/AIDS, etc.)	○	○
14.a. Adverse reaction to serum, food, insect stings or medicine	○	○
b. Recent unexplained gain or loss of weight	○	○
c. Currently in good health (If no, explain in Item 29 on Page 2.)	○	○
d. Tumor, growth, cyst, or cancer	○	○

LAST NAME, FIRST NAME, MIDDLE NAME (SUFFIX)	SOCIAL SECURITY NUMBER

Mark each item "YES" or "NO". Every item marked "YES" must be fully explained in Item 29 below.

HAVE YOU EVER HAD OR DO YOU NOW HAVE:	YES	NO
15.a. Dizziness or fainting spells	○	○
b. Frequent or severe headache	○	○
c. A head injury, memory loss or amnesia	○	○
d. Paralysis	○	○
e. Seizures, convulsions, epilepsy or fits	○	○
f. Car, train, sea, or air sickness	○	○
g. A period of unconsciousness or concussion	○	○
h. Meningitis, encephalitis, or other neurological problems	○	○
16.a. Rheumatic fever	○	○
b. Prolonged bleeding (as after an injury or tooth extraction, etc.)	○	○
c. Pain or pressure in the chest	○	○
d. Palpitation, pounding heart or abnormal heartbeat	○	○
e. Heart trouble or murmur	○	○
f. High or low blood pressure	○	○
17.a. Nervous trouble of any sort (anxiety or panic attacks)	○	○
b. Habitual stammering or stuttering	○	○
c. Loss of memory or amnesia, or neurological symptoms	○	○
d. Frequent trouble sleeping	○	○
e. Received counseling of any type	○	○
f. Depression or excessive worry	○	○
g. Been evaluated or treated for a mental condition	○	○
h. Attempted suicide	○	○
i. Used illegal drugs or abused prescription drugs	○	○
18. FEMALES ONLY. Have you ever had or do you now have:		
a. Treatment for a gynecological (female) disorder	○	○
b. A change of menstrual pattern	○	○
c. Any abnormal PAP smears	○	○
d. First day of last menstrual period (YYYYMMDD)		
e. Date of last PAP smear (YYYYMMDD)		

	YES	NO
19. Have you been refused employment or been unable to hold a job or stay in school because of:		
a. Sensitivity to chemicals, dust, sunlight, etc.	○	○
b. Inability to perform certain motions	○	○
c. Inability to stand, sit, kneel, lie down, etc.	○	○
d. Other medical reasons (If yes, give reasons.)	○	○
20. Have you ever been treated in an Emergency Room? (If yes, for what?)	○	○
21. Have you ever been a patient in any type of hospital? (If yes, specify when, where, why, and name of doctor and complete address of hospital.)	○	○
22. Have you ever had, or have you been advised to have any operations or surgery? (If yes, describe and give age at which occurred.)	○	○
23. Have you ever had any illness or injury other than those already noted? (If yes, specify what, where, and give details.)	○	○
24. Have you consulted or been treated by clinics, physicians, healers, or other practitioners within the past 5 years for other than minor illnesses? (If yes, give complete address of doctor, hospital, clinic, and dates.)	○	○
25. Have you ever been rejected for military service for any reason? (If yes, give date and reason for rejection.)	○	○
26. Have you ever been discharged from military service for any reason? (If yes, give date, reason, and type of discharge: whether honorable, other than honorable, for unfitness or unsuitability.)	○	○
27. Have you ever received, is there pending, or have you ever applied for pension or compensation for any disability or injury? (If yes, specify what kind, granted by whom, and what amount, when, why.)	○	○
28. Have you ever been denied life insurance?	○	○

29. EXPLANATION OF "YES" ANSWER(S) (Describe answer(s), give date(s) of problem, name of doctor(s) and/or hospital(s), treatment given and current medical status.)

NOTE: HAND TO THE DOCTOR OR NURSE, OR IF MAILED MARK ENVELOPE "TO BE OPENED BY MEDICAL PERSONNEL ONLY."

DD FORM 2807-1, AUG 2011 Page 2 of 3 Pages

LAST NAME, FIRST NAME, MIDDLE NAME (SUFFIX)	SOCIAL SECURITY NUMBER

30. EXAMINER'S SUMMARY AND ELABORATION OF ALL PERTINENT DATA *(Physician/practitioner shall comment on all positive answers in questions 10 - 29. Physician/practitioner may develop by interview any additional medical history deemed important, and record any significant findings here.)*

a. COMMENTS

b. TYPED OR PRINTED NAME OF EXAMINER (Last, First, Middle Initial)	c. SIGNATURE	d. DATE SIGNED (YYYYMMDD)

Instructions for completing DD Form 2807-1

Block 1 - Last name, first name, middle initial
2 - Social Security number. 123-45-6789
3 - Date that the patient fills out this form.
4 - Home address, home phone number.
5 - Complete mailing address for medical facility conducting the exam.
6a - Marked as appropriate.
6b - Marked as appropriate.
6c - Marked “Other” and add “Diving Duty” below it.
7 - Grade. Example: BM1/E-6 or LT/O-3
8 - List all current medications.
9 - List any/all allergies.
10 through 28 - Marked as appropriate by the patient.
29 - Any “yes” answers in previous blocks require an explanation by the examinee. Surgeries should include the date, age, facility where the surgery was performed, name of the procedure, name of doctor performing the procedure (if possible). See enclosure
30a - All abnormalities are identified and any block marked “yes” must be addressed by the physician and marked “NCD” (Not Considered Disqualifying) or “CD” (Considered Disqualifying).
30b - Typed or printed name of physician.
30c – Signature of physician.
30d –Date signed.

BASIC UNDERWATER DEMOLITION/SEAL (BUDS/S)

BUD/S is a 6-month SEAL training course held at the Naval Special Warfare Training Center in Coronado, CA. You'll start with five weeks Indoctrination and Pre-Training as part of a Navy SEAL Class, and then go through the Three Phases of BUD/S. First Phase is the toughest. It consists of 8 weeks of Basic Conditioning that peaks with a grueling segment called "Hell Week" at the midway point, where you'll be tested to your limits.

Hell Week is a test of physical endurance, mental tenacity and true teamwork where 2/3 or more of your class may call it quits or "ring the bell". Physical discomfort and pain will cause many to decide it isn't worth it. The miserable wet-cold approaching hypothermia will make others quit. Sheer fatigue and sleep deprivation will cause every candidate to question his core values, motivations, limits, and everything he's made of and stands for. Those who grit it out to the finish will hear their Instructors yell the longed-for words, "Hell Week is secured!"

These determined men will proceed on to Second Phase (8 weeks of Diving) and Third Phase (9 weeks of Land Warfare). Most men who have succeeded in Hell Week make it through these phases. If not, it's usually due to academic issues (e.g., dive physics) in the Dive Phase, or weapons and demolitions safety/competency issues in the Land Warfare (weapons and tactics) Phase. After BUDS is completed, trainees go through 3 weeks of Basic Parachute Training.

At this point, training shifts from testing how the men react in a high-stress "gut check" environment, to making sure the trainees are competent in their core tasks. The men go through a final 8 weeks of focused SEAL Qualification Training in mission planning, operations, and tactic, techniques and procedures. Upon completion, they are authorized to wear the coveted Navy SEAL Trident insignia on their uniform.

SEAL training ends with the formal BUD/S Class Graduation. Here the proud few in their dress Navy uniforms are recognized for their achievement in the presence of family and senior SEAL leaders. The Commanding Officers and senior enlisted advisors of the Naval Special Warfare Groups and SEAL Teams attend. The BUD/s graduates, as their newest Teammates, will be reminded of the special group they have entered, to be worthy of the sacrifices of the courageous Frogmen who came before them, and the great honor it is to serve as a U.S. Navy SEAL.

The most common injuries at BUD/S are lower extremity overuse injuries. To help prevent these a lower extremity strengthening and running program focused on building mileage to at least 30 miles per week at a 8 minute/ mile pace or better is recommended. Candidates should also practice running in boots and in soft sand, as well as develop excellent swimming skills and a good stretch routine.

Candidates will need to complete the physical requirements and medical screening required for all U.S. Navy Diving Training beginning on page V-23 through V-40.

Naval Special Warfare SEAL challenge the rigorous physiological demands imposed by the maritime environment. The ability to swim and withstand fatigue is the major the factor for successful completion of the training. This six-month course of instruction in Coronado, CA will focus on physical conditioning, small boat handling, diving physics, basic diving techniques, land warfare, weapons, demolitions, communications, and reconnaissance.

First Phase:
First Phase Trains, develops, and assesses SEAL candidates in physical conditioning, water competency, teamwork, and mental tenacity. This phase is eight weeks long. Physical conditioning with running, swimming, and calisthenics grows harder and harder as the weeks progress. You will participate in weekly four mile timed runs in boots, timed obstacle courses, swim distances up to two miles wearing fins in the ocean, and learn small boat seamanship.

The first three weeks of First Phase will prepare you for the fourth week, better known as "Hell Week." During this week, you will participate in five and one-half days of continuous training, with a maximum of four hours sleep total. This week is designed as the ultimate test of one's physical and mental motivation while in First Phase. Hell Week proves to those who make it that the human body can do ten times the amount of work the average man thinks possible. During Hell Week, you will learn the value of cool headedness, perseverance, and above all, TEAMWORK. The remaining four weeks are devoted to teaching various methods of conducting hydrographic surveys and how to create a hydrographic chart.

Second Phase (Diving)
Diving Phase Trains, develops, and qualifies SEAL candidates as competent basic combat swimmers. This phase is eight weeks long. During this period, physical training continues and becomes even more intensive. Second Phase concentrates on combat SCUBA. You will learn two types of SCUBA: open circuit (compressed air) and closed circuit (100% oxygen). Emphasis is placed on long distance underwater dives with the goal of training students to become basic combat divers, using swimming and diving techniques as a means of transportation from their launch point to their combat objective. This is a skill that separates SEALs from all other Special Operations forces.
Naval Special Warfare SEAL Challenge

Third Phase (Land Warfare)
Third Phase trains, develops, and qualifies SEAL candidates in basic weapons, demolition, and small unit tactics. This phase of training is nine weeks in length. Physical training continues to become more strenuous as the run distance increases and the minimum passing times are lowered for the runs, swims, and obstacle course. Third Phase concentrates on teaching land navigation, small-unit tactics, patrolling techniques, rappelling, marksmanship, and military explosives. The final three and a half weeks of Third Phase are spent on San Clemente Island, where students apply all the techniques they have acquired during training.

USN RESCUE SWIMMER SCHOOL
(https://www.netc.navy.mil/nascweb/aeats/arss/arss.htm)

Rescue Swimmer School is designed to provide personnel with the knowledge and skills necessary to initially qualify as Search and Rescue Swimmers. Rescue swimmer training courses are designated as High Risk Training. Therefore, enrollment is voluntary and may be terminated by the student at any time. International students must have "Hazardous Duty" indicated on the Invitational Travel Order (ITO). An 80 ECL is required in addition to enrollment in the Specialized English Training (D177008) at the Defense Language Institute, English Language Center, Lackland, AFB.

All students will need Medical, Dental, Service, and Pay Records, good running shoes and plain white socks and one appropriate service dress and three working uniforms.

All students must be designated a 2nd Class Swimmer. International students must pass the 2nd Class Swimmer Test, administered under MASL P129490 prior to enrollment in the Rescue Swimmer Course.

All students must then pass the Rescue Swimmer School Physical Readiness In-Test which consists of the following, in this order:

2 Pull-ups - 2 minutes maximum
50 Sit-ups - 2 minutes maximum
35 Push-ups - 2 minutes maximum
1.5 mile run - 12 minutes maximum
400 meter swim in gear - 11 minutes maximum

PHYSICAL SWIM/INDOC (MASL P129492)
This course provides physical and swimming training to international military to prepare them for follow on training in courses that require students to meet specific physical and swimming qualifications.

SURFACE RESCUE SWIMMER (MASL P129491)
This course provides personnel with initial training and hands-on experience in First Aid, CPR, Rescue Equipment, Waterborne Lifesaving Techniques, Day/Night Water Entries, Parachute Disentanglement, Search and Rescue Tactics, Inanimate Object Recovery, Night and Multiple Rescue Situations, and Motor Whaleboat/Rescue boat operations. Students will also undergo rigorous physical training which consists of calisthenics, timed swims (up to 2000 meters), and running 25-30 minute group paced runs at a 8.5-10 minute per mile pace.

AVIATION RESCUE SWIMMER SCHOOL (MASL P129154)
Course provides enlisted personnel with knowledge and skills necessary to rescue waterborne survivors and to initially qualify as Aviation Rescue Swimmers. The mission of the Naval Aviation Rescue Swimmer is to execute search and rescue (SAR) operations from rotary wing aircraft. The rescue swimmer shall be physically conditioned to routinely perform demanding rescues in hostile environments. The rescue swimmer shall be in proper physical condition, be proficient with rescue equipment and have the basic first aid, CPR, Resuscitation knowledge and skills necessary to recover and assist personnel during SAR operations. The rescue swimmer must be able to function in physiologically demanding environments at sea or on land during day or night operations. Note: This course requires MASL P117024, 4 week Aviation Aircrew Candidate School as a prerequisite.

NAVAL OCEANOGRAPHIC OFFICE
(www.navo.navy.mil)

The Naval Oceanographic Office (NAVOCEANO) acquires and analyzes global ocean and littoral data to provide specialized, operationally significant products and services for warfighters and civilian, national and international customers. NAVOCEANO offers the following international training:

International Hydrographic Science Applications Program (MASL P169265)
IHSAP is a 36 semester hour non-thesis Master of Science in Hydrographic Science degree offered by the University of Southern Mississippi. The hydrographic curriculum has received Category "A" Certification from the International Federation of Surveyors/International Hydrographic Organization Advisory Board on Standards of Competence for Hydrographic Surveyors. The curriculum can be completed in one rigorous year of studies and includes a hydrographic field project.

International Hydrographic Management and Engineering Program (MASL P169208)
IHMEP is a 6 month program designed to impart a practical knowledge of hydrographic and geodetic operation planning and surveying, and produce skills in conducting hydrographic tasks. Upon program completion students will be able to perform the hydrographic and geodetic function, and lead a survey operation. The training is designed for junior international Naval Officers and civilians. Subjects include Mathematics, Computer Applications, Physical Science Concepts, Geodetic Surveying Techniques, Geodetic Computations and Adjustments, Astronomic Azimuths, Satellite Geodesy, Hydrographic Positioning Systems, Depth Sounding, Sonar Sweeping and Side Scan Sonar, Automated Survey Systems, Hydrographic Survey Planning, Hydrographic Survey Operations, Tides, Currents Datums and Harmonic Analysis, Practical Navigation, Meteorology, Photogrammetry, Remote Sensing, Nautical Chart Construction and International Law of the Sea.

NAVOCEANO MTT (MASL P309027)

Provides professional personnel and state of the science commercial off-the-shelf equipment to conduct highly accurate collecting maritime geospatial and environment (MGE) surveys. Information and knowledge from these surveys are used to generate in-country interoperable products for rapid, safe maneuverability of U.S. and host nation military vessels during joint combat operations and exercises, and Safety of Navigation (SoN) and Safety Of Life At Sea (SOLAS) for commercial and military vessels during port and harbor egress and ingress. With 80 hours of formal classroom training and up to 450 hours of practical field MGE, the program provides students with the fundamentals of MGE surveying through practical training in mathematics, computer science, physical sciences, geodesy, Global Positioning System (GPS) for navigation, hydrography, oceanography, meteorology, Geographical Information System (GIS) for nautical cartography, remote sensing and resource management.

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COURSE LISTING BY TITLE

The courses are listed here in alphabetical order. See Section VII "Course Description by MASL" for course description. Updated 01 March 2012

Course Title	MASL No	CIN	LOC Code	Location Name
(CSS) FOR WEB PAGE DEV: HANDS-ON CRSE 522	P178066		VAR	
11 METER RIB ELECTRICAL SYS & FIBERGLASS REPAIR	P145061	CIVCONTR	PUMI	Gulfport, MS
11 METER RIB ENGINE TRAINING	P145060	CIVCONTR	PPUM	Jackson, MS
20H6 TRAINING	P128002		PFTM	Mayport, FL
2M TECHNICIAN RECERTIFIER	P131032	A-100-0058	PSSN	Virginia Beach, VA
2M TECHNICIAN RECERTIFIER	P131041	A-100-0058	PFCS	San Diego, CA
2ND CLASS SWIMMER TEST	P129490	K-060-2220	PHMR	Jacksonville, FL
308 SYSTEMS/ENGINEERING AND ANALYSIS - MS	P174015	S- 00-2001	PGS	Monterey, CA
360 OPERATIONS RESEARCH - MS	P177714	S- 00-2001	PGS	Monterey, CA
360 OPERATIONS RESEARCH - PHD	P179030	S- 00-2001	PGS	Monterey, CA
361 JOINT OPERATIONAL LOGISTICS - MS	P179918	S- 00-2001	PGS	Monterey, CA
362 HUMAN SYS INTEGRATION - MS	P179107	S- 00-2001	PGS	Monterey, CA
364 SPACE SYSTEMS OPS INTERNATIONAL	P179910	S- 00-2001	PGS	Monterey, CA
365 C4I SYSTEMS	P179223		PGS	Monterey, CA
368 COMPUTER SCIENCE - MS	P177713	S- 00-2001	PGS	Monterey, CA
368 COMPUTER SCIENCE - PHD	P179173	S- 00-2001	PGS	Monterey, CA
369 SOFTWARE ENGINEERING - MSSE	P179129	S- 00-2001	PGS	Monterey, CA
370 INFORMATION SYSTEMS TECHNOLOGY - MS	P179904	S- 00-2001	PGS	Monterey, CA
372 METEOROLOGY - MS	P174002	S- 00-2001	PGS	Monterey, CA
373 METEOROLOGY & PHYSICAL AIR-OCEAN SCIENCES-MS	P174235	S- 00-2001	PGS	Monterey, CA
374 OP OCEANOGRAPHY - MS	P174013	S- 00-2001	PGS	Monterey, CA
399 MODELING OF VIRTUAL ENVIRONMENTS SIMULATION - MS	P179067	S- 00-2001	PGS	Monterey, CA

COURSE LISTING BY TITLE

The courses are listed here in alphabetical order. See Section VII "Course Description by MASL" for course description. Updated 01 March 2012

Course Title	MASL No	CIN	LOC Code	Location Name
399 MODELING OF VIRTUAL ENVIRONMENTS SIMULATION - PHD	P179068	S- 00-2001	PGS	Monterey, CA
440 OCEANOGRAPHY - MS	P174011	S- 00-2001	PGS	Monterey, CA
440 OCEANOGRAPHY - PHD	P174012	S- 00-2001	PGS	Monterey, CA
460 ENGINEERING SCIENCE REFREHSER	P178023	S- 00-2001	PGS	Monterey, CA
460 ENGINEERING SCIENCE REFRESHER	P174233	S- 00-2001	PGS	Monterey, CA
526 UNDERSEA WARFARE INTERNATIONAL	P179911	S- 00-2001	PGS	Monterey, CA
533 COMBAT SYSTEMS SCI/TEC - MS INTERNATIONALS	P179906	S- 00-2001	PGS	Monterey, CA
54H60-77 PROP I/MAINT	P141891	C-602-3536	PTDJ	Jacksonville, FL
570 MECHANICAL ENGINEERING - PHD	P179108	S- 00-2001	PGS	Monterey, CA
570 MECHANICAL ENGRG - MS	P177715	S- 00-2001	PGS	Monterey, CA
580 SYSTEMS ENGINEERING	P174270	S- 00-2001	PGS	Monterey, CA
590 ELECTRICAL ENGINEERING - PHD	P179109	S- 00-2001	PGS	Monterey, CA
590 ELECTRNIC SYSTEMS ENGR-ENG	P177721	S- 00-2001	PGS	Monterey, CA
590 ELECTRONIC SYSTEMS ENGRG-MS	P177712	S- 00-2001	PGS	Monterey, CA
596 ELECTRONIC WARFARE (EW) FOR INTERNATIONAL OFFICERS	P179175	S- 00-2001	PGS	Monterey, CA
681 REG SEC STUDIES (MDE,SA, SUB-SAH AFRICA) MA	P179031	S- 00-2001	PGS	Monterey, CA
682 REG SEC STUDIES (FE/SEAS/PACIF) MA	P179032	S- 00-2001	PGS	Monterey, CA
683 REGIONAL SEC STUDIES (WESTERN HEM) MA	P179034	S- 00-2001	PGS	Monterey, CA
684 REGIONAL SEC STUDIES (EUROPE/EURASIA) MA	P179033	S- 00-2001	PGS	Monterey, CA
685 CIV-MIL RELATIONS	P171403	S- 00-2001	PGS	Monterey, CA
686 STABILIZATION & RECONSTRUCTION	P179028	S- 00-2001	PGS	Monterey, CA
687 DEFENSE DECISION MAKING AND PLANNING	P179029	S- 00-2001	PGS	Monterey, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
693 CTERR POLICY&STRAT - MA	P173201	S- 00-2001	PGS	Monterey, CA
694 SECURITY STUDIES - PHD	P173401	S- 00-2001	PGS	Monterey, CA
698 JOINT INFORMATION OPERATIONS - MS	P179042	S- 00-2001	PGS	Monterey, CA
699 SPECIAL OPERATIONS - MS	P173200	S- 00-2001	PGS	Monterey, CA
721 SYSTEMS ENGINEERING MGMT/PRODUCT DEVELOPMENT - MS	P174022	S- 00-2001	PGS	Monterey, CA
815 ACQUISITION & CONTRACT MANAGEMENT - MS	P179908	S- 00-2001	PGS	Monterey, CA
816 SYSTEM ACQUISITION MANAGEMENT - MS	P179909	S- 00-2001	PGS	Monterey, CA
818 DEFENSE SYSTEMS MANAGEMENT - MS	P176002	S- 00-2001	PGS	Monterey, CA
818 INFORMATION SCIENCES PHD	P176007	S- 00-2001	PGS	Monterey, CA
819 SUPPLY CHAIN MANAGEMENT - MS	P179907	S- 00-2001	PGS	Monterey, CA
820 RESOURCE MANAGEMENT FOR INTERNATIONALS - MS	P179905	S- 00-2001	PGS	Monterey, CA
827 MATERIAL LOGISTICS SUPPORT MANAGEMENT	P179913	S- 00-2001	PGS	Monterey, CA
837 FINANCIAL MANAGEMENT	P179127	S- 00-2001	PGS	Monterey, CA
847 MANPOWER SYSTEMS ANALYSIS - MS	P179105	S- 00-2001	PGS	Monterey, CA
870 INFORMATION SYSTEMS MANAGEMENT - MBA	P179221	S- 00-2001	PGS	Monterey, CA
A DEV AJAX WEB 2.0 APP: HANDS-ON COURSE 986	P178063		VAR	
A/C NDI TECH CLASS C1	P141369	C-603-3191	PNTP	Pensacola, FL
A/C SEALED INST RPR I/M	P141872	C-602-3019	PTDJ	Jacksonville, FL
A/M32C-17 MBLE AIRCON I/M	P141871	C-602-3279	PTDJ	Jacksonville, FL
AD - HELO FUNDAMENTALS	P141621	C-601-2012	PNTP	Pensacola, FL
AD - MACHMATE COMMON CORE	P141620	C-601-2011	PNTP	Pensacola, FL
AD - TURBOJET A/C FUND	P141623	C-601-2014	PNTP	Pensacola, FL

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AD - TURBOPROP A/C FUND	P141622	C-601-2013	PNTP	Pensacola, FL
ADV AVIATION MAINTENANCE MGMT OFFICER COURSE	P141128	C- 4D-2001	PNGW	Milton, FL
ADV CALIBRATION TECH	P148363	C-198-2011	PNTK	Biloxi, MS
ADV CISCO ROUTERS	P178035	CIVCONTR	VAR	
ADV COMPOSITE MATERIAL MT	P141677	C-603-3868	PTDL	Lemoore, CA
ADV COMPOSITE MTRL REPAIR	P141412	C-603-3868	PTDO	Virginia Beach, VA
ADV CT AIRCRW TACT JETS (N6)	P117403	B- 9E-1231	PAMI	Pensacola, FL
ADV CT AIRCRW TACT JETS (N6)	P117416	B- 9E-1231	PATS	NAS Lemoore, CA
ADV ENGINEERING AID (ADV EA)	P174073	A-412-0015	PCCG	Gulfport, MS
ADV FLIGHT CONTROLS	P118403		PNAX	Patuxent River, MD
ADV MGMT PROGRAM (AMP)	P162015	A-8B-0060	PSC3	Newport, RI
ADV NFO IUT T-45C	P115000	Q- 2D-3096	PTWP	Pensacola, FL
ADV NFO STRIKE FLOW IUT	P115032		PTWP	Pensacola, FL
ADV RADAR AIR TRAF CONTROL	P133026	C-222-2022	PNTP	Pensacola, FL
ADV SEWING MACHINE REPAIR	P148125	C-602-2029	PNTP	Pensacola, FL
ADV SHPBD FIREFIGHTING	P129181	J-495-0419	PTC2	San Diego, CA
ADV TRNG FOR AIRCREW NON-EJECT FIXED WING AIRCRAFT	P117419	B- 9E-1240	PATS	NAS Lemoore, CA
ADV TRNG FOR AIRCREW NON-EJECT FIXED WING AIRCRAFT	P117422	B- 9E-1240	PAMI	Pensacola, FL
AE A1 STRAND	P131380	C-602-2039	PNTP	Pensacola, FL
AE APPREN TECH (AEC)	P131387	A-100-0109	PNTP	Pensacola, FL
AEROSPACE MED RESIDENCY	P175309		PAMI	Pensacola, FL
AEROSPACE MEDICINE SPECIALIST	P119041		PAMI	Pensacola, FL

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Course Title	MASL No	CIN	LOC Code	Location Name
AFLOAT ENVIRONMENTAL PROTECTION COORDINATOR	P179242	A- 4J-0021	PSDC	San Diego, CA
AH-1W SIMULATOR TRAINING	P119016		PMTR	Jacksonville, NC
AIC FLIGHT SUPPORT	P179401	CIVCONTR	PTCP	San Diego, CA
AIM-9X SIDEWINDER EMER SAF	P196012	MODULE 3.4	PHTF	Tucson, AZ
AIMS MK XII IFF SYS MT	P137034	A-102-0062	PSSN	Virginia Beach, VA
AIR COMP & CMP AIR SYS	P145291	A-651-0070	PTC2	San Diego, CA
AIR REFUELING STORE MODEL 31-301 REPAIR TECH	P141116	C-602-3084	PTDL	Lemoore, CA
AIR TRAF CNTL CEN CARRIER	P133028	C-222-2012	PNTP	Pensacola, FL
AIR TRAFFIC CONTRL AC A1	P133025	C-222-2010	PNTP	Pensacola, FL
AIRBORNE SYS T&E ENGINEER	P118408		PNAX	Patuxent River, MD
AIRBORNE SYS T&E NFO/WSO	P118407		PNAX	Patuxent River, MD
AIRCRAFT ACCIDENT INVESTIG	P169227	CIVCONTR	PSCE	Torrance, CA
AIRCRAFT CORROSION	P141266	C-600-3183	PTDV	Virginia Beach, VA
AIRCRAFT PAINT/FINISH	P141013	C-600-3182	PTDV	Virginia Beach, VA
AIRCRAFT WEIGHT & BALANCE	P141616	E-516-0001	PTDN	San Diego, CA
AIRCRAFT WEIGHT & BALANCE	P148230	D-516-0001	PTDJ	Jacksonville, FL
AIRCREW SURVIVAL EQUIPMENTMAN 'A' SCHOOL	P148004	C-602-2043	PNTP	Pensacola, FL
AIRPLANE FLYING QUALITIES	P118401		PNAX	Patuxent River, MD
AJPME DISTL PHASE I	P471350	PAFS DISTL	VAR	
ALE-47 MISSION DATA FILE GENERATOR (MDFG) TRAINING	P122104		PCCC	Jacksonville, FL
AM A1 CORE	P141618	C-603-0175	PNTP	Pensacola, FL
AM O LEVEL STRND	P141619	C-603-0176	PNTP	Pensacola, FL

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AME -AVIASTR MECH E C/CORE	P141629	C-602-2033	PNTP	Pensacola, FL
AMPB AIR TRAF CNTRL CEN OP	P133027	C-222-2019	PNTP	Pensacola, FL
AMPHIB CIC BOAT CONTROL TEAM TRAINING	P124036	J-221-0043	PEW4	Norfolk, VA
AMPHIB RECON CORPSMAN	P175520	A-431-0076	PDIV	Panama City, FL
AN EXPANSIVE APPROACH TO DISARAMENT, DEMOBILIZATION and REINTEGRATION (DDR)	P170022	CCMR	VAR	
AN/APX-118 TRANSPONDER SYSTEM MAINTENANCE COURSE	P141000	A-102-0052	PSSN	Virginia Beach, VA
AN/AQH4&(V2) INTERM/MAINT	P141895	C-102-3596	PTDJ	Jacksonville, FL
AN/ARC-182 (V) COMM EQUIP	P141054	C-102-4017	PTDO	Virginia Beach, VA
AN/SPS-49(V) RADAR SET MT	P137152	A-104-0176	PFCS	San Diego, CA
AN/SPS-49A 5,7,8 & MT TECH	P137162	A-104-0222	PSSN	Virginia Beach, VA
AN/SPS-55 RADAR SET MT	P137044	A-104-0162	PSSN	Virginia Beach, VA
AN/SSN-6 NAVSSI O&M	P145233		PSN1	San Diego, CA
AN/URN-25 TACAN MAINT	P137159	A-102-0239	PFCS	San Diego, CA
AN/USC-42 MINI-DAMA	P139268		PSNW	San Diego, CA
AN/USM-449A(V) OPERATOR	P141933	C-198-3021	PTDJ	Jacksonville, FL
AN/USM-449B(V) I/MAINT	P141855	C-198-3022	PTDJ	Jacksonville, FL
AN/USM-636A CASS CC INT MT	P141704	C-198-3044	PTDN	San Diego, CA
AN/USM-636V CASS CC INT MT	P141800	C-198-3044	PTDO	Virginia Beach, VA
AN/USM-636V CASS COMM CONFG	P141271	C-198-6102	PTDN	San Diego, CA
AN/USM-674 MODULAR TEST & REPR EQUP OPER GOLD DISC	P139039		PFEO	Portsmouth, VA
AN/USQ-125 (V) LIMK-11 DATE TERMNL SET (DTS) W/RCU	P129046		PMPT	Portsmouth, VA

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AN/USQ-82V FIBER OPTIC SYS	P132001		PAG	Dahlgren, VA
AN/WSN-7(V)1 SURFACE OP MT	P145044		PWRS	Norfolk, VA
ANTI-SUB WARFARE CERT PROGRAM (ASW CERT) OCONUS	P471214	CURR 274	VAR	
ANTI-SUBMARINE WARFARE CERT PROGRAM (ASW) CONUS	P170214	CURR 274	VAR	
AO - NAVY DIFFERENCE TRNG	P142381	C-646-2012	PNTP	Pensacola, FL
AO APPREN TECH (AEC)	P131386	A-100-0111	PNTP	Pensacola, FL
ARMED SENTRY/SECURITY REACTION FORCE BASIC	P173155	A-830-0018	PTC6	San Diego, CA
AS APPREN TECH (AEC)	P131388	A-100-0113	PNTP	Pensacola, FL
ASE MAINT MANAGER	P141917	C-500-3202	PTDJ	Jacksonville, FL
AT I APPREN TECH (AEC)	P131384	A-100-0110	PNTP	Pensacola, FL
AT O APREN TECH (AEC)	P131385	A-100-0112	PNTP	Pensacola, FL
ATG MAYPORT OJT	P145108		PFTM	Mayport, FL
ATG SUPPORT	P366003	SHIP TRANSFER	VAR	
AUX MACH CNTRL/GOVR&REG MT	P145285	A-651-0069	PTC2	San Diego, CA
AV GAS FREE ENGINEERING	P141043	C-600-3000	PTDJ	Jacksonville, FL
AV SAFETY OFF (ASO)	P171410	C- 4J-3302	PSFF	Pensacola, FL
AV TECH I LEVEL A1 STRAND	P131379	C-100-2017	PNTP	Pensacola, FL
AV TECH O LEVEL A1 STRAND	P131378	C-100-2018	PNTP	Pensacola, FL
AVIATION BOATSWAIN MATE AIRCRAFT HANDLING	P141147	C-822-2010	PNTP	Pensacola, FL
AVIATION BOATSWAINS MATE FUELS CLASS A1	P141121	C-821-2010	PNTP	Pensacola, FL
AVIATION FUEL MT TECH	P141307	C-821-2014	PNTP	Pensacola, FL
AVIATION MAINTENANCE ADMINISTRATION MAN CLASS A1	P163601	C-555-2010	PME1	Meridian, MS

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AVIATION OJT ENLISTED	P179AVE		VAR	
AVIATION OJT OFFICER	P179AVO		VAR	
AVIATION ORDN A SCHOOL	P142380	C-646-2011	PNTP	Pensacola, FL
AVIATION SAFETY CMD (ASC)	P171411	C- 4J-3301	PSFF	Pensacola, FL
AVIATION SPT EQUIP TECH A1	P141631	C-602-2026	PNTP	Pensacola, FL
AVIATION WARFARE APPREN	P131389	C-100-2021	PNTP	Pensacola, FL
AVTRA ADV E2/C2 MPTS FLT	P111315	Q- 2A-0098	PTWC	Corpus Christi, TX
AVTRA ADV HELO IUT	P115006	Q- 2A-0069	PTWV	Milton, FL
AVTRA ADV HELO MPTS	P113301	Q- 2A-0015	PTWV	Milton, FL
AVTRA ADV MULENG MPTS A/F	P112305	Q- 2A-0092	PTWC	Corpus Christi, TX
AVTRA ADV MULENG MPTS NAVY	P112304	Q- 2A-0091	PTWC	Corpus Christi, TX
AVTRA ADV NFO STRK FIGHTER	P114036	Q- 2D-0055	PTWP	Pensacola, FL
AVTRA AIRCREW CAND SCH	P117024	C-050-1500	PAVS	Pensacola, FL
AVTRA FLT SURG T-34/TH-57	P119024	Q- 2A-0072	PTWV	Milton, FL
AVTRA INSTRUCTOR	P115001	SPECIAL	PTWP	Pensacola, FL
AVTRA INSTRUCTOR	P115002	SPECIAL	PTWM	Meridian, MS
AVTRA INSTRUCTOR	P115003	SPECIAL	PTWV	Milton, FL
AVTRA INT E2/C2 T-45 FLT	P111316	Q- 2A-0192	PTWM	Meridian, MS
AVTRA INTERM MS NFO T-6/T-39	P114006	Q- 2D-0285	PTWP	Pensacola, FL
AVTRA PRE-FLIGHT INDOC	P119301	Q- 9B-0020	PAVS	Pensacola, FL
AVTRA PRIMARY MS NFO T-6	P114005	Q- 2D-0185	PTWP	Pensacola, FL
AVTRA T-45 COMBINED FLIGHT TRAINING (SPECIAL)	P111300	SPECIAL	PTWM	Meridian, MS

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AVTRA T-45A T/S STRIKE FLT	P111310	Q- 2A-0007	PTWT	Kingsville, TX
AVTRA T-45C T/S STRIKE FLT	P111309	Q- 2A-0196	PTWM	Meridian, MS
AVTRA T-45C T/S STRIKE FLT	P111326		PTWT	Kingsville, TX
AVTRA TH-57 SIMULATOR	P113314	SPECIAL	PTWV	Milton, FL
BASIC AIRBORNE FIRE CONTROL SYSTEMS DEF 1001P	P122114	PGAT	VAR	
BASIC ANTENNA CONCEPTS DEF 1501P	P122112	PGAT	VAR	
BASIC ENGINEERING COMMON CORE ADVANCED (BECC)	P145021	A-651-0011	PSS4	Great Lakes, IL
BASIC RF ELECTRONIC WARFARE CONCEPTS	P131005	PGAT	VAR	
BEST PRACTICES IN JAVA PROGRAMMING	P178032	CIVCONTR	VAR	
BU C-1 ADV	P174209	A-710-0011	PCCH	Port Hueneme, CA
BUD/S, DIVE, AND SWIM PREP	PDET016	SPECIAL	POTD	Pensacola, FL
BUDGET PREPARATION EXECUTION & ACCOUNTING	P156600		PDR	Monterey, CA
C4I OFFICER CORE COURSE	P179214	CIVCONTR	PNSH	Charleston, SC
C4I OFFICER OPERATIONS COURSE	P179215	CIVCONTR	PNSH	Charleston, SC
C4I OFFICER TECHNICAL COURSE	P179216	CIVCONTR	PNSH	Charleston, SC
C9 CATERPILLAR ENGINE MAINT & OVERHAUL COURSE (MV)	P145113	MALDIVES	PNST	Stennis Space Center, MS
CABIN ACCIDENT INVESTIGATION	P169007	CIVCONTR	PSCE	Torrance, CA
CADRT OPERATOR TRNG	P124028		PDAH	Dahlgren, VA
CAPABILITY MATURITY MODEL INTEGRATION (CMMI) #932	P178004	CIVCONTR	VAR	
CASUALTY TREATMENT FOR ENL	P175662	B-330-0012	PDCD	San Diego, CA
CASUALTY TREATMENT FOR OFF	P175658	B- 6C-6002	PDCD	San Diego, CA
CAT DIESEL ENG OVHL TECH	P148050	A-652-0210	PEW1	San Diego, CA

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CCMR EXEC PRGM IN DEC MK	P170001		PCMR	Monterey, CA
CCMR INTEL AND POLICY IN RESIDENCE	P170009		PCMR	Monterey, CA
CD - COMB STRATEGY/SEC/OPS	P171493	CD ROM	PNCE	Newport, RI
CDLMS MAINTENANCE	P139233		PSNW	San Diego, CA
CEC OFF BAS QUAL	P174052	A- 4A-0010	PCEC	Port Hueneme, CA
CENTRIFUGE-BASED FLT ENVIRON TRAINER (CFET) (NP5)	P128101	B-012-1010	PATS	NAS Lemoore, CA
CGO/WPNS ELEVATOR ELEC MT	P145052	A-690-0099	PSS4	Great Lakes, IL
CHEMICAL BIOLOGICAL IRF	P127180		POSI	Indian Head, MD
CIMIC & COMBATING TERRORISM (CT)	P179021	CT-CMR	PCMR	Monterey, CA
CIVILIAN CONTR TRNG-PNA	P179183	CIVCONTR	VAR	
CIVILIAN CONTR TRNG-PSE	P179166	CIVCONTR	VAR	
CIV-MIL RESP TO TERRORISM	P179018	CT-CMR	PCMR	Monterey, CA
CIWS COMBINED TRAINING (DAMNECK VA)	P134002	A-113-0043	PTCL	Virginia Beach, VA
CIWS MAINTENANCE & OPERATION	P134152	CIVCONTR	PWCD	Louisville, KY
CIWS MK 15 MODS 21, 22, 25	P134000	A-113-0206	PTCL	Virginia Beach, VA
CIWS MK 15 MODS 21, 22, 25	P134144	A-113-0206	PFCS	San Diego, CA
CIWS MK-15 MOD 11/14 OP/MT	P134171	A-113-0114	PFCS	San Diego, CA
CIWS MK-15 MOD 11/14 OP/MT	P134276	A-113-0114	PTCL	Virginia Beach, VA
CIWS SPECIAL OPERATOR COURSE	P134153	CIVCONTR	PWCD	Louisville, KY
CMDR AMPHIB TASK/F SURGEON	P175310	B- 6A-1000	PSWM	San Diego, CA
COMBAT LIFESAVER COURSE	P122000		PNST	Stennis Space Center, MS
COMBINED FORCE MARITIME COMPONENT CDR FLAG BAHRAIN	P271001	OVERSEAS-BAHRAIN	PNWB	Manama, Bahrain

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COMBINED FORCE MARITIME COMPONENT CDR FLAG COURSE	P171000		PNWH	Pearl Harbor, HI
COMBINED FORCE MARITIME COMPONENT CDR FLAG NAPLES	P271000	OVERSEAS-NAPLES	PNWI	Naples, IT
COMMAND AND STAFF COLLEGE REGIONAL SEMINAR CONUS	P171854		VAR	
COMMAND LEADERSHIP	P171030	P- 1B-0004	PCLS	Newport, RI
COMMAND MASTER CHIEF/CHIEF OF THE BOAT	P171037	A-570-4500	PNEA	Newport, RI
COMPUTER TECHNOLOGY AND MGMT INFORMATION SYSTEMS	PDET002	SPECIAL	POTD	Pensacola, FL
COMPUTER-BASED TRAINING (CBT)	P169005	CIVCONTR	POTD	Pensacola, FL
CONSEQUENCE ASSESSMENT TOOL SET LEVEL 1 (CATS 1)	P173010	DNWS-R020	PDTR	Kirkland AFB, NM
CONSEQUENCE ASSESSMENT TOOL SET LEVEL 2 (CATS 2)	P173011	DNWS-R021	PDTR	Kirkland AFB, NM
CONSTRUCTION INSPECTOR	P174238	A-710-0022	PCCH	Port Hueneme, CA
CONTR BRIDGE SIMULATOR TRNG	P124067		PFTM	Mayport, FL
CONTR C-130 SIMU REFRESHER	P179389	CIVCONTR	PCAE	Tampa, FL
CONTR E2 FAM	P179559	CIVCONTR	PGCS	ST Augustine, FL
CONTR E2 OJT	P179584	CIVCONTR	VAR	
CONTR E2 SIM TRNG	P179563	CIVCONTR	PGCS	ST Augustine, FL
CONTR FLIGHT SAFETY TRNG	P179970	CIVCONTR	VAR	
CONTR MECC HVAC MAINT TRNG	P179867	CIVCONTR	PCSO	Lebanon, OH
CONTR SH-2G(E) FLIGHT TNG	P179461	CIVCONTR	VAR	
CONTR SHIP INTRO	P179826	CIVCONTR	PSYD	Charleston, SC
CONTR SHIP TRANSFER TRNG	P179103	CIVCONTR	VAR	
CONTR SHIP TRANSFER TRNG	P179823	CIVCONTR	PRBW	Seattle, WA
CONTR SHIP TRANSFER TRNG	P179824	CIVCONTR	VAR	

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CONTR SHIP TRANSFER TRNG	P179825	CIVCONTR	PSYD	Charleston, SC
CONTR TRNG - MARCORPS	P179950	CIVCONTR	VAR	
CONTR TRNG ADMINISTRATIVE	P160001	CIVCONTR	PSTM	Vienna, VA
CONTR TSTA-FE	P179827	CIVCONTR	PSYD	Charleston, SC
CONTRACTOR SUPPORT	P366CS4	NONE	VAR	
CONTRACTOR SUPPORT	P366CS7		VAR	
CONTRACTOR SUPPORT - PCT	P366CS1	CIVCONTR	VAR	
CONTRACTOR SUPPORT - PSE	P366CS3	NONE	VAR	
CONTRACTOR SUPPORT - PSW	P366CS6	NONE	VAR	
CONTRACTOR SUPPORT TRNG	P179020	NON-ST	VAR	
CONTRACTOR SUPPORT-NITC	P366CS8		POTD	Pensacola, FL
CONTROLLING NETWORK ACCESS	P178037	CIVCONTR	VAR	
CONUS - POST ASSESSMENT SEMINAR AND SITE VISIT	P471001		VAR	
CONUS (ISPS) CODE IMPLEMENTATION SEMINAR	P179086		VAR	
CONUS POST ASSESSMENT SEMINAR & SITE VISIT	P179110		VAR	
CREW RESOURCE MGMT INSTRUC	P115025	C-050-1503	PAVS	Pensacola, FL
CS-A-SCHOOL	P163611	A-800-0013	PSS5	Great Lakes, IL
CSCDEP NON-RESIDENT SEMINAR	P471850		VAR	
CSCDEP NON-RESIDENT SEMINAR CONUS	P171853		POTD	Pensacola, FL
CSCDEP REGIONAL SEMINAR OCONUS	P471854		VAR	
CT BOAT CREW TRAINING	P145071		VAR	
CT ENGINEERING TRAINING	P145072		VAR	

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CTM ATT (SELF-PACED-AEC)	P139473	C-100-0116	PNTP	Pensacola, FL
CTT 6YO ATT (SELF-PACED)	P137106	A-100-0120	PNTP	Pensacola, FL
CURR DEV & MANUAL MAINT FAMILIARIZATION	P169001	CIVCONTR	POTD	Pensacola, FL
DAMCONT REPAIR PARTY LDR	P166235	K-495-0040	PTC2	San Diego, CA
DAMCONT REPAIR PARTY LDR	P166251	K-495-0040	PFC2	Virginia Beach, VA
DATA LINK COMM SYS MT TECH	P139600	A-101-0148	PTCL	Virginia Beach, VA
DEF ACQUISITION MGMT	P159200		PATM	Monterey, CA
DEF PLAN CERT (GRADUATE-LEVEL EDUC DEF PLANNERS)	P170006	CURR 245	PGS	Monterey, CA
DEF RES MGT CRS	P162002	S- 00-3306	PDR	Monterey, CA
DEFENSE TECHNOLOGY & SYS - MS	P179039	S- 00-2001	PGS	Monterey, CA
DEI TRNG & CERT	P148352	A-652-0311	PTC2	San Diego, CA
DEI TRNG & CERT	P148384	A-652-0311	PFC2	Virginia Beach, VA
DENTAL-ENDODONTICS	P175203	B- 6C-1014	PDCB	Bethesda, MD
DENTAL-ENDODONTICS	P175659	B- 6C-1003	PDCD	San Diego, CA
DEPARTMENT HEAD LEADERSHIP COURSE (DHLC)	P171054	P- 7C-0101	PSC4	Newport, RI
DEPLOYING AND MANAGING WINDOWS 7: HANDS ON	P179210	CIVCONTR	PLTN	New York, NY
DEPLOYING MICROSOFT OFFICE 2007 PROFESSIONAL PLUS	P178017	CIVCONTR	PGK2	Arlington, VA
DEPLOYING SHAREPOINT SERVER 2007	P178048	CIVCONTR	VAR	
DEPLOYING VMWARE VSPHERE	P178070	CIVCONTR	PLTR	Rockville, MD
DEPLOYING WINDOWS VISTA	P178062	CIVCONTR	VAR	
DEPT HEAD LEADERSHIP COURSE	P171040	P-7C-0101	PNLV	Virginia Beach, VA
DESIGN CONTROL DESIGN EXP	P162388		POCF	Fallbrook, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
DESIGNING AND BUILDING GREAT WEB PAGES	P178024	CIVCONTR	VAR	
DESIGNING AND BUILDING GREAT WEB PAGES: HANDS ON	P179211	CIVCONTR	PLTN	New York, NY
DETECTING AND ANALYZING INTRUSIONS	P178050	CIVCONTR	VAR	
DEVELOPING A WEB SITE	P178034	CIVCONTR	VAR	
DEVELOPING ASP .NET WEB APPLICATIONS #512	P178014	CIVCONTR	VAR	
DEVELOPING JAVA WEB APPLICATION #570	P178011	CIVCONTR	VAR	
DEVELOPING USER REQUIREMENTS	P145114		VAR	
DEVELOPING USER REQUIREMENTS	P178061	CIVCONTR	VAR	
DIAGNOSIS AND TREATMENT STRATEGIES OF OCCLUSION	P175001	B- 6C-1018	PDCB	Bethesda, MD
DIESEL ENG C SCHOOL CORE	P145453	A-652-0320	PSS4	Great Lakes, IL
DIESEL ENGINE INSPECT SEMINAR (RE-CERTIFICATION)	P145112		PSSA	Norfolk, VA
DISABLED SUBMARINE (DISSUB) SENIOR SURVIVOR COURSE	P122094	F-493-0150	PSUB	Groton, CT
DIST PLANT/COND/HEAT EXCH	P145276	A-651-0071	PTC2	San Diego, CA
DIVER EXPLOSIVE ORD DISP	P179190	A-431-0083	PDIV	Panama City, FL
DIVISION OFFICER LEADERSHIP COURSE (DIVOLC)	P162013	P-7C-0100	PCLD	Pensacola, FL
DIVISION OFFICER LEADERSHIP COURSE (DIVOLC)	P162017	P- 7C-0100	PSC4	Newport, RI
DOCTOR OF PHILOSOPHY - SYSTEMS ENGINEERING	P170017	S- 00-2001	PGS	Monterey, CA
DOD OPERATIONS SECURITY COURSE (OPSE-2500)	P129020		VAR	
E2C OFT DEVICE 2F166	P119322		PVAW	Norfolk, VA
E2C OPER FLT TRAINER	P119701		PFAW	Point Mug, CA
EA-A-SCH	P174250	A-412-0010	PFLW	FT Leonard Wood, MO
E-IMET SEMINAR EXPENSES	P366009	NON-ST	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
ELEC AUTO BOILER CTR MAINT	P145262	A-651-0088	PFC2	Virginia Beach, VA
ELEC AUTO BOILER CTR OP	P145033	A-651-0089	PTC2	San Diego, CA
ELEC AUTO BOILER CTR OP	P145263	A-651-0089	PFC2	Virginia Beach, VA
ELECT WRA MT INT	P141295	C-602-3869	PTDL	Lemoore, CA
ELECTRIC MOTOR REWIND	P131042	J-662-0021	PTC2	San Diego, CA
ELECTRICAL STANDARDS	P131024	A-493-0033	PSDC	San Diego, CA
ELECTRICAL STRAND	P131000	A-662-0002	PSS4	Great Lakes, IL
ELECTRONIC WARFARE ENGINEER CERTIFICATE CONUS	P170012	CURR 292 PGS CBT (3CRS)	VAR	
ELECTRONIC WARFARE ENGINEER CERTIFICATE OCONUS	P471012	CURR 292 PGS DISTL (3CRS)	VAR	
EM APPRENTICE TECHNICAL TRNG ATT (AEC)	P131012	A-100-0102	PSS4	Great Lakes, IL
EMBRY RIDDLE AERONAUTICAL UNIVERSITY TRAINING	P178054	CIVCONTR	PEMB	Pensacola, FL
EMERGENCY WAR SURGERY	P175015		PWHM	FT Sam Houston, TX
EMERGENCY WAR SURGERY	P175801		PCDV	San Diego, CA
ENG PROFESSIONAL APPRENTICESHIP CAREER TRACK	P145029	A-651-0012	PSS4	Great Lakes, IL
ENGINEERING BULK FUEL SYSTEMS SHORE TECHNICIAN	P149110	K-821-2145	PTC2	San Diego, CA
ENGINEMAN STRAND	P145040	A-652-0052	PSS4	Great Lakes, IL
ENGRG MT PRINCS AND PRACS	P145258	A-651-0064	PTC2	San Diego, CA
EO C-1 ADV	P174072	A-730-0011	PCCH	Port Hueneme, CA
EOD PREPARATORY TRNG	P122079	SPECIAL	POTD	Pensacola, FL
EQUAL OPPORTUNITY ADVISOR CRS (RESIDENT)	P162006	P-561-0001	PDEO	Patrick AFB, FL
ESSM ASSEMBLY/DISASSEMBLY	P195008	CIVCONTR	PHTF	Tucson, AZ
ESSM ASSEMBLY/DISASSEMBLY	P195186		PWSE	Port Hueneme, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
ESSM ENCAN/DECAN	P195187		PWSE	Port Hueneme, CA
ESSM ENCANISTERIZATION/DECANISTERIZATION	P195009	CIVCONTR	PHTF	Tucson, AZ
ESSM FLIGHT DATA ANALYSIS	P195157	CIVCONTR	PHTF	Tucson, AZ
ESSM THEORY OF OPERATION	P195134		PWSE	Port Hueneme, CA
ET A SCHOOL	P139453	A-100-0149	PSS2	Great Lakes, IL
ET APPREN TECH SELF PACED	P139013	A-100-0106	PSS2	Great Lakes, IL
ETHICAL HACKING AND COUNTERMEASURES	P178030	CIVCONTR	VAR	
ETSS POST DEPLOY STANDDOWN	P329009		VAR	
ETSS PREDEPLOYMENT PREP	P329006		VAR	
EVOLVED SEA SPARROW MISSILE (ESSM) THEORY OF OPS	P195007	CIVCONTR	PHTF	Tucson, AZ
EWO INTERNATIONAL	P139336	J- 2G-0213	PFC3	Virginia Beach, VA
EWSDEP NON-RESIDENT SEMINAR	P471046		VAR	
EXECUTIVE MBA (EMBA), DEFENSE FOCUS (CONUS)	P170212	CURR 805	VAR	
EXECUTIVE MBA (EMBA), DEFENSE FOCUS OCONUS	P471212	CURR 805	VAR	
EXERCISE PARTICIPANT	P121001		VAR	
EXP SHORE BASED CBRD OPSS	P173004	A-494-0006	PCCG	Gulfport, MS
EXP SHORE BASED CBRD OPSS	P173015	A-494-0006	PCCH	Port Hueneme, CA
EXPEDITIONARY WARFARE REGIONAL SEMINAR CONUS	P171055		VAR	
EXPEDITIONARY WARFARE REGIONAL SEMINAR OCONUS	P471002		VAR	
EXPLORING THE DDR-SSR NEXUS	P170003		PCMR	Monterey, CA
EXT TRNG SERVICE SPEC	P329005		VAR	
F/A-18 AVIA HYD/STRUT MT I	P141737	C-603-9973	PTDL	Lemoore, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
F/A-18 BONDED JOINT ANALYSIS METHODOLOGY (BJAM)	P141123		PNNI	San Diego, CA
F/A-18 CONV REL SYS TEST	P141650	E-646-0647	PLAW	NAS Lemoore, CA
F/A-18 CONV WPNS LOADING	P141652	E-646-0640	PLAW	NAS Lemoore, CA
F/A-18 ELEC INST ORG MT I	P141735	C-602-9975	PTDL	Lemoore, CA
F/A-18 ENV CNTRLS ORG MT I	P141739	C-602-9973	PTDL	Lemoore, CA
F/A-18 PP & REL SYS (INITIAL) ORG MAINT	P141125	C-601-9973	PTDO	Virginia Beach, VA
F/A-18 PP/REL SYS ORG MT I	P141738	C-601-9973	PTDL	Lemoore, CA
F/A-18 SIMULATOR	P119002		PBSC	ST Louis, MO
F/A-18 SPECIAL TRACK TRNG	P141106		PARJ	Jacksonville, FL
F/A-18 STORES M/SYS ORG I	P141736	C-646-9973	PTDL	Lemoore, CA
F/A-18 TAR/FLIR	P141745	C-102-3870	PTDL	Lemoore, CA
F/A-18 WIRE REP ORG MAINT	P141674	C-602-3871	PTDL	Lemoore, CA
F404 ENGINE CONTROLS COURSE (LEVEL IV)	P141127		PGEC	Cincinnati, OH
F414-GE-400 ENGINE INTERMEDIATE MAINTENANCE	P141119	C-601-4866	PTDL	Lemoore, CA
FALL PROTECTION	P169015	A-493-0084	PSDC	San Diego, CA
FAST CHARACTERIZATION TOOL (FACT) TRAINING	P119053		PWCL	China Lake, CA
FFG-7 AUX ELECT SUBSYS TCH	P145251	A-652-0172	PSS4	Great Lakes, IL
FFG-7 AUX ELECT SYS MT	P145252	A-652-0215	PSS4	Great Lakes, IL
FFG-7 AUX MECH SUBSYS MT	P145243	A-652-0158	PSS4	Great Lakes, IL
FFG-7 ELECT MT (GSE) STRND	P145451	A-652-0327	PSS4	Great Lakes, IL
FFG-7 FIN STABILIZER SYS	P145325	A-652-0164	PSS4	Great Lakes, IL
FFG-7 IC SUBSYS TECH	P132054	A-623-0099	PSS2	Great Lakes, IL

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Course Title	MASL No	CIN	LOC Code	Location Name
FFG-7 SHIP DEGAUS SYS MT	P145228	A-690-0078	PSS4	Great Lakes, IL
FFG-7/36/61 COM/PER SUBSYS	P149275	A-150-0135	PTCL	Virginia Beach, VA
FFG-7/36/61 DATA DSPLY GRP	P149276	A-150-0136	PTCL	Virginia Beach, VA
FIBER OPTIC MAINTENANCE AND REPAIR	P145038		VAR	
FIELD MEDICAL SERV TECH	P175570	B-300-0013	PMFM	Camp Lejeune, NC
FINAF HYDRAULICS OJT	P145109	OJT	PNNI	
FIRE CONTROLMAN A STRAND	P131351	A-100-0141	PSS2	Great Lakes, IL
FIREFIGHTING GENERAL SHIPBOARD	P127001	A-495-0416	PTC2	San Diego, CA
FIREFIGHTING SHPBD AIRCRFT	P127028	J-495-0413	PTC2	San Diego, CA
FIRST RESPONDER COURSE	P173501	S-830-0026	PNCL	Washington, DC
FIXED WING FLT MECH PILOT	P118300		PNAX	Patuxent River, MD
FIXED WING FLT TEST ENGR	P118302		PNAX	Patuxent River, MD
FLIGHT DATA ANALYSIS	P169010	CIVCONTR	PSCE	Torrance, CA
FLIGHT SURGEON ACADEMIC	P175307	B- 6A-2100	PAMI	Pensacola, FL
FOAM GEN SYS OPS & MAINT	P145438	K-495-2179	PFC2	Virginia Beach, VA
FUEL PROBE/CARGO DROP MT	P145758	J-690-0077	PNAB	Norfolk, VA
FUNDAMENTAL SKILLS TRAINING	P179610	CIVCONTR	POTD	Pensacola, FL
FUNDAMENTALS IN INFO SYS TECHNOLOGY (EFIST)	P170215	CURR 276	VAR	
FUNDAMENTALS IN INFO SYS TECHNOLOGY (EFIST) OCONUS	P471215	CURR 276	VAR	
FUNDAMENTALS OF AIRBORNE ELEC COMBAT TEST & EVAL	P121046	PGAT	VAR	
FUNDAMENTALS OF COMBAT MODELING	P121045		PGAT	Atlanta, GA
FUNDAMENTALS OF RADAR SIGNAL PROCESSING DEF 3505P	P122109	PGAT	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
GAS FREE ENGRG	P129042	K-495-0051	PLSM	Mayport, FL
GAS TURB ACCIDENT INVESTIG	P169226	CIVCONTR	PSCE	Torrance, CA
GAS TURBINE (ELECTRICAL AND MECHANICAL) STRAND	P145041	A-652-0053	PSS4	Great Lakes, IL
GAS TURBINE CON OPR (FFG7)	P145467	A-652-0334	PSS4	Great Lakes, IL
GAS TURBINE TRAINING MACHINERY CONTROL SYSTEM	P145058		PNSE	Philadelphia, PA
GCCS-M TRAINING	P122800		VAR	
GCS MK160MOD9/MK46MOD1 OSS	P142444	CIVCONTR	PTCL	Virginia Beach, VA
GENERAL DENTISTRY CLINICAL UPDATE	P175673	B- 6C-1013	PDCB	Bethesda, MD
GENERAL INDUSTRY SAFETY STANDARDS	P169014	A-493-0061	PSDC	San Diego, CA
GENERAL SHIPBOARD DAMAGE CONTROL TRAINING	P129041	K-495-0045	PLSM	Mayport, FL
GEOSPACIAL INTELLIGENCE FOR CONSEQUENCE ASSESSMENT	P173012	DNWS-R023	PDTR	Kirkland AFB, NM
GLOBAL MARITIME SENIOR ENLISTED SYMPOSIUM	P171042	POTD	VAR	
GM APPRENTICE TECHNICAL TRAINING VIRTUAL PATH	P142229	A-100-0128	PSS2	Great Lakes, IL
GPETE REPAIR AND CALIBRTN	P139340	C-198-6671	PNTK	Biloxi, MS
GPOI PEACE SUPPORT OPS COMMANDERS COURSE (PSOCC)	P179085	GPOI-CCMR	PCMR	Monterey, CA
GPOI UN CMCOORD COURSE	P179023	GPOI-CCMR	PCMR	Monterey, CA
GPOI UNITED NATIONS LOGISTICS OFFICERS COURSE	P179047	GPOI-CCMR	PCMR	Monterey, CA
GPOI UNITED NATIONS MILITARY OBSERVER TRNG (UNMO)	P179046	GPOI-CCMR	PCMR	Monterey, CA
GPOI UNITED NATIONS STAFF OFFICERS COURSE (UNSOC)	P179045	GPOI-CCMR	PCMR	Monterey, CA
GSE APPREN TECH (AEC)	P145522	A-100-0101	PSS4	Great Lakes, IL
GUN MOUNT 76MM MK75 MOD041	P142201	A-113-0040	PTCL	Virginia Beach, VA
GUNNERS MATE A SCHOOL	P142230	A-041-0010	PSS2	Great Lakes, IL

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Course Title	MASL No	CIN	LOC Code	Location Name
H-60 A/F & REL C ORG MAINT	P141242	C-603-9407	PTDJ	Jacksonville, FL
H-60 A/F & REL INIT ORG/MT	P141294	C-603-9408	PTDN	San Diego, CA
H-60 EL/INST FLT/MT CAREER	P141145	C-602-9407	PTDJ	Jacksonville, FL
H-60 EL/INST FLT/MT INITL	P141053	C-602-9409	PTDN	San Diego, CA
H-60 P/P & REL SYS	P141848	C-601-9407	PTDN	San Diego, CA
H-60 POWERPLANTS & RELATED SYST (INITIAL) ORG MAIN	P141097	C-601-9408	PTDN	San Diego, CA
H-60 WIRE SYSTEM REPAIR ORGANIZATIONAL MAINTENANCE	P141096	C-602-4410	PTDN	San Diego, CA
HANDS-ON CRYSTAL REPORTS #126	P178015	CIVCONTR	VAR	
HANDS-ON VISIO: EFFECTIVE VISUAL SOLUTIONS	P178020	CIVCONTR	VAR	
HAZ SUBS INCIDENT RESPONSE MGMT SEMINAR	P153000	A-493-0077	PSOS	San Diego, CA
HAZARD PREDICTION AND ASSESS CAPABILITIES LEVEL 1	P173007	DNWS-R017	PDTR	Kirkland AFB, NM
HAZARD PREDICTION AND ASSESS CAPABILITIES LEVEL 2	P173008	DNWS-R018	PDTR	Kirkland AFB, NM
HAZARD PREDICTION AND ASSESS CAPABILITIES LEVEL 3	P173009	DNWS-R033	PDTR	Kirkland AFB, NM
HEALTH EMERGENCIES IN LARGE POPULATIONS (H.E.L.P.)	P175018		PHIC	Honolulu, HI
HELICOPTER ACCIDENT INVESTIGATION	P169009	CIVCONTR	PSCE	Torrance, CA
HELICOPTER CONTROL OFFICER (HCO)	P119060	D- 2G-0200	PHSE	Norfolk, VA
HIGH FREQ SYS TECH	P132331	A-101-0258	PFCS	San Diego, CA
HM-SCH BAS	P175504	B-300-9901	PHCG	Great Lakes, IL
HOMELAND SECURITY PLANNER' COURSE (HLSPC)	P171057		PAFS	Norfolk, VA
HSM-8H HARPOON MAINTENANCE TRAINING	P179088	CIVCONTR	PBSM	ST Charles, MO
HSO-5H (CHG 1) WITH SUP HJ	P179087	CIVCONTR	PBSM	ST Charles, MO
HT STRAND	P145150	A-495-0035	PSS4	Great Lakes, IL

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Course Title	MASL No	CIN	LOC Code	Location Name
HUMAN FACTORS FOR ACCIDENT INVESTIGATORS	P169008	CIVCONTR	PSCE	Torrance, CA
HUMAN SYSTEMS INTEGRATION (HSI) CERTIFICATE	P170002	CURR 262	VAR	
HUMANITARIAN ASSISTANCE RESPONSE TRAINING (HART)	P175020		VAR	
HYDRAULIC SYS COMPONENTS	P145562	K-652-2146	PFC2	Virginia Beach, VA
HYPERSPECTRAL IMAGING	P139019		PGAT	Atlanta, GA
I LEV CALIB PHASES B&D	P141065	C-198-3034	PNTK	Biloxi, MS
IC APPRENTICE TECH (AEC)	P132004	A-100-0103	PSS2	Great Lakes, IL
IHSAP-CAT A - MASTERS DEG	P169265	S- 8G-0501	PNOS	Stennis Space Center, MS
IMP, CONFIG, AND TROUBLESHOOTING WINDOWS VISTA	P178019	CIVCONTR	PGK2	Arlington, VA
I-MPA INT'L MASTERS IN PUBLIC ADMIN; DEGREE- (MPA)	P170007		PGS	Monterey, CA
INDOCTRINATION	P119324	D-600-0601	PVPJ	Jacksonville, FL
INDUSTRIAL FAMILIARIZATION	P179376		PCSE	Moorestown, NJ
INDUS-VIB/MEAS PRAC/ANALYS	P179719	CIVCONTR	PNSE	Philadelphia, PA
INFO SYS MAINT TECH	P145037	A-150-2300	PTC5	San Diego, CA
INFORMATION SYSTEMS AND OPERATIONS (ISO) CONUS	P170210	CURR 271	VAR	
INFORMATION SYSTEMS AND OPERATIONS (ISO) OCONUS	P471210	CURR 271	VAR	
INFORMATION SYSTEMS TECHNOLOGY (IST) CONUS	P170211	CURR 272	VAR	
INFORMATION SYSTEMS TECHNOLOGY (IST) OCONUS	P471211	CURR 272	VAR	
INITIAL NAVAL AVIATION SURVIVAL TRAINING	P117402	B-322-0039	PAMI	Pensacola, FL
INITIAL NAVAL AVIATION SURVIVAL TRAINING	P117433	B-322-0039	PN1X	Patuxent River, MD
INITIAL PREPARATORY SCREENING PROGRAM	P179198	CIVCONTR	POTD	Pensacola, FL
INITIAL SURVIVAL TRNG FOR OFFICER AIRCREW N1/NP1	P117001	B- 9E-1219	PAMI	Pensacola, FL

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INITIAL SURVIVAL TRNG FOR OFFICER AIRCREW N1/NP1	P117418	B- 9E-1219	PATS	NAS Lemoore, CA
INSTRUCTOR DEVELOPMENT CRS	P145905	S-062-0008	PNST	Stennis Space Center, MS
INSTRUCTOR TRAINING (AEC)	P166310	A-012-0077	PCLD	Pensacola, FL
INSTRUCTOR TRNG (JIT) AEC	P166175	A-012-0077	PSU1	Groton, CT
INSTRUCTOR TRNG (JIT) AEC	P166311	A-012-0077	PNLV	Virginia Beach, VA
INSTRUCTOR TRNG (JIT) AEC	P166312	A-012-0077	PSS1	Great Lakes, IL
INSTRUCTOR TRNG (JIT) AEC	P166313	A-012-0077	PTC3	San Diego, CA
INTELLIGENCE & DEMOCRACY	P171404		PCMR	Monterey, CA
INTERACTIVE ELECTRONIC TECH MANUAL DEV(IETM)	P169004	CIVCONTR	POTD	Pensacola, FL
INTERCONNCETING CISCO NETWORK DEVICES 2 (ICND2)	P178018	CIVCONTR	PGK2	Arlington, VA
INTERFACE CONTROL OFFICER (ICO) OPERTL OVERVIEW	P139006		PSNW	San Diego, CA
INTERIOR COMM ELECT CL A	P132104	A-623-0105	PSS2	Great Lakes, IL
INTERNATIONAL AIC PROFICIENCY MAINT	P121006	A-221-0100	PTCP	San Diego, CA
INTERNATIONAL ANTI-TERRORISM/ANTI PIRACY (IATP)	P173002	CIVCONTR	POTD	Pensacola, FL
INTERNATIONAL DEFENSE ACQUISITION NEGOTIATIONS	P179069		PATM	Monterey, CA
INTERNATIONAL DIVING COURSE	P179003	A-433-0103	PDIV	Panama City, FL
INTERNATIONAL INFORMATION WARFARE - MS	P179222		PGS	Monterey, CA
INTERNATIONAL INSTRUCTOR TRAINING COURSE (IITC)	P166309	SPECIAL	POTD	Pensacola, FL
INTERNATIONAL OFFCR SUPPLY COURSE (IOSCO)-RESIDENT	P152011	A- 8B-0014	PSC3	Newport, RI
INTERNATIONAL OFFICER SUPPLY COURSE (IOSCO)-TRAVEL	P152003	A- 8B-0000	PINP	Philadelphia, PA
INTERNATIONAL PROFESSIONAL ENLISTED LEADERSHIP(IPEL)	P171039	IPEL	POTD	Pensacola, FL
INTERPR/TRANSL SVCS-NO TLA	P365005	NON-ST	VAR	

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INTERSERVICE BUILDER APPRENTICE TRAINING CLASS "A"	P174226	A-710-0010	PCCG	Gulfport, MS
INTL BASIC AVIATION PREP	P119311	SPECIAL	POTD	Pensacola, FL
INTL CIC WATCH OFFICER	P121022	K- 2G-0390	PSWS	Newport, RI
INTL DAMCONT ASST	P129149	A- 4G-0021	PSLS	Virginia Beach, VA
INTL DAMCONT ASST	P129149	A- 4G-0021	PSLS	Virginia Beach, VA
INTL DEFENSE MGT CRS	P162003	S- 00-3321	PDR	Monterey, CA
INTL HYDROG MGT & ENG PGM	P169208	S- 8G-0500	PNOS	Stennis Space Center, MS
INTL INFO WARFARE - MS	P179222		PGS	Monterey, CA
INTL JT MARITIME TACT DEV	P122571	K- 2G-3120	PSWS	Newport, RI
INTL LAW OF MIL OPS I-LOMO	P176027	I-LOMO	PDI	Newport, RI
INTL LOG EXEC ADV DEV (ILEAD)	P171053	A-8B-0077	PSC5	Newport, RI
INTL MARITIME INTELL(IMIC)	P172003	K- 3A-5014	PICP	San Diego, CA
INTL MIL LAW DEV PRG-ILOMO	P176029		PDI	Newport, RI
INTL MK46 T/QA FOR SUPV	P142448		PSWE	Keyport, WA
INTL SHIPYARD MGMT	P162368		PNSD	Pearl Harbor, HI
INTRO EXTENSIBLE MARKUP LANGUAGE (XML) #542	P178003	CIVCONTR	VAR	
INTRO TO (ISR) CONCEPTS, SYSTEMS TESTS & EVALS	P172001		PGAT	Atlanta, GA
INTRO TO AIRCRAFT AND SYSTEMS TEST AND EVALUATION	P118420		PNAX	Patuxent River, MD
INTRO TO BUSINESS ANALYSIS	P178046	CIVCONTR	VAR	
INTRO TO EXPED LOGISTICS (INTROEXPLOG)-AEC	P152030	A- 8B-0055	PSC3	Newport, RI
INTRO TO PERSONNEL RECOVERY	PCORDV2		PCPT	Fredericksburg, VA
INTRO TO UNMANNED AIR SYSTEMS (UAS) FLIGHT TEST	P118405		PNAX	Patuxent River, MD

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Course Title	MASL No	CIN	LOC Code	Location Name
INTRODUCTION TO AVIONICS SYSTEMS	P129029	CIVCONTR	PTPS	Mojave, CA
INTRODUCTION TO HAZARDOUS MATERIALS (ASHORE)	P169016	A-493-0031	PSDC	San Diego, CA
INTRODUCTION TO INFORMATION SECURITY	P179093		PDSN	Linthicum, MD
INTRODUCTION TO MIL-STD-1553	P139018	PGAT	VAR	
INTRODUCTION TO PERSONNEL SECURITY	P179092		PDSN	Linthicum, MD
INTRODUCTORY FLIGHT TRAINING (IFT)	P119036	C- 9B-0030	PAVS	Pensacola, FL
IT 'A'	P139361	A-202-1800	PTTP	Pensacola, FL
ITIL V2: CHANGE, CONFIGURATION & RELEASE MGMT	P178038	CIVCONTR	VAR	
J52 ENGINE FIRST DEGREE INTERMEDIATE MAINTENANCE	P141148	C-601-3139	PTDW	Oak Harbor, WA
JAVA PROGRAMMING	P178071	CIVCONTR	PLTR	Rockville, MD
JAVA PROGRAMMING COMPREHENSIVE INTRODUCTION	P178022	CIVCONTR	VAR	
JAVA PROGRAMMING: A COMPREHENSIVE HANDS ON	P179219	CIVCONTR	PLTN	New York, NY
JAVA XML APPLICATION DEVELOPMENT	P178026	CIVCONTR	VAR	
JAVASCRIPT FOR WEB DEVELOPMENT #489	P178002	CIVCONTR	VAR	
JOINT AVIATION SUPPLY MAINTENANCE AND MATERIAL MANAGEMENT (JASMMM)	P152088	A- 8B-0020	PSC3	Newport, RI
JOINT INTERAGENCY MULTI-NAT PLANNERS CRSE (JIMPC)	P171032		PAFS	Norfolk, VA
JOINT TRANSITION COURSE	P171016	SPECIAL	PAFS	Norfolk, VA
JOURNEYMAN EW ENGINEER CERTIFICATE CONUS	P170013	CURR 293 PGS CBT (3CRS)	VAR	
JOURNEYMAN EW ENGINEER CERTIFICATE OCONUS	P471013	CURR 293 PGS DISTL (3CRS)	VAR	
JT ATTACK CONTROLLER ACADEMICS	P121042	AIR NATIONAL GUARD TRNG	PSAW	Fallon, NV
JT ATTACK CONTROLLER RANGE TRAINING	P121903		PSTW	Fallon, NV

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Course Title	MASL No	CIN	LOC Code	Location Name
JT/COMB WARFIGHT	P171014	JCWS	PAFS	Norfolk, VA
JTAC CONTINUATION TRAINING	P121044		PMNG	Alpena, MI
JTAC CONTINUATION TRAINING	P121053		PING	Peoria, IL
JTIDS MAINTENANCE	P139234		PSN1	San Diego, CA
KC-130J AIRCRAFT MECH INIT ACCES MAINT (MOS6216)	P119054	C-601-4500	PLRO	Little Rock AFB, AR
KC-130J CREW CHIEF INITIAL ACCESSION ORGANIZ MAINT	P119058	C-600-3513	PLRO	Little Rock AFB, AR
KC-130J INITIAL ACCESSION ELECTRICAL SYSTEMS TECH	P119055	C-602-4500	PLRO	Little Rock AFB, AR
KC-130J INITIAL ACCESSION AIRFRAMES MECHANIC	P119057	C-603-4500	PLRO	Little Rock AFB, AR
KC-130J INITIAL ACCESSION COMM NAVIGATION SYS TECH	P119056	C-102-4500	PLRO	Little Rock AFB, AR
KC-130J SURVIVAL SYSTEMS TECHNICIAN	P119059	C-600-4500	PLRO	Little Rock AFB, AR
LAMPS AVIA ORD HANDLING	P142432	K-050-2131	PSSN	Virginia Beach, VA
LAMPS MK-3 RAST MECHANICAL	P145055	K-652-2205	PFC2	Virginia Beach, VA
LANDING SIGNALMAN ENL	P129101	D-600-0506	PHSE	Norfolk, VA
LASER SAFETY FUNDAMENTALS	P141095	C-602-3770	PTDN	San Diego, CA
LASER SAFETY FUNDAMENTALS	P141667	C-602-3770	PTDL	Lemoore, CA
LAUNCHER SHOP TEST SET	P196019		PMEI	Inglewood, CA
LAW OF ARMED CONFLICT AND HUMAN RIGHTS	P176019	LCHR	PDI	Newport, RI
LCAC ORIENTATION OJT	P129480		PACU	Camp Pendleton, CA
LEARNING TREE - VARIOUS IT TRAINING (MISC)	P178072	CIVCONTR	VAR	
LEGAL ASPECTS CMBTERRORISM	P176028	CT-PDI	PDI	Newport, RI
LEGAL ASPECTS OF COMBATING CORRUPTION - LCC	P176040		PDI	Newport, RI
LIGHT AIRCRAFT FLIGHT TEST COURSE	P129022	CIVCONTR	PTPS	Mojave, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
LINK-16 NETWORK D&M	P139285		PNCI	San Diego, CA
LINUX COMPREHENSIVE INTODUCTION	P178049	CIVCONTR	VAR	
LINUX: HANDS ON INTRODUCTION	P178069	CIVCONTR	PLTR	Rockville, MD
LM2500 GAS TURBINE TRAINING	P145001		PNSE	Philadelphia, PA
LS A SCHOOL	P152007	A-551-1014	PMER	Meridian, MS
LSO INIT FORMAL GRND TRNG	P116013	D- 2G-0001	PLSO	Virginia Beach, VA
MACHINERY AND MACHINE GUARDING STANDARDS	P179243	A-493-0073	PSDC	San Diego, CA
MACHINIST MATE STRAND	P145094	A-652-0057	PSS4	Great Lakes, IL
MAGAZINE SPRINKLER INSPECT	P122035	K-041-2137	PFCS	San Diego, CA
MAGAZINE SPRINKLER OPS/MT	P145068	K-041-2048	PFCS	San Diego, CA
MANAGEMENT SUPPORT - PCT	P366MGT		VAR	
MANAGING AND MAINTAINING MS WINDOWS SERVER 2003	P178006	CIVCONTR	PGK1	Herndon, VA
MANAGING AND MAINTAINING SERVER 2008	P178016	CIVCONTR	PGK2	Arlington, VA
MANAGING CHALLENGES OF MODERN INTEGRATED MISSION	P170016	CCMR	VAR	
MANP PERS TRNG ED (MPT&E)	P179204	SPECIAL	POTD	Pensacola, FL
MARINE FORCES PREP CRS (TBS)	P129600	SPECIAL	POTD	Pensacola, FL
MARINE GAS TURBINE INSPECTOR	P148000		PFTC	San Diego, CA
MARINE GAS TURBINE INSPECTOR	P148005		PNSE	Philadelphia, PA
MARINE GAS TURBINE TECHNICAL TRNG	P145043	A-652-0505	PTC2	San Diego, CA
MARINE GAS TURBINE TECHNICAL TRNG	P145104		PNSE	Philadelphia, PA
MARITIME (GCCS-M) OPERATOR & SYSTEM ADMIN COURSE	P122801		PSNW	San Diego, CA
MARITIME CRISIS MGT/INCIDENT COMD SYS 100/210/300	P319119	CG-32	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MARITIME INTERCEPTOR TRNG	P145870	CIVCONTR	PLSD	Spring Hill, FL
MARITIME SECURITY CERTIFICATE	P170018		PPTE	Monterey, CA
MARITIME TERRORISM	P179022	CT-CMR	PCMR	Monterey, CA
MARKING CLASSIFIED INFORMATION	P179091		PDSN	Linthicum, MD
MASTER ELECTRL ENGRING, M(EE), ELECT WARFARE CONUS	P170015	CURR 592 PGS CBT (9CRS)	VAR	
MASTER OF COST ESTIMATING AND ANALYSIS (MCEA)	P170019	CURR 379 PGS CBT (16 CRS)	VAR	
MASTER OF SCIENCE IN COMPUTING TECHNOLOGY CONUS	P170206	CURR 357	VAR	
MASTER OF SCIENCE IN COMPUTING TECHNOLOGY OCONUS	P471206	CURR 357	VAR	
MASTER OF SCIENCE IN CONTRACT MGMT (MSCM) CONUS	P170208	CURR 835	VAR	
MASTER OF SCIENCE IN CONTRACT MGMT (MSCM) OCONUS	P471208	CURR 835	VAR	
MASTER OF SCIENCE IN PROGRAM MGMT (MSPM) CONUS	P170209	CURR 836	VAR	
MASTER OF SCIENCE IN PROGRAM MGMT (MSPM) OCONUS	P471209	CURR 836	VAR	
MASTER OF SCIENCE IN SYSTEMS ANALYSIS (MSA) CONUS	P170207	CURR 363	VAR	
MASTER OF SCIENCE IN SYSTEMS ANALYSIS (MSA) OCONUS	P471207	CURR 363	VAR	
MASTER'S IN HEALTHCARE ADMINISTRATION AND POLICY	P175019		PTMD	Bethesda, MD
MASTR ELECTRL ENGRING, M(EE), ELECT WARFARE OCONUS	P471015	CURR 592 PGS DISTL (9CRS)	VAR	
MECHANICAL MAINTENANCE COMMON CORE (GSM)	P145406	A-652-0303	PSS4	Great Lakes, IL
MEDICAL DEPARTMENT DIVING OFFICER	P175503	A- 6A-0010	PDIV	Panama City, FL
MEDIUM DATA-RATE ACCESS PROCESSOR (MCAP)	P139025	CIVCONTR	PSAI	San Diego, CA
MET ACQUISITION CONT ED	P309133	MET ATM	VAR	
MET ACQUISITION PHASE I	P309130	MET ATM	VAR	
MET ACQUISITION PHASE II	P170004		PATM	Monterey, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
MET ACQUISITION PHASE II	P309132	MET ATM	VAR	
MET ACQUISITION PHASE III	P309131	MET ATM	VAR	
MET AFRICA CIV MIL REL FOR JUNIOR MILITARY LEADERS	P309137	MET CMR	VAR	
MET AFRICA DISARM, DEMOBILIZ & REINTEGRATION (DDR)	P309138	MET CMR	VAR	
MET AFRICA LOCAL FOCUS PROGRAM ON CIV MIL REL	P309194	MET CMR	VAR	
MET AFRICA NATIONAL SECURITY PLANNING	P309195	MET CMR	VAR	
MET AFRICA SECURITY FORCES & THE ELECTORAL PROCESS	P309139	MET CMR	VAR	
MET AFRICA: STRAT FOR BUILD & SUSTAIN ACCT IN DRMS	P309210	MET ATM	VAR	
MET BORDER SECURITY	P309079	MET CMR	VAR	
MET CA/CIMIC SUP OF IO	P309154	MET CMR	VAR	
MET CIMIC SUP OF MIRRO	P309153	MET CMR	VAR	
MET CIV CNTRL ARMED FORCES	P309152	MET CMR	VAR	
MET CIV-MIL REL PRE-SURVEY	P309073	MET CMR	VAR	
MET CIV-MIL RESP TO TERR CNTR IDEO SUPP OF TERR	P309042	MET CMR-CT	VAR	
MET CIV-MIL RESP TO TERR CONSEQUENCE MGMT	P309041	MET CMR-CT	VAR	
MET CIV-MIL RESP TO TERR INTEL & COMBAT TERR	P309043	MET CMR-CT	VAR	
MET CIV-MIL RESP TO TERR MARITIME SECURITY	P309044	MET CMR-CT	VAR	
MET CIV-MILITARY RELATIONS	P309070	MET CMR	VAR	
MET CMR CONUS PLANNING	P171400	MET CMR	PCMR	Monterey, CA
MET CMRT: BORDER SECURITY	P309227	MET CMR	VAR	
MET CMRT: BORDER SECURITY	P309227	MET CMR	VAR	
MET CMRT: MEDIA DYNAMICS & PUBLIC AFFAIRS	P309226	MET CMR	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MET CMRT: MEDIA DYNAMICS & PUBLIC AFFAIRS	P309226	MET CMR	VAR	
MET CONTRACTING FOR PRE-DEPLOYMENT & DEPLOYMENT OP	P309136	MET ATM	VAR	
MET CT ASSESSMENT	P319027	MET CMR	VAR	
MET CT COUNTER TERRORIST FINANCING (CFT)	P309215	MET POO	VAR	
MET CT FINANCING & ABUSE OF NPOS	P309124	CT-MET-POO	VAR	
MET CT REGIONAL CIV-MIL	P273011	CT-MET-CMR	VAR	
MET CT RESP TO TERRORISM	P309069	CT-MET-CMR	VAR	
MET CYBER TERRORISM AND INFORMATION WARFARE	P309228	MET CMR	VAR	
MET DEM CIV MIL REL & ROL	P309156	MET CMR	VAR	
MET DEV EFF PERS MGMT POL	P309140	MET CMR	VAR	
MET DIILS ASSESS OF ISSUES	P309050	MET PDI	VAR	
MET DIILS JOINT CONUS PLAN	P176023	MET PDI	VAR	
MET DIILS SEMINAR CONUS	P176022	MET PDI	VAR	
MET DIILS SEMINARS	P309061	MET PDI	VAR	
MET DOMESTIC SUPPORT OPS	P309151	MET CMR	VAR	
MET DRMI (MIDMC)	P319016		VAR	
MET DRMI (MIDMC) REGIONAL	P262000	MET PDR	VAR	
MET ENHANCING CMR THROUGH SSR	P309121	MET CMR	VAR	
MET GLOBAL COMMONS SECURITY	P319031	MET PGS	VAR	
MET GLOBAL COMMONS SECURITY	P319031	MET PGS	VAR	
MET GPOI PEACE SUPPORT OPS	P309103	MET CMR	VAR	
MET GPOI PROGRAM DESIGN & DEVELOPMENT VISIT	P309102	MET CMR	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MET GPOI UN CMCOORD COURSE	P309068	MET CMR	VAR	
MET GPOI/CCMR SENIOR MISSION LEADERS COURSE (SML)	P309211	MET CMR	VAR	
MET IDARM SEMINAR CONUS	P159201	MET ATM	VAR	
MET IMELDA	P309114	MET POTD	VAR	
MET IMELDA NEEDS ASSESSMENT	P309113	MET POTD	VAR	
MET INTEL AND POLICY	P309287	MET CMR	VAR	
MET INTELLIGENCE/DEMOCRACY	P309149	MET CMR	VAR	
MET INTERNATIONAL DEFENSE ACQUISITION NEGOTIATIONS	P309134	MET ATM	VAR	
MET INTERNATIONAL DEFENSE TRANSFORMATION	P309045	MET CMR	VAR	
MET INTERNATIONAL HOMELAND DEFENSE	P309158	MET CMR	VAR	
MET INTL HOMELAND DEFENSE REGIONAL	P279158	MET CMR	VAR	
MET LATAM NATL SECUR STRAT DEV PRACTICUM	P309117	MET CMR	VAR	
MET LATAM STRATEGIC LEADERSHIP	P309116	MET CMR	VAR	
MET LEADERSHIP REACTION COURSE	P309274	MET PNC	VAR	
MET LEADERSHIP REACTION COURSE	P309274	MET PNC	VAR	
MET LEGISLATURE/MILITARY	P309150	MET CMR	VAR	
MET LOGISTICS AND LIFE CYCLE MANAGEMENT	P309348	MET ATM	VAR	
MET MARITIME SECURITY CERTIFICATE	P309352	MET PGS	VAR	
MET MEDIA AND MILITARY	P309148	MET CMR	VAR	
MET PEACEKEEPING OPERATIONS	P309277	MET PGS	VAR	
MET PPK DEPLOY: ADOPTING	P309067	MET CMR	VAR	
MET PPK DEPLOY: REVIEW IM	P309065	MET CMR	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MET PPK DEPLOY: REVIEW MOD	P309066	MET CMR	VAR	
MET PPK DEPLOY:NEGOTIATION	P309064	MET CMR	VAR	
MET PRIN GOVT CONTRACT LAW	P309135	MET ATM	VAR	
MET PROJ MGMT: MANAGING COMPLEX DEFENSE PROJECTS	P309104	MET ATM	VAR	
MET REGIONAL CIV-MIL RELS	P273001	MET CMR	VAR	
MET REGIONAL CT-FINANCING & ABUSE OF NPOS	P279005	CT-MET-POO	VAR	
MET REGIONAL DIILS	P273010	MET PDI	VAR	
MET REGIONAL DIILS	P309062	MET PDI	VAR	
MET REGIONAL GPOI PEACE SUPPORT OPS	P273013	MET CMR	VAR	
MET REGIONAL IDARM	P279300	MET ATM	VAR	
MET REGIONAL NAVPGSCOL	P279000	MET NPGS	VAR	
MET SSTART COE	P309499	MET COE	VAR	
MET TRAINING SURVEY-PDR	P319015		VAR	
MH-60 COMPOSITE TRAINING COURSE	P141118		PNNI	San Diego, CA
MH-60S AVIONICS (INITIAL) ORGANIZATIONAL MAINT	P141103	C-102-1111	PTDN	San Diego, CA
MH-60S ELECTRICAL (INITIAL) ORGANIZATIONAL MAINTEN	P141098	C-602-4412	PTDN	San Diego, CA
MICRO ELECT REPAIR	P141660	A-100-0073	PFCS	San Diego, CA
MICRO ELECT REPAIR(AVIA)	P141428	A-100-0073	PSSN	Virginia Beach, VA
MICROMINIATURE ELECTRONICS REPAIR	P149235	A-100-0073	PMAY	Mayport, FL
MIGRATING TO IPV6	P178043	CIVCONTR	VAR	
MILITARY LASER PRINCIPLES AND APPLICATIONS	P139015	PGAT	VAR	
MILITARY LAW DEV PROGRAM	P176026	MLDP	PDI	Newport, RI

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Course Title	MASL No	CIN	LOC Code	Location Name
MINE COUNTERMEASURES FOR INT'L OFFICERS	P123006	A-4H-0016	PMWS	San Diego, CA
MINE WARFARE ORIENTATION FOR INTERNATIONAL OFFICER	P171051	A-4E-0087	PMWS	San Diego, CA
MINI ELECT REPAIR	P149176	A-100-0072	PFCS	San Diego, CA
MINI ELECT REPAIR	P149242	A-100-0072	PMAY	Mayport, FL
MINI ELECT REPAIR (SURFACE)	P149061	A-100-0072	PSSN	Virginia Beach, VA
MISC COMLANT TRNG	P129PCL		VAR	
MISC COMPAC TRNG	P129PCP		VAR	
MISC CONTRACTOR TRNG	P129POO	CIVCONTR	VAR	
MISC CONTRACTOR TRNG-PCT	P179024	CIVCONTR	VAR	
MISC DIILS TRNG	P179PDI		VAR	
MISC DRMI TRNG	P162PDR		PDR	Monterey, CA
MISC DRMI TRNG	P162PDR		PDR	Monterey, CA
MISC MGMT EDUC/TRNG	P162100		VAR	
MISC MGMT EDUC/TRNG	P162100		VAR	
MISC NAVAIRSYSCOM TRNG	P129PNA		VAR	
MISC NAVOCEANO TRNG	P129PNO		VAR	
MISC NAVPGSCOL TRNG	P179PGS	PGS	VAR	
MISC NAVRESFOR TRNG	P129PNR		VAR	
MISC NAVSEASYSCOM TRNG	P129PSE		VAR	
MISC NAVSUPSYSCOM TRNG	P150PSP		VAR	
MISC NETC TRNG	P129PCT		VAR	
MISC SPAWARSYSCOM TRNG	P129PSW		VAR	

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MISC SPECWARCOM TRNG	P129PWC		VAR	
MISC USCINCPAC TRNG	P279100		VAR	
MISHAP INVESTIGATION (ASHORE)	P169018	A-493-0078	PSDC	San Diego, CA
MISSILE FIRING TEAM TRAINING	P199003		VAR	
MISSILE MAINT SUPPORT TRNG	P196018		PWCL	China Lake, CA
MK 23 GYROCOMPASS COURSE	P145140	CIVCONTR	VAR	
MK 680 CMTS MAINTENANCE	P195139		PWSE	Port Hueneme, CA
MK 680 CMTS OPERATOR	P195138		PWSE	Port Hueneme, CA
MK32 SVTT OPS/MT	P142409	J-123-0568	PFCS	San Diego, CA
MK41 VLS BASELINE V TO VII ISEA/FSR DELTA COURSE	P195011		PWSE	Port Hueneme, CA
MK41 VLS FMS OPER/MAINT	P145546	S-121-1001	PWSE	Port Hueneme, CA
MK41 VLS INTRODUCTION	P195135		PWSE	Port Hueneme, CA
MK41 VLS ISEA/FSR TRNG	P195125	S-121-1004	PWSE	Port Hueneme, CA
MK45 MOD 1 & 2 5"54 CAL	P122038	A-113-1118	PFCS	San Diego, CA
MK45 MOD 4 O&M DIFF	P122525	A-113-2101	PFCS	San Diego, CA
MK45 UNIVERSAL/FUZE TEST COUPLER FAMILIARIZATION	P195156	CIVCONTR	PHTF	Tucson, AZ
MK612 MOD 6 DELTA THEORY	P195133		PWSE	Port Hueneme, CA
MK678 MOD1 TELEM TEST O/M	P195185		PWSE	Port Hueneme, CA
MK86 MOD10/12 GFCS MAINT	P195182		PWSE	Port Hueneme, CA
MK92 MOD 12 SSCWI OPR & MAINT TRAINING	P195010	CIVCONTR	PLMM	Moorestown, NJ
MODELING & SIMULATION MANAGEMENT CONUS	P170008	CURR 265 PGS CBT (4CRS)	VAR	
MODELING & SIMULATION MANAGEMENT OCONUS	P471008	CURR 265 PGS DISTL (4CRS)	VAR	

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MODELING & SIMULATION OF RF ELECT WARFARE SYSTEMS	P131017		PGAT	Atlanta, GA
MODELING AND SIMULATION IN RADAR SYSTEMS	P131015		PGAT	Atlanta, GA
MODELING AND SIMULATION OF ANTENNAS	P131016		PGAT	Atlanta, GA
MOS MAINT/TW	P145130	CIVCONTR	PSNW	San Diego, CA
MOS O&M SYLLABUS	P139337		PSNW	San Diego, CA
MS WINDOWS SERVER 2003 NETWORK INFRA: NETWORK	P178007	CIVCONTR	PGK2	Arlington, VA
MSC DECK OFFICER AND PORT ENGINEER TRAINING	P145053		VAR	
MSC SHIP SENIOR ENGINEER TRAINING	P145045		VAR	
MTT ADL ASSESS AND SURVEY	P309400	CIVCONTR	VAR	
MTT ADMINISTRATION-NETC	P305002		VAR	
MTT ADV DISTRIBUTED LEARN	P309401		VAR	
MTT AEGIS OFFR CONSOLE OPR	P309273	MTT PAG	VAR	
MTT AEGIS SHIP TRNG	P309404	MTT PAG	VAR	
MTT AFRICAN PARTNERSHIP STATION (APS) HOST NATION	P309410	MTT APS	VAR	
MTT AFRICAN PARTNERSHIP STATION (APS) REGIONAL	P279410	MTT APS REGIONAL	VAR	
MTT AIM 7 (SPARROW) OPERATOR/MAINTAINER	P309221	MTT PWCL	PWCL	China Lake, CA
MTT AIM 9 SIDEWINDER (MAINTENANCE)	P309220	MTT PWCL	PWCL	China Lake, CA
MTT AIM-7	P308006	MTT MUG	VAR	
MTT AIM-9M SIDEWINDER	P308005	MTT WCL	VAR	
MTT AMPHIB WARFARE INDOC	P309196	MTT EWL	VAR	
MTT AN/ASM IATS - NAMTRAU	P309184		VAR	
MTT AN-PRC 117F RADIO TRAINING (FI)	P309278	MTT PNA	VAR	

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MTT ANTISUB WARFARE OFFICER/EVALUATOR (AWSO/ASWE)	P309248	MTT PAG	VAR	
MTT ANTITERR/FORCE PROTECT	P302306	MTT NCP	VAR	
MTT APA MARITIME STAKEHOLDERS MEETING	P309334	MTT APS HOST	VAR	
MTT APS ADVAN MARINE METEOROLOGY WORKSHOP REGIONAL	P279337	MTT APS-REGIONAL	VAR	
MTT APS ADVANCED MARINE METEOROLOGY WORKSHOP	P309337	MTT APS HOST	VAR	
MTT APS ENVIRONMANTAL MGT/POLLUTION CONTROL	P309333	MTT APS HOST	VAR	
MTT APS ENVIRONMT'L MGT/POLLUTION CONTROL REGIONAL	P279333	MTT APS REGIONAL	VAR	
MTT APS EQUIPMENT MAINT WORKSHOP	P309338	MTT APS HOST	VAR	
MTT APS EQUIPMENT MAINT WORKSHOP REGIONAL	P279338	MTT APS-REGIONAL	VAR	
MTT APS FISHERIES ENFORCEMENT	P309331	MTT APS HOST	VAR	
MTT APS FISHERIES ENFORCEMENT REGIONAL	P279331	MTT APS REGIONAL	VAR	
MTT APS FISHERIES MANAGEMENT	P309332	MTT APS HOST	VAR	
MTT APS FISHERIES MANAGEMENT REGIONAL	P279332	MTT APS REGIONAL	VAR	
MTT APS HYDROGRAPHIC SURVEY-REGIONAL	P279027	MTT APS-REGIONAL	VAR	
MTT APS MARITIME INTELL & OPS FUSION CEN (MIOFC)	P309340	MTT APS HOST	VAR	
MTT APS MARITIME INTELL COUNTER TRAFFICKING (MICT)	P309341	MTT APS HOST	VAR	
MTT APS MARITIME INTELL COUNTER TRAFKNG (MICT) REG	P279341	MTT APS-REGIONAL	VAR	
MTT APS MARITIME INTELL WORKSHOP (MIW) REGIONAL	P279339	MTT APS-REGIONAL	VAR	
MTT APS MARITIME INTELL&OPS FUSION CEN (MIOFC) REG	P279340	MTT APS-REGIONAL	VAR	
MTT APS MARITIME INTELLIGENCE WORKSHOP (MIW)	P309339	MTT APS HOST	VAR	
MTT APS MARITIME STAKEHOLDERS MEETING REGIONAL	P279334	MTT APS REGIONAL	VAR	
MTT APS MDA INTERAGENCY OJT & MENTORING	P309330	MTT APS HOST	VAR	

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The courses are listed here in alphabetical order. See Section VII "Course Description by MASL" for course description. Updated 01 March 2012

Course Title	MASL No	CIN	LOC Code	Location Name
MTT APS MDA INTERAGENCY OJT & MENTORING REGIONAL	P279330	MTT APS REGIONAL	VAR	
MTT APS OPS CENTER MANAGEMENT	P309335	MTT APS HOST	VAR	
MTT APS OPS CENTER MANAGEMENT REGIONAL	P279335	MTT APS REGIONAL	VAR	
MTT APS SHIPBOARD METEOROLOGY	P309336	MTT APS HOST	VAR	
MTT APS SHIPBOARD METEOROLOGY REGIONAL	P279336	MTT APS-REGIONAL	VAR	
MTT APS VBSS	P309291	MTT APS-HOST	VAR	
MTT APS VBSS REGIONAL	P279291	MTT APS-REGIONAL	VAR	
MTT ASBESTOS SUPV INITIAL (CONUS)	P169217	MTT PNSS A-493-0069	VAR	
MTT ASBESTOS SUPV INITIAL (CONUS)	P169217	MTT PNSS	VAR	
MTT ASIR CERT TRNG LST CLS	P309181	MTT PNA	VAR	
MTT AVIATION-NETC	P301103		VAR	
MTT AWS/RSC CONSOLE FAMILIARIZATION	P309214	MTT PAG	VAR	
MTT BASIC ENGINE/GENERATOR MAINTENANCE	P309317	MTT PETC	VAR	
MTT BASIC INSTRUCTOR TRAINING	P309320	MTT PETC	VAR	
MTT BASIC INSTRUCTOR TRAINING REGIONAL	P279320	MTT-SFA	VAR	
MTT BASIC RIVERINE OPERATIONS	P309324	MTT PETC	VAR	
MTT BOAT OPS LVL I - SM BOAT COXSWAIN/NAV REGIONAL	P279325	MTT APS REGIONAL	VAR	
MTT BOAT OPS LVL I - SMALL BOAT COXSWAIN/NAV	P309325	MTT PETC	VAR	
MTT BOAT OPS LVL II - SMALL BOAT PATROL OPS	P309302	MTT PETC	VAR	
MTT BOAT OPS LVL II - SMALL BOAT PATROL REGIONAL	P279302	MTT-SFA	VAR	
MTT BOAT OPS LVL III - SPECIALTY COXSWAIN SKILLS	P309204	MTT PETC	VAR	
MTT BOILER INSPECTOR	P309178		VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT BW/FW/BOILER INSP	P304027		VAR	
MTT CASS SYSTEM-NAMTD	P309188		VAR	
MTT CHART COE	P309500	MTT COE	VAR	
MTT CIC TEAM TNR (CICTT)	P309262	MTT PAG	VAR	
MTT COALITION STAFF PLANNING (CSP)	P309112	MTT PEWP	VAR	
MTT COMBAT SYS MT (CSMT)	P309264	MTT PAG	VAR	
MTT COMMAND AND CONTROL LEADERSHIP (C2)	P309207	MTT PETC	VAR	
MTT COMMAND AND CONTROL LEADERSHIP (C2) REGIONAL	P279207	MTT-SFA	VAR	
MTT COMMAND LEADERSHIP	P309402	MTT NET	VAR	
MTT CONTAINER INSPECTION	P309165	SPECIAL CITAT	VAR	
MTT CONTR DEVICES - PNA	P319117		VAR	
MTT CONTR FLT ORD - PNA	P301128	CIVCONTR	VAR	
MTT CONTR MISC	P309508	MTT PCT	VAR	
MTT CONTR NAVIGATION - PNA	P301126	CIVCONTR	VAR	
MTT CONTR TACT COORD - PNA	P301127	CIVCONTR	VAR	
MTT COUNTRY LSO TRAINING ASSESSMENT	P309258	MTT PCL	VAR	
MTT CREW RESOURCE MGMT INSTRUC	P309120	MTT PAVS	VAR	
MTT CROSS SERVICE	P309212	MTT PMC	VAR	
MTT CSOSS	P309267	MTT PAG	VAR	
MTT CT-HOSTAGE NEGOTIATION	P319049	CT-MTT-POO	VAR	
MTT CT-LEGAL ASPECTS	P309063	CT-MTT-PDI	VAR	
MTT DC/FIREFIGHTING	P309189		VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT DEVELOPING USER REQUIREMENTS	P309347	MTT PAG	VAR	
MTT DIA	P302305		VAR	
MTT DIESEL ENGINE MAINTENANCE	P309222	MTT PETC	VAR	
MTT DIVE FAMILIARIZATION	P309209	MTT PETC	VAR	
MTT DIVE SYS CERT - NAVSEA	P319030		VAR	
MTT E2C TRNG	P309507	MTT PNA	VAR	
MTT ELECTRONICS	P313001		VAR	
MTT EMERGENCY OPERATIONS CENTER (EOC)	P309233	MTT PCG	VAR	
MTT EMERGENCY OPERATIONS CENTER (EOC)	P309233	MTT PCG	VAR	
MTT ENGR & DAMAGE CONTRL	P309161		VAR	
MTT EQUIPMENT OPS/MT-NETC	P304011		VAR	
MTT EXPED WARFR STAFF PLNG	P309197	MTT EWL	VAR	
MTT EXPEDITIONARY COMBAT FIRST AID	P309206	MTT PETC	VAR	
MTT EXPEDITIONARY COMBAT FIRST AID REGIONAL	P279206	MTT-SFA	VAR	
MTT FIRE SUPPORT COORDINATION	P309122	J- 2E-4316	VAR	
MTT FM DIESEL ENGINES	P309049	MTT NSE	VAR	
MTT FORCE AIR DEFENSE CDR	P309265	MTT PAG	VAR	
MTT HAGAN ABC TRNG - CONTR	P309177	SPECIAL	VAR	
MTT HAGAN TRNG SVY - CONTR	P309176	SPECIAL	VAR	
MTT HAZARD PREDICTION & ASSESS CAPABILITY LEVEL 1	P309208	DNWS-R017	VAR	
MTT HEALTH EMERGENCIES IN LARGE POPULATIONS (HELP)	P309346	MTT PCP	VAR	
MTT HP WELDING/NDT	P304026		VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT HUMANITARIAN ASSISTANCE RESPONSE TRNG (HART)	P309298	MTT PCP	VAR	
MTT HYPERBARIC OXYGEN THERAPY	P309351	MTT PCL	VAR	
MTT INCIDENT RES PLAN/ADV INCIDENT COM SYS 341/400	P319035	MTT PCG	VAR	
MTT INCIDENT RESPONSE PLANNING (ICS-341)	P309234	MTT PCG	VAR	
MTT INCIDENT RESPONSE PLANNING (ICS-341)	P309234	MTT PCG	VAR	
MTT INFRARED THERMAL IMAG	P309179	MTT PSE-95.4	VAR	
MTT INSTRUCTOR - NETC	P309028		VAR	
MTT INTELLIGENCE SUPPORT TO PERSONNEL RECOVERY 291	P309253	PR291	VAR	
MTT INTERMEDIATE WORKING DOG HANDLER	P309327	MTT PETC	VAR	
MTT INTL SHIP&PORT FAC (ISPS) CODE IMPL SEMINAR	P309213	MTT PCG	VAR	
MTT INTRO TO CT/WEPNS OF MASS DESTRUCTION (CBTWMD)	P319029	MTT PDT	VAR	
MTT INTRO TO DATA LINKS	P309269	MTT PAG	VAR	
MTT INTRODUCTION TO WARGAMING	P309296	MTT PGS	VAR	
MTT ISPS CODE DRILLS & EXERCISES SEMINAR	P309238	MTT PCG	VAR	
MTT JOINT PLANNING OPS	P309350	MTT PAF	VAR	
MTT JOINT SMALL BOAT OPERATIONS COURSE	P319034	MTT PCG	VAR	
MTT JTAC/FAC	P309201	MTT PAN	VAR	
MTT KHAN QUEST ANNUAL EXERCISE	P273012	MTT CMR	VAR	
MTT L605 FIREFIGHT SYS	P309170		VAR	
MTT LEADERSHIP & MGMT	P305025	CG-29	VAR	
MTT LEADERSHIP PRINCIPLES (JUNIOR ENLISTED)	P309321	MTT PETC	VAR	
MTT LEADERSHIP PRINCIPLES (JUNIOR OFFICER)	P309323	MTT PETC	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT LEADERSHIP PRINCIPLES (JUNIOR OFFICER) REGIONA	P279323	MTT-SFA	VAR	
MTT LEADERSHIP PRINCIPLES (SENIOR ENLISTED)	P309322	MTT PETC	VAR	
MTT LEADERSHIP PRINCIPLES (SENIOR ENLISTED) REGION	P279322	MTT-SFA	VAR	
MTT LIBERIA BOAT DELIVERY	P319028	MTT PCG	VAR	
MTT LINK 16 NETWORK TRAINING	P309345	MTT POO	VAR	
MTT LIVING MARINE RESOURCE ENFORCEMENT ASSESSMENT	P309235	MTT PCG	VAR	
MTT MAINT - NAVAIR	P304012		VAR	
MTT MAINTENANCE - NAVSEA	P314004		VAR	
MTT MAINTENANCE MANAGEMENT	P309318	MTT PETC	VAR	
MTT MAINTENANCE NAVSCIATTS	P309173	S-062-0026	VAR	
MTT MARINE CORPS - AVIATION	P311301	MTT PMC	VAR	
MTT MARINE DIESEL ENG INSP	P309180	MTT PSE-93.3	VAR	
MTT MARITIME EXPEDITIONARY OPERATIONS	P309205	MTT PETC	VAR	
MTT MARSOC (MARINE CORPS SPECIAL OPS COMMAND)	P316301	MTT PMC	VAR	
MTT MILSTRIP/MILSTRAP	P304028		VAR	
MTT MINE WARFARE ORIENT	P309403	MTT MWI	VAR	
MTT MIO BOARDING OFFICER	P309303	MTT PETC	VAR	
MTT MIO BOARDING OFFICER REGIONAL	P279303	MTT-SFA	VAR	
MTT MIO BOARDING TEAM OPERATIONS	P309304	MTT PETC	VAR	
MTT MIO BOARDING TEAM OPERATIONS REGIONAL	P279304	MTT-SFA	VAR	
MTT MISSILE (NAVSEA)	P308003	SPECIAL	VAR	
MTT MISSILES	P308001		VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT MPF STAFF PLNG	P309198	MTT EWL	VAR	
MTT NAVOCEANO	P309027	MTT PNO	VAR	
MTT NAVPGSCOL	P319008	MTT PGS	VAR	
MTT NAVWARCOL	P309100		VAR	
MTT NCAGS MOBIL TRAINING TEAM	P309353	MTT PDA	VAR	
MTT NCIS LAW ENFORCEMENT OPERATIONS SEMINARS	P309343	MTT PCIS	VAR	
MTT NCIS MARITIME OPERAITONS SEMINARS	P309344	MTT PCIS	VAR	
MTT NCIS TACTICAL OPS SEMINARS	P309342	MTT PCIS	VAR	
MTT NETWORK BASED TRNG	P309191		VAR	
MTT NOR-TECH 43V INTERCEPTOR	P309242	MTT POO	VAR	
MTT NTWK CENTRIC WARFARE	P309040	MTT	VAR	
MTT OPERATIONS NAVSCIATTS	P309172	S-062-0025	VAR	
MTT OPERATIONS-LANT	P302005		VAR	
MTT OTHER	P309034		VAR	
MTT OTHER DOD	P319048	MTT	VAR	
MTT PACOM	P309349		VAR	
MTT PACRAT-CT	P309115	MTT CMR-CT	VAR	
MTT PACRAT-CT (REGIONAL)	P273002	CT- MTT-CMR	VAR	
MTT PARTNER NATION ASSESSMENT	P309329	MTT PETC	VAR	
MTT PDSS (PRE-DEPLOYMENT SITE SURVEY)	P319350	MTT PMC	VAR	
MTT PEACE KEEPING STABILITY OPS	P309199	MTT EWL	VAR	
MTT PEACE SUP OPS PH I	P309077	MTT CMR	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT PEACE SUP OPS PH III	P309078	MTT CMR	VAR	
MTT PERSONNEL RECOVERY 289	P309251	PR289	VAR	
MTT PERSONNEL RECOVERY 290	P309252	PR290	VAR	
MTT PERSONNEL RECOVERY 296	P309254	PR296	VAR	
MTT PERSONNEL RECOVERY 297	P309255	PR297	VAR	
MTT PERSONNEL-CNET	P305001		VAR	
MTT PORT FACILITY SECURITY AUDITS SEMINAR	P309237	MTT PCG	VAR	
MTT PORT PHYSICAL SECURITY FOR MANAGERS	P319001	MTT PNCL	VAR	
MTT PORT PHYSICAL SECURITY OFFICERS (ADVANCED)	P319002	MTT PNCL	VAR	
MTT PORT PHYSICAL SECURITY OFFICERS (BASIC)	P319000	MTT PNCL	VAR	
MTT PORT SEC RISK ASSESSMENT TOOL (PSRAT) SEMINAR	P309239	MTT PCG	VAR	
MTT PORT SECURITY BEST PRACTICES WORKSHOP	P309232	MTT PCG	VAR	
MTT PORT STATE CONTROL	P319042	CG-31	VAR	
MTT POST SITE SURVEY- INTRODUCTION TO WARGAMING	P309297	MTT PGS	VAR	
MTT PRE-DEPLOYMENT SITE SURVEY (PDSS)	P309236	MTT PCG	VAR	
MTT PRINCIPLES OF MARITIME CIVIL AFFAIRS	P309246	MTT SFA-DET	VAR	
MTT PUB 526 - NAVSUP	P304013	SPECIAL	VAR	
MTT QUALITY TRAINING	P309185	SPECIAL	VAR	
MTT RADAR WAVEFORMS: PROP, ANALYSIS, DESIGN, & APP	P309216	MTT PGAT	VAR	
MTT REG-INTRO TO CT/WEPNS OF MASS DESTR (CBTWMD)	P279029	MTT PDT REGIONAL	VAR	
MTT REGIONAL ADVANCE PORT SECURITY/VULNERABILITY	P279349	CG-7	VAR	
MTT REGIONAL HUMANITARIAN ASST RESPONSE TRNG HART	P279298	MTT PCP	VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT REGIONAL- JTAC/FAC	P279006	MTT PAN	VAR	
MTT REGIONAL MARITIME LAW ENFORCEMENT	P273003	MTT PCG	VAR	
MTT REGIONAL PORT SECURITY	P279350	CG-4	VAR	
MTT REGIONAL SMALL BOAT MAINTENANCE AND REPAIR	P273000	MTT PRETC	VAR	
MTT REGIONL HEALTH EMERG IN LRG POPULATIONS (HELP)	P279346	MTT PCP REGIONAL	VAR	
MTT REPORT WRITING	P309501	MTT PNA	VAR	
MTT RESCUE SWIMMER ASSESSMENT	P309240	MTT PCG	VAR	
MTT RESCUE SWIMMER ASSESSMENT	P309240	MTT PCG	VAR	
MTT RSC ENHANCED	P309268	MTT PAG	VAR	
MTT SAROPS PHASE I: PRE-INSTALL TECH ASSESSMENT	P309229	MTT PCG	VAR	
MTT SAROPS PHASE II: SOFTWARE INSTALLATION	P309230	MTT PCG	VAR	
MTT SAROPS PHASE III: TECH ASSISTANCE & OP TRNG	P309231	MTT PCG	VAR	
MTT SEAPORT SCTY/ANTI-TERRORISM SEMINAR	P319151	CG-30	VAR	
MTT SEARCH COORDINATION & EXECUTION	P309163	CG-23	VAR	
MTT SECURITY - PHYSICAL SECURITY PLANNING	P309311	MTT PETC	VAR	
MTT SECURITY - PHYSICAL SECURITY PLANNING REGIONAL	P279311	MTT-SFA	VAR	
MTT SECURITY LVL I - ARMED SENTRY	P309312	MTT PETC	VAR	
MTT SECURITY LVL I - ARMED SENTRY REGIONAL	P279312	MTT SFA	VAR	
MTT SECURITY LVL II - REACTION FORCE	P309313	MTT PETC	VAR	
MTT SHIP TRANSF-LANT	P302000		VAR	
MTT SHIP TRANSF-PAC	P302003		VAR	
MTT SINGER INTERFACE MAINTENANCE COURSE - PNA	P319050		VAR	

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Course Title	MASL No	CIN	LOC Code	Location Name
MTT SITE SURVEY NAVSCIATTS	P309171	S-062-0024	VAR	
MTT SITE SURVEY PETC	P309118	MTT PETC	VAR	
MTT SITE SURVEY PGS	P309295	MTT PGS	VAR	
MTT SK & AV SUP - NAVSUP	P304014	SPECIAL	VAR	
MTT SMALL BOAT MAINTENANCE	P309315	MTT PETC	VAR	
MTT SMALL BOAT MAINTENANCE REGIONAL	P279315	MTT SFA	VAR	
MTT SMALL BOAT OPERATIONS CURRICULUM DEV COURS	P319033	MTT PCS	VAR	
MTT SMALL BOAT OPERATIONS INSTRUCTOR	P319032	MTT PCG	VAR	
MTT SPECIAL OPS COMMAND PACIFIC (SOCPAC) TRAINING	P309247	MTT PSW	VAR	
MTT STRATEGIC LEVEL SM CRAFT COMBTG TERR (SLSCCBT)	P309224	A-062-0503	VAR	
MTT SUBSAFE/QA AUDIT	P309186		VAR	
MTT SUPPLY-NAVSUPSYSCOM	P304001		VAR	
MTT SURFACE WARFARE NETC	P312306		VAR	
MTT TACTICAL COXSWAIN	P309241	MTT PCG	VAR	
MTT TEAM DIMENSIONAL TRNG	P309503	MTT PNA	VAR	
MTT TRAINING AIDS-NAVSEA	P309187	SPECIAL	VAR	
MTT TRAINING AIDS-NETC	P309000		VAR	
MTT TRAINING AIDS-USMC	P309013		VAR	
MTT TRAINING MARSOC	P309014		VAR	
MTT TRAINING MGMT REVIEW	P309025		VAR	
MTT TRAINING MGMT-GENERAL	P309029		VAR	
MTT TRAINING NAVAIR	P309183		VAR	

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MTT TRAINING SURVEY	P309008		VAR	
MTT TRAINING SURVEY-LANT	P309007		VAR	
MTT TRAINING SURVEY-PCP	P319010		VAR	
MTT TRAINING SURVEY-PCT	P309001		VAR	
MTT TRAINING SURVEY-PSE	P319009		VAR	
MTT TRAINING SURVEY-USMC	P309022		VAR	
MTT TRNG ASSESSMENT/SURVEY	P309502		VAR	
MTT TRNG SPRVISOR (TRASUP)	P309263	MTT PAG	VAR	
MTT TRNG SURVEY NAVAIR	P309182		VAR	
MTT TRNG SURVEY-NETSAFA	P309190		VAR	
MTT VEHICLE MAINTENANCE	P309316	MTT PETC	VAR	
MTT WEAPONS - SMALL ARMS MARKSMANSHIP	P309307	MTT PETC	VAR	
MTT WEAPONS LVL I - CSW MAINTENANCE AND OPS	P309308	MTT PETC	VAR	
MTT WEAPONS LVL II - CSW FIXED POSITION EMPLOYMENT	P309309	MTT PETC	VAR	
MTT WEAPONS LVL III - CSW SMALL BOAT/VEHICLE EMPL	P309310	MTT PETC	VAR	
MTT WORKING DOG PROGRAM EXECUTIVE LEVEL SEMINAR	P309328	MTT PETC	VAR	
MTTSHIP TRG SVY CONUS LANT	P366012		VAR	
MULTI-CRITERIA DECISION MK	P162012		PDR	Monterey, CA
MULTI-ENG FLT INST & TRANS T-44A IUT	P112300	Q- 2A-0495	PTWC	Corpus Christi, TX
MULTISTA DISORIENT LAB	P175111		PAMI	Pensacola, FL
NALC OMA QA ADMIN	P141230	D-555-0046	PTDJ	Jacksonville, FL
NAMP INDOC	P141970	C- 4D-2012	PNGW	Milton, FL

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Course Title	MASL No	CIN	LOC Code	Location Name
NATO SEASPARROW MISSILE RIM-7/RIM7P VL FAM	P195159	CIVCONTR	PHTF	Tucson, AZ
NAV AV WATER SURV N9	P117426	B- 9E-1234	PASM	San Diego, CA
NAVAL CHAPLAIN BASIC LEADERSHIP COURSE P-1	P179207	P- 5G-4301	PCHA	Fort Jackson, SC
NAVAL COMMAND COLLEGE	P171001	S- 9B-1202	PNCC	Newport, RI
NAVAL CONSTRUCTION FORCE OPERATIONS BASIC COURSE	P174005	A-4A-1112	PCEC	Port Hueneme, CA
NAVAL SPECIAL WARFARE LEAD BREACHER	P122006	K-431-0139	PSWG	Norfolk, VA
NAVAL SPECIAL WARFARE SNIPER COURSE	P122005	K-431-0129	PSWG	Norfolk, VA
NAVAL STAFF COL - 10 MONTH	P171010		PNSC	Newport, RI
NAVAL STAFF COL - 5 1/2 MO	P171002	S- 9B-1203	PNSC	Newport, RI
NAVOSH ASSESSMENT TOOLS & STRATEGIES	P169017	A-493-0089	PSDC	San Diego, CA
NAVSCIATTS MTT REGIONAL ATTENDEE	P279007	MTT POO	VAR	
NAVSPECWARFARE SNIPER	P122650	K-431-0129	PWFC	San Diego, CA
NAVY EXECUTIVE DEVELOP PROGRAM-STRATEGIC THINKING	P178110		PCHN	Chapel Hill, NC
NC-10B 1/C ME PP I/M	P141838	C-602-3228	PTDN	San Diego, CA
NCAGS BASIC COURSE	P179134		PMMA	Kings Point, NY
NCAGS COMMUNICATIONS COURSE	P179075		PMMA	Kings Point, NY
NCAGS SHIPPING COORDINATION TEAM COURSE	P179076		PMMA	Kings Point, NY
NCB, VISIT BOARD SEARCH AND SEIZURE (NCB VBSS)	P124057	A-830-0395	PNAF	Chesapeake, VA
NETC OBSERVERSHIP TRAINING	P1290BS	SPECIAL	VAR	
NETWORK CONFIGURATION & TROUBLESHOOTING: HANDS-ON	P179218	CIVCONTR	PLTN	New York, NY
NON-DEG (1 QTR - 1 CRS)	P179268		PGS	Monterey, CA
NON-DEG (1 QTR - 2 CRS)	P179267		PGS	Monterey, CA

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NON-DEG (1 QTR - 3 CRS)	P179266		PGS	Monterey, CA
NON-DEG (1 QTR - 4 CRS)	P179265		PGS	Monterey, CA
NON-DEG (2 QTRS - 8 CRS)	P179269		PGS	Monterey, CA
NON-DEG (4 QTRS - 16 CRS)	P179271		PGS	Monterey, CA
NPS COURSE DEVELOPMENT	PNPSDEV		PGS	Monterey, CA
NSW HELICOPTER ROPE SUSPENSION TRAINING	P124002	K-431-0131	PWFE	San Diego, CA
NSW SPECIAL RECON SCOUT	P124000	K-431-0128	PSWG	Norfolk, VA
NSW SPECIAL RECON SCOUT	P124314	K-431-0128	PWFC	San Diego, CA
NUCLEAR AND RADIOLOGICAL INCIDENT MGMT (NRIM)	P173013	DNWS-R025	PDTR	Kirkland AFB, NM
NUCLEAR EMERGENCY TEAM OPERATIONS (NETOP)	P173014	DNWS-R026	PDTR	Kirkland AFB, NM
NWC INTERNATIONAL FELLOWS PROGRAM	P171056		PNW	Newport, RI
OBS DRMI MONTEREY	P189009		PDR	Monterey, CA
OCEANOGRAPHIC OBSERV SYS	P169280		VAR	
OIL ANALYSIS PROG PHY PROP	P148380	A-491-0017	PNTP	Pensacola, FL
OIL POLLUTION ABATE EQUIP	P145027	K-652-2196	PTC2	San Diego, CA
OJT - GENERATOR CONTROL UNIT (GCU)	P145077	OJT	PNNI	San Diego, CA
OPERATIONAL ENTOMOLOGY TRAINING	P175008	B-322-1077	PNDV	Jacksonville, FL
OPERATIONAL RISK MANAGEMENT	P169011	CIVCONTR	PSCE	Torrance, CA
OPERATIONAL TEST AND EVALUATION (OT&E) COURSE	P129008	CIVCONTR	PTPS	Mojave, CA
OPERATIONAL TEST DIRECTOR	P159010		POTE	Norfolk, VA
OPERATIVE DENTISTRY	P175656	B- 6C-1020	PDCB	Bethesda, MD
OPERATIVE DENTISTRY	P175660	B- 6C-1007	PDCD	San Diego, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
ORACLE APPLICATION SERVICE 10G R2: ADMINISTRATOR	P178044	CIVCONTR	POCP	Reston, VA
ORACLE DATABASE 10G ADMINISTRATION #594	P178010	CIVCONTR	VAR	
ORACLE DATABASE 10G BACKUP & RECOVERY	P178045	CIVCONTR	POCP	Reston, VA
ORACLE DATABASE 10G COMPREHENSIVE INTRODUCTION	P178027	CIVCONTR	VAR	
ORACLE DATABASE 10G: SECURITY RELEASE 2	P178009	CIVCONTR	POCP	Reston, VA
ORACLE DATABASE 11G COMPREHENSIVE INTRODUCTION	P178028	CIVCONTR	VAR	
ORACLE ENTERPRISE MANAGER 10G GRID CTRL RELEASE 2	P178008	CIVCONTR	POCP	Reston, VA
ORACLE PL/SQL PROGRAMMING	P178025	CIVCONTR	VAR	
ORACLE PL/SQL PROGRAMMING: HANDS-ON	P179217	CIVCONTR	PLTN	New York, NY
ORAL & MAXILLOFACIAL SURGERY REVIEW FOR SURGEONS	P175017		PDCB	Bethesda, MD
ORAL MED,RADIOLO,PHARMACO	P175206	B- 6C-1021	PDCB	Bethesda, MD
ORAL MEDICINE AND ORAL PATHOLOGY	P175007	B- 6C-1008	PDCD	San Diego, CA
ORAL SURGERY FOR GENERAL DENTISTS	P175014	B- 6C-1005	PDCD	San Diego, CA
ORAL/MAXILLOFACIAL PATHOLOGY	P175016	B- 6C-1022	PDCB	Bethesda, MD
ORAL/MAXILLOFACIAL SURGERY	P175225	B- 6C-1023	PDCB	Bethesda, MD
OROFACIAL PAIN	P175207	B- 6C-0014	PDCB	Bethesda, MD
OROFACIAL PAIN	P175655	B- 6C-1006	PDCD	San Diego, CA
OUTBOARD MTR MT & OVHL	P145906	S-062-0009	PNST	Stennis Space Center, MS
OXYGEN CLEANLINESS INSTR	P166260		PTRF	Kings Bay, GA
P-3 ARMAMENT SYSTEMS ORGANIZATIONAL MAINTENANCE	P141164	C-646-1140	PTDJ	Jacksonville, FL
P-3 CONNECT/WIRING RPR O/M	P141869	C-602-3573	PTDJ	Jacksonville, FL
P-3 ENVR CNTRL SYS ORG/MT	P141878	C-603-9532	PTDJ	Jacksonville, FL

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Course Title	MASL No	CIN	LOC Code	Location Name
P-3 FLIGHT ENG INST (IUT)	P115014	D-050-1003	PVPJ	Jacksonville, FL
P-3 FLIGHT ENGR SYS FAM	P141916	C-050-3531	PTDJ	Jacksonville, FL
P-3 P/P AND REL SYS ORG MT	P141881	C-601-9533	PTDJ	Jacksonville, FL
P-3 P/P AND REL SYS ORG MT	P141881	C-601-9533	PTDJ	Jacksonville, FL
P-3 PP/REL INIT	P141543	C-601-9532	PTDJ	Jacksonville, FL
P-3 REPL FLIGHT ENG PREP	P114038	D-050-1202	PVPJ	Jacksonville, FL
P-3 STRU HYD PWR & FLT CTL	P141134	C-603-9530	PTDW	Oak Harbor, WA
P-3 STRU HYD PWR & FLT CTL	P141939	C-603-9530	PTDJ	Jacksonville, FL
P-3C ELEC SYS CAREER	P141877	C-602-9571	PTDJ	Jacksonville, FL
P-3C ELECTRICAL AND INSTRUMENT SYS (INT) ORG MAINT	P141163	C-602-1054	PTDJ	Jacksonville, FL
P-3C III/AIP FLT ENG CAT 1	P114033	D-050-1004	PVPJ	Jacksonville, FL
P-3C INTEG ELE SYS INITIAL	P141938	C-602-9570	PTDJ	Jacksonville, FL
P-3C OFT SIMULATOR TRNG	P117050		PVPJ	Jacksonville, FL
P-3C REPL PILOT CAT 1/2	P112102	D- 2A-1004	PVPJ	Jacksonville, FL
P-3C SIMULATOR (OFT 2F87F)	P117075		PWBP	Kaneohe Bay, HI
P-3C STRUC HYD PWR F/C O/M	P141885	C-603-9531	PTDJ	Jacksonville, FL
P-3C UDIII/AIP P-3 ENG GRD	P141055		PVPJ	Jacksonville, FL
P-3CUDIII/AIP ENG RUSIM	P119111		PVPJ	Jacksonville, FL
PAIN CTRL & NITR-OX SEDAT	P175677	B- 6C-2000	PDCB	Bethesda, MD
PARTNER NATION PREDEPLOYMENT TRAINING	P121007		VAR	
PASTORAL CARE RESIDENCY (PCR) ~ EAST COAST	P175011		PNMC	Portsmouth, VA
PASTORAL CARE RESIDENCY (PCR) ~ WEST COAST	P175010		PCDV	San Diego, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
PATROL CRAFT HULL MAINT	P145903	S-062-0006	PNST	Stennis Space Center, MS
PATROL CRAFT OFFICER COASTAL (PCOC)	P145062		PNST	Stennis Space Center, MS
PATROL CRAFT PROP SYS OVHL	P145907	S-062-0017	PNST	Stennis Space Center, MS
PATROL CRAFT WEAPONS MT	P145904	S-062-0007	PNST	Stennis Space Center, MS
PATROL OFFICERS COMMUNICATION COURSE	P145000		PNST	Stennis Space Center, MS
PC OFFICER COURSE	P145909	S-062-0019	PNST	Stennis Space Center, MS
PERFORMANCE MANAGEMENT AND BUDGETING	P162014		PDR	Monterey, CA
PERIODONTICS	P175674	B- 6C-1010	PDCB	Bethesda, MD
PERIODONTICS FOR GENERAL DENTIST	P175000	B- 6C-1110	PDCD	San Diego, CA
PHY MEASUREMEN/CALIBRATION	P148362	A-670-0043	PNT1	Biloxi, MS
PHYSICAL/SWIM/INDOC	P129492	SPECIAL	PHMR	Jacksonville, FL
PHYSIOLOGIST CRS	P175113	B- 6H-1300	PAMI	Pensacola, FL
PNC - INTERMEDIATE LEADERSHIP COURSE	P179205	V-5G-4302	PCHA	Fort Jackson, SC
PNC- ADVANCED LEADERSHIP COURSE	P179206	V-5G-4304	PCHA	Fort Jackson, SC
PORT ENGINEERING COURSE	P149010		PUCG	Baltimore, MD
PPL AIRCREW SURV EQUIP PR	P148378	C-602-2040	PNTP	Pensacola, FL
PPL FFG NAV ET SYBSYS MNT	P145440	A-102-0295	PSSN	Virginia Beach, VA
PPL FFG-7 AUX ELECT SYS	P131101	A-662-0121	PSS4	Great Lakes, IL
PPL FFG-7 AUX MECH SUBSYS	P145436	A-652-0233	PSS4	Great Lakes, IL
PPL IC APPRENTICE TECH	P132007	A-100-0130	PSS2	Great Lakes, IL
PRESSURIZED SUBMARINE ESCAPE TRAINING	P122093	F-063-0005	PSUB	Groton, CT
PRE-TPS COURSE	P129023	CIVCONTR	PTPS	Mojave, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
PRINC DEF PROCUREM & CONTR	P159202		PATM	Monterey, CA
PRINCIPLES OF AIRBORNE PULSE DOPPLER RADAR	P131023		PGAT	Atlanta, GA
PRINCIPLES OF CONTINUOUS WAVE RADAR DEF 3508P	P122113	PGAT	VAR	
PRINCIPLES OF MODERN RADAR	P131006	PGAT	VAR	
PROCESS QUAL IMPROV AUDIT	P162392		POCF	Fallbrook, CA
PROGRAMMING WINDOWS AND SMART CLIENT APPLICATIONS	P178039	CIVCONTR	VAR	
PROGRAMMING WITH NET	P178040	CIVCONTR	VAR	
PROJECT MANAGEMENT PROFESSIONAL (PMP) #276	P178001	CIVCONTR	VAR	
PROJECT MANAGEMENT: SKILLS FOR SUCCESS	P178029	CIVCONTR	VAR	
PROP VISUAL INSPECTION	P179729	CIVCONTR	PSYN	Portsmouth, VA
PROPELLER (SHIP) CERTIFICATION COURSE	P145117		PSYN	Portsmouth, VA
PROPUL FUEL TESTING-SHPBD	P145100	K-821-2142	PTC2	San Diego, CA
PROPUL FUEL TESTING-SHPBD	P145759	K-821-2142	PNA1	Virginia Beach, VA
PROSTHODONTICS	P175204	B- 6C-1025	PDCB	Bethesda, MD
PROSTHODONTICS	P175661	B- 6C-1001	PDCD	San Diego, CA
QUARTERMASTER CLASS A	P129519	A-061-0012	PSS2	Great Lakes, IL
RADAR PERFORMANCE: PRINCIPLES AND LIMITATIONS	P131009	PGAT	VAR	
RADAR WAVEFORMS: PROP, ANALYSIS, DESIGN, & APP	P179094		PGAT	Atlanta, GA
RADIATION TRAINING EAF	P179239		PEGP	Nocor, CA
RAM FLT OPS AND ANALYSIS	P119063		PFAC	Corona, CA
RECOGNITION AND TREATMENT OF DIVING CASUALTIES	P175002	A- 4N-0018	PDIV	Panama City, FL
RECRUIT DIV CDR	P166023	A-012-0037	PTGL	Great Lakes, IL

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Course Title	MASL No	CIN	LOC Code	Location Name
REFERENCE RESEARCH	P169002	CIVCONTR	POTD	Pensacola, FL
REFR SURV TRNG EJECT SEAT	P117000	B- 9E-2441	PAMI	Pensacola, FL
REFR SURV TRNG EJECT SEAT	P117415	B- 9E-2441	PATS	NAS Lemoore, CA
REFRIG/AIR COND SYS TECH	P148011	A-720-0010	PFC2	Virginia Beach, VA
RESCUE SWIM SCHOOL - TACT	P129154	C-050-0600	PAVS	Pensacola, FL
RESEARCH ONLY PROGRAM	P179914		PGS	Monterey, CA
RIGID HULL INFLATABLE BOAT	P145564	K-062-0625	PNAB	Norfolk, VA
RISK MANAGEMENT	P162000		PDR	Monterey, CA
RISK MGT DOD SECURITY PROGMS FINAL EXAM GS102.06	P179196	ON-SITE	PDSN	Linthicum, MD
RMTEX NAVAL CHAPLAIN BASIC LEADERSHIP COURSE- P2	P179208	V-5G-0002	PCHA	Fort Jackson, SC
ROTARY WING FLT MECH PILOT	P118301		PNAX	Patuxent River, MD
ROTARY WING FLT TEST ENGR	P118001		PNAX	Patuxent River, MD
RTCASS AN/USM702 OPERATION & MAINTENANCE DIFFERENC	P141124		PTDO	Virginia Beach, VA
RULE OF LAW&DISCP MIL OPS	P176036	S-062-0022	PNST	Stennis Space Center, MS
RW FLYING QUALITIES & PERF	P118409		PNAX	Patuxent River, MD
S/P AIR SICK DESENSITIZE	P175305		PAMI	Pensacola, FL
SAFETY PROGRAMS AFLOAT	P169019	A-493-2099	PSDC	San Diego, CA
SAR SURFACE SHIP	P122075	K-221-2155	PTCL	Virginia Beach, VA
SCANEAGLE FAM COURSE	P119052	CIVCONTR	PIGI	Bingen, WA
SCANEAGLE MAINTAINER TRAINING	P119043	CIVCONTR	PIGI	Bingen, WA
SCANEAGLE MISSION COORDINATOR TRAINING	P119048	CIVCONTR	PIGI	Bingen, WA
SCANEAGLE OPERATOR INITIAL QUALIFICATION TRAINING	P119042		PIGI	Bingen, WA

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Course Title	MASL No	CIN	LOC Code	Location Name
SCANEAGLE VIDEO EXPLOITATION SOFTWARE TOOLS(SVEST)	P119047	CIVCONTR	PIGI	Bingen, WA
SCUBA DIVING SUPERVISOR	P124305	K-431-0048	PWFE	San Diego, CA
SEAL ADVANCED CLOSE QUARTERS DEFENSE (CQD)	P124316	K-431-0097	PWFC	San Diego, CA
SEAL/BUDS PREPARATORY PHYSICAL TRAINING	P124303		PWFC	San Diego, CA
SECURING EXCHANGE 2007	P178036	CIVCONTR	VAR	
SECURING WEB APPLICATIONS, SERVICES AND SERVERS	P178031	CIVCONTR	VAR	
SECURITY REACT FORCE - ADV	P173154	A-830-0396	PTC6	San Diego, CA
SENIOR ENL AV MAINT	P141059	C-600-3210	PTDJ	Jacksonville, FL
SENIOR ENLISTED ACADEMY	P171019	P-920-1300	PSEN	Newport, RI
SENIOR ENLISTED JOINT PME COURSE (SEJPME) CONUS	P171045		VAR	
SENIOR ENLISTED JOINT PME COURSE (SEJPME) OCONUS	P471045		VAR	
SENIOR EW ENGINEER CERTIFICATE CONUS	P170014	CURR 294 PGS CBT (3CRS)	VAR	
SENIOR EW ENGINEER CERTIFICATE OCONUS	P471014	CURR 294 PGS DISTL (3CRS)	VAR	
SENIOR INTERNATIONAL DEF MGT	P162004	S- 00-3330	PDR	Monterey, CA
SENIOR MUSICIAN	P179014	A-450-0014	PMUS	Virginia Beach, VA
SENIOR STOREKEEPER OJT	P1523JT		PSCN	
SERVICE-ORIENTED ARCHITECTURE INTRODUCTION	P178021	CIVCONTR	VAR	
SH-2G PILOT SIMULATOR TRAINING	P119705		PHAJ	Jacksonville, FL
SH-2G(E) SENSOR OPERATOR	P119703		PHAJ	Jacksonville, FL
SH-3 SIMULATOR TRAINING	P119308		PRES	Willow Grove, PA
SH-60 ELEC/SYS CAREER	P141093	C-102-9407	PTDN	San Diego, CA
SH-60F ELEC/SYS INITIAL	P141051	C-102-9408	PTDJ	Jacksonville, FL

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Course Title	MASL No	CIN	LOC Code	Location Name
SHIP REFTRA CONUS LANT	P366013		VAR	
SHIP TNG SURVEY OSEAS-LANT	P366007		VAR	
SHIPBOARD FIREFIGHTING	P129030	A-495-0018	PLSM	Mayport, FL
SHPBD CBR-D OPS/TRNG SPEC	P127437	A-495-2062	PFL1	FT Leonard Wood, MO
SHPBD DAMCONT TRNG	P127012	K-495-0045	PTC2	San Diego, CA
SIGNAL PROCESSING REFRESHER DEF 3521P	P122111	PGAT	VAR	
SIMULATOR OVERAGE	P119000		VAR	
SLQ-32 (V) 2 MAINTENANCE COURSE	P139030		VAR	
SLQ-32(V)2 OPERATOR COURSE	P139031		VAR	
SM-2 VLS ENCAN/DECAN	P195188	CIVCONTR	PHTF	Tucson, AZ
SM-2 MISSILE ASSEMBLY/DISASSEMBLY/INSPECTION	P195153	CIVCONTR	PHTF	Tucson, AZ
SM-2 MISSILE CONTAINER HANDLING	P195155	CIVCONTR	PHTF	Tucson, AZ
SM-2 MISSILE THEORY OF OPERATIONS	P195152	CIVCONTR	PHTF	Tucson, AZ
SM-2 SITE TRAINING	P195158	CIVCONTR	PRCA	Camden, AR
SMALL ARMS MARKSMANSHIP INSTRUCTOR	P122602	A-041-0148	PNAF	Chesapeake, VA
SOFTWARE CONFIGURATION MANAGEMENT (SCM)	P178041	CIVCONTR	VAR	
SOUND REINFORCEMENT COURSE	P179224	A-450-0018	PMUS	Virginia Beach, VA
SPACE SYSTEMS CERTIFICATE (SS CERT) OCONUS	P471213	CURR 273	VAR	
SPACE SYSTEMS CERTIFICATE (SS CERT) CONUS	P170213	CURR 273	VAR	
SPACE SYSTEMS OPERATIONS (MSSSO) CONUS	P170205	CURR 316	VAR	
SPACE SYSTEMS OPERATIONS (MSSSO) OCONUS	P471205	CURR 316	VAR	
SPEC WARFARE COMBATANT CREWMAN (SWCC) BASIC	P145952	K-060-0030	PWFC	San Diego, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
SPECIAL ACCESS PROGRAM (SAP) OVERVIEW	P179821	ON-SITE (E-LEARNING)	PDSN	LINTHICUM,MD
SPECIAL ACCESS PROGRAM (SAP) OVERVIEW	P179821	ON-SITE	PDSN	Linthicum, MD
SPECIAL EVOLUTIONS TRNG (NAVY SPECIFIC MANEUVERS)	P145078	CIVCONTR	PFTM	Mayport, FL
SQL SERVER 2005 DATABASE ADMINISTRATION	P178058	CIVCONTR	VAR	
STABILITY OPS:LEGAL ASPECTS OF ROE/RUF AFGHANISTAN	P176017	SOLARA	PDI	Newport, RI
STEAM GEN PLANT INSPECTOR	P145023	K-651-2151	PTC2	San Diego, CA
STRATEGIC LEVEL SMALL CRAFT COMBTG TERR (SLSCCBT)	P145054	A-062-0503	PNST	Stennis Space Center, MS
STRESS & ANGER MANAGEMENT	P175302		PAMI	Pensacola, FL
STRUCTURED WRITING/FORMAT & STYLE GUIDE	P169003	CIVCONTR	POTD	Pensacola, FL
SUBMARINE ESCAPE	P122092	F-000-0080	PSUB	Groton, CT
SUBMARINE SAFETY OFFICER	P129060	F-4J-0020	PSDC	San Diego, CA
SUPPLEMENTAL AEROSPACE MEDICAL FLIGHT TRAINING	P119037		PTWV	Milton, FL
SUPPLY CORPS OFF BAS QUAL (BQC)	P152010	A- 8B-0012	PSC3	Newport, RI
SUPPLY OFFICER DEPT HEAD	P152222	A- 8B-0017	PSC3	Newport, RI
SUPPLY OFFICER DEPT HEAD (SODHC)	P152089	A-8B-0017	PSC3	Newport, RI
SURF SHPBD GAUGE CALIBR	P123001	A-652-0500	PFC2	Virginia Beach, VA
SURF SHPBD GAUGE CALIBR	P123030	A-652-0500	PTC2	San Diego, CA
SURFACE RESCUE SWIMMER C1	P129491	A-050-0500	PHMR	Jacksonville, FL
SURVIVAL TRNG R4/RP4	P117417	B- 9E-1204	PATS	NAS Lemoore, CA
SWO ADV DIESEL ENGINEERING	P145488	A- 4H-0160	PSWS	Newport, RI
SWO ADV FFG7 ENGINEERING	P145487	A- 4H-0159	PSWS	Newport, RI
SWO ADV GAS TURBINE ENGRG	P145486	A- 4H-0158	PSWS	Newport, RI

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SWO PEO GAS TURBINE	P145004	A- 4H-0064	PSWS	Newport, RI
SWOS - INTL	P179136	K- 2G-0036	PSWS	Newport, RI
SYSTEMS ANALYSIS CERTIFICATE (SA CERT) CONUS	P170216	CURR 281	VAR	
SYSTEMS ANALYSIS CERTIFICATE (SA CERT) OCONUS	P471216	CURR 281	VAR	
SYSTEMS ANLYS & DESIGN: A COMP HANDS ON INTRO CRSE 322	P178064		VAR	
SYSTEMS ENGINEERING (MSSE) CONUS	P170020	CURR 311	VAR	
SYSTEMS ENGINEERING (MSSE) OCONUS	P471020	CURR 311	VAR	
SYSTEMS ENGINEERING CERTIFICATE (SE) CONUS	P170021	CURR 282	VAR	
SYSTEMS ENGINEERING CERTIFICATE (SE) OCONUS	P471021	CURR 282	VAR	
T&E 4207 ELECTRO-OPTIC & INFRARED SYS FLIGHT TEST	P129070	CIVCONTR	PTPS	Mojave, CA
T&E 4207A FLIR DEMO FLIGHT LAB	P129071	CIVCONTR	PTPS	Mojave, CA
T&E 4207B FLIR/EO SYS EVAL FLIGHT EXERCISE COURSE	P129072	CIVCONTR	PTPS	Mojave, CA
T&E 4208 NIGHT VISION IMAGING SYSTEM EVAL TECH	P129033	CIVCONTR	PTPS	Mojave, CA
T&E 4208A NIGHT VISION IMAGING SYS FLIGHT DEMO LAB	P129034	CIVCONTR	PTPS	Mojave, CA
T&E 4218 NIGHT VISION IMAGING SYS FLIGHT &LAB EVAL	P129035	CIVCONTR	PTPS	Mojave, CA
T-45 COMBINED MULTI-SERVICE PILOT TRNG (MPTS)	P111109		PTWM	Meridian, MS
T-45 COMBINED MULTI-SERVICE PILOT TRNG (MPTS)	P111110		PTWT	Kingsville, TX
T-45 COMBINED STRIKE FLIGHT INSTRUCTOR TRAINING	P115019	Q- 2A-0016	PTWM	Meridian, MS
T-56 ENGINE FIRST DEGREE INTERMEDIATE MAINTENANCE	P141161	C-601-3001	PTDJ	Jacksonville, FL
T-56-A-14 1ST DEG I/M	P141867	C-601-3574	PTDJ	Jacksonville, FL
T-6B PRIMARY	P112005		PTWV	Milton, FL
T-6B PRIMARY WITH JET OPTION	P112006		PTWV	Milton, FL

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T700-GE401 ENG INT MT IST	P141833	C-601-4408	PTDN	San Diego, CA
TA-O ENGINEERING FAMILIARIZATION	P179095		PMMA	Kings Point, NY
TARGET TRACKING CONCEPTS DEF 3519P OR 3520	P122110	PGAT	VAR	
TCI MODEL 903C SYSTEM OPERATION AND MAINTENANCE	P129059		PTCI	Fremont, CA
TCP/IP COMPREHENSIVE INTRODUCTION #367	P178013	CIVCONTR	VAR	
TEAM DIMENSIONAL TRNG	P162200		PTSC	Orlando, FL
TEAMS - NAVAL CHAPLAIN BASIC LEADERSHIP COURSE P3	P179209	V- 5G-0001	PCHA	Fort Jackson, SC
TECHNICAL SUPPORT	P366011	NON-ST	VAR	
TECHNICAL TRAINING IN ELECTRICITY AND ELECTRONICS	P179612	CIVCONTR	POTD	Pensacola, FL
TECHNICAL TRAINING IN LOGISTICS/SUPPLY	P179614	CIVCONTR	POTD	Pensacola, FL
TECHNICAL TRAINING IN MECHANICS	P179613	CIVCONTR	POTD	Pensacola, FL
TECHNOLOGIES FOR INFO OPS	P179220		PGS	Monterey, CA
TEST & EVALUATION OF DEFENSE RF ELECTRONIC SYSTEMS	P131018	PGAT	VAR	
TOEFL TEST	P366361		VAR	
TOTAL SHIP (TSTA) - PCL	P366311		VAR	
TRANSFORMING AND STYLING XML #549	P178012	CIVCONTR	VAR	
TRANSLATION SERVICES	P139009	CIVCONTR	VAR	
TRANSP STOW HAZ MAT	P153010	A-822-0012	PSC3	Newport, RI
U-36 SIMULATOR	P128011	CIVCONTR	PFST	Tucson, AZ
UAS T-HAWK MAINTENANCE TRAINING COURSE	P119032		PHWL	Albuquerque, NM
UAS T-HAWK OPERATOR TRAINING COURSE	P119031		PHWL	Albuquerque, NM
UHF SATCOM SYS OPS MAINT	P139276	CIVCONTR	PVST	Carlsbad, CA

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Course Title	MASL No	CIN	LOC Code	Location Name
UHF SYSTEMS TECHNICIAN	P139224	A-101-0138	PSSN	Virginia Beach, VA
ULTRASONIC/EDDY CURNT INSP	P145092	A-701-0058	PSS4	Great Lakes, IL
UNIT ENHANCEMENT TRAINING	P132010		PMBC	
UNIX: A COMPREHENSIVE HANDS-ON INTRO COURSE 428	P178065		VAR	
UNMANNED AERIAL VEHICLE COURSE	P129019	CIVCONTR	PTPS	Mojave, CA
UNREP E/E CONTROLS MAINT	P149302	J-690-0029	PNA1	Virginia Beach, VA
UNREP MECH & HYD COMP MT	P149303	J-690-0028	PNA1	Virginia Beach, VA
UNWTR DEMOL/SEAL (BUD/S INDOC)	P124302	K-431-0037	PWFC	San Diego, CA
UNWTR DEMOL/SEAL TRNG BASIC (BUD/S)	P124301	K-431-0024	PWFC	San Diego, CA
VEMS AFLOAT	P123011	A-647-2758	PMWS	San Diego, CA
VEMS ASHORE	P123009	A-647-2756	PMWS	San Diego, CA
VERTICAL AND SHORT TAKE-OFF AND LANDING OPTICAL LANDING SYSTEM MAINTENANCE (VSTOL OLS)	P132000	A-670-0064	PSS2	Great Lakes, IL
VIASAT COMMERCIAL UHF SATCOM TERMINAL RT-1829	P139032	CIVCONTR	PVST	Carlsbad, CA
VISIT, BOARD, SEARCH, AND SEIZURE (VBSS) BREACHER	P124056	A-830-0022	PNAG	Virginia Beach, VA
VISUAL BASIC 2008 PROGRAMMING	P178033	CIVCONTR	VAR	
VLS DOCKSIDE LOADING	P195126		PWSE	Port Hueneme, CA
VLS MK41 BASEL V/VII	P195982	A-121-0580	PTCL	Virginia Beach, VA
VLS MK41 BASEL V/VII	P195985	A-121-0580	PFCS	San Diego, CA
VLS MK41 O/M BASELIII	P122061	A-121-0522	PFCS	San Diego, CA
VLS MK41 OPS/MT/MAG SPKLR	P195154	CIVCONTR	PLMB	Baltimore, MD
WATERBORNE INSTRUCTOR COURSE RIVERINE	P145083	S-062-0030	PNST	Stennis Space Center, MS

COURSE LISTING BY TITLE

The courses are listed here in alphabetical order. See Section VII "Course Description by MASL" for course description. Updated 01 March 2012

Course Title	MASL No	CIN	LOC Code	Location Name
WATERBORNE INSTRUCTOR CRS	P122033	S-062-0030	PNST	Stennis Space Center, MS
WINDOWS SERV 2008 SECTY INFRASTR: HANDS-ON CRS 964	P178068		VAR	
WINDOWS SERVER 2003: COMPREHENSIVE HANDS-ON INTRO	P178042	CIVCONTR	VAR	
WINDOWS SERVER 2008 ADMINISTRATION	P178052	CIVCONTR	VAR	
WINDOWS SERVER 2008 GRP PLCY MGT: HANDS-ON CRS 963	P178067		VAR	
WINDOWS SERVER 2008: COMPREHENSIVE HANDS-ON INTRO	P178051	CIVCONTR	VAR	
WMD COMMAND, CONTROL, AND COORDINATION (WMDC3)	P173006	DNWS-R016	PDTR	Kirkland AFB, NM
WOODWARD GOVERNOR EG-M MT	P145015	K-652-0063	PFC2	Virginia Beach, VA
WSVDE OPERATOR & MAINT	P137035		PEDC	Simi Valley, CA
XML: COMPREHENSIVE HANDS-ON INTRODUCTION	P178057	CIVCONTR	VAR	
YN-A1 (AEC)	P165001	A-510-0012	PMER	Meridian, MS

Navy Course Listing by MASL

Friday, March 02, 2012

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P111109		U	T-45 COMBINED MULTI-SERVICE PILOT TRNG (MPTS)	48w	PTWM	Meridian, MS
ECL:	80R			**EIMET:**	No	

T-45 COMBINED MULTI-SERVICE PILOT TRNG (MPTS) (CNATRAINST 1542.167) THIS COURSE DOES NOT INCLUDE CARRIER QUALIFICATION This course combines Q-2A-0396 Intermediate Jet; Q-2A-0392 Intermediate E-2/C-2; Q-2A-0397 Advanced Strike Course designed to provide commissioned officers in the U.S. Navy, U.S. Marine Corps, other DOD personnel, and selected foreign nationals with further training in areas associated with tactical jet aircraft and to develop airmanship skills prerequisite for transition to operational fleet aircraft.

PRE-REQUISITE:

COURSE NOTES:

P111110		U	T-45 COMBINED MULTI-SERVICE PILOT TRNG (MPTS)	48w	PTWT	Kingsville, TX
ECL:	80SR 2/2			**EIMET:**	No	

THIS COURSE DOES NOT INCLUDE CARRIER QUALIFICATION
This course combines Q-2A-0396 Intermediate Jet; Q-2A-0392 Intermediate E-2/C-2; Q-2A-0397 Advanced Strike
Course designed to provide commissioned officers in the U.S. Navy, U.S. Marine Corps, other DOD personnel, and selected foreign nationals with further training in areas associated with tactical jet aircraft and to develop airmanship skills prerequisite for transition to operational fleet aircraft.

PRE-REQUISITE: P112006 - T-6B PRIMARY WITH JET OPTION
P128101 - CENTRIFUGE-BASED FLT ENVIRON TRAINER (CFET) (NP5)

COURSE NOTES: This mirrors P111310 EXCEPT there will be NO CARRIER QUALIFICATION taught in this course.

P111300	SPECIAL	U	AVTRA T-45 COMBINED FLIGHT TRAINING (SPECIAL)	4.2h	PTWM	Meridian, MS
ECL:	80R			**EIMET:**	No	

This course is restricted to UK Students only. T-45 combined Flight Training is designed to provide selected foreign nationals with further training in areas associated with tactical jet aircraft and to develop airmanship skills prerequisite for transition to operational fleet.

PRE-REQUISITE: Prerequisite Courses--Include CIN and/or MASL: Intermediate Jet: Successful completion of USN Primary Flight Training Q-2A-0108 or USAF Primary Flight Training Q-2B-0081and Centrifuge-Based Flight Environment Training (CFET). Advanced Strike: Successful completion of the Intermediate Jet phase or phase one of either T-45A Total Systems Strike (P111309) Flight Training Q-2A-0007 or T-45C Digital Total System Strike Flight Training Q-2A-0024. CNATRA Instruction 1542.159

COURSE NOTES:

P111309	Q- 2A-0196	U	AVTRA T-45C T/S STRIKE FLT	69.9h	PTWM	Meridian, MS
ECL:	80R			**EIMET:**	No	

T-45C TOTAL SYSTEM (TS) STRIKE FLIGHT TRAINING (CNATRAINST 1542.125B) INCLUDING CARRIER QUALIFICATION Course designed to provide commissioned officers in the U.S. Navy, U.S. Marine Corps, other DOD personnel, and selected foreign nationals with further training in areas associated with tactical jet aircraft and to develop airmanship skills prerequisite for transition to operational fleet aircraft.

PRE-REQUISITE:

COURSE NOTES:

P111310	Q- 2A-0007	U	AVTRA T-45A T/S STRIKE FLT	4.2h	PTWT	Kingsville, TX
ECL:	80R			**EIMET:**	No	

T-45A TOTAL SYSTEM (TS) STRIKE FLIGHT TRAINING (CNATRAINST 1542.125B) INCLUDING CARRIER QUALIFICATION Course designed to provide commissioned officers in the U.S. Navy, U.S. Marine Corps, other DOD personnel, and selected foreign nationals with further training in areas associated with tactical jet aircraft and to develop airmanship skills prerequisite for transition to operational fleet aircraft. CDP 0708 = VT-21 CDP 425N= VT-22

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P111315	Q- 2A-0098	U	AVTRA ADV E2/C2 MPTS FLT	33h	PTWC	Corpus Christi, TX
ECL:	80R			**EIMET:**	No	

INTERMEDIATE E-2/C-2 MULTI-SERVICE PILOT TRAINING SYSTEM (CNATRAINST 1542.152) Develop multi-engine flight skills while emphasizing instrument flying and crew coordination. At the successful completion of this phase of aviation training, the student will enter Advanced E-2/C-2 MPTS training. Training conducted at VT-31. Prereq: Navy Multi-Service Pilot Training System Q-2A-0030.

PRE-REQUISITE:

COURSE NOTES:

P111316	Q- 2A-0192	U	AVTRA INT E2/C2 T-45 FLT	4.2h	PTWM	Meridian, MS
ECL:	80R			**EIMET:**	No	

T-45A E-2/C-2 ADVANCED FLIGHT TRAINING (CNATRAINST 1542.135B) INCLUDES CARRIER QUALIFICATION COURSE MISSION: T-45A E-2/C-2 Advanced flight training is designed to provide commissioned officers in the U. S. Navy and select internationals with jet aircraft training and to develop airmanship skills prerequisite for transition to operational fleet aircraft.

PRE-REQUISITE:

COURSE NOTES:

P111326		U	AVTRA T-45C T/S STRIKE FLT	4.2h	PTWT	Kingsville, TX
ECL:	80R			**EIMET:**	No	

T-45C STRIKE FLIGHT TRAINING (CNATRAINST 1542.125B) Course designed to provide commissioned officers in the U.S. Navy, U.S. Marine Corps, other DOD personnel, and selected foreign nationals with further training in areas associated with tactical jet aircraft and to develop airmanship skills prerequisite for transition to operational fleet aircraft.

PRE-REQUISITE:

COURSE NOTES:

P112005		U	T-6B PRIMARY	74.8h	PTWV	Milton, FL
ECL:	80R			**EIMET:**	No	

Primary Multi-Service Pilot Training System. Course Mission: Training student aviators in the T-6B Primary phase of flight training. To qualify graduates of this course for follow-on advanced flight tainting and prepare them for their future responsibilities as military officers. Location: TW5 Whiting

PRE-REQUISITE:

COURSE NOTES:

P112006		U	T-6B PRIMARY WITH JET OPTION	86.8h	PTWV	Milton, FL
ECL:	80R			**EIMET:**	No	

Primary Multi-Service Pilot Training System. Course Mission: Training student aviators in the T-6B Primary phase of flight training. To qualify graduates of this course for follow-on advanced flight tainting and prepare them for their future responsibilities as military officers. Location: TW5 Whiting

PRE-REQUISITE:

COURSE NOTES:

P112102	D- 2A-1004	U	P-3C REPL PILOT CAT 1/2	17.2w	PVPJ	Jacksonville, FL
ECL:	85R			**EIMET:**	No	

P-3C REPLACEMENT PILOT (NON-AIP) CATEGORY 1/2 To train First Tour Fleet Replacement Aviators in the skills and techniques required for performance as qualified Copilot in P-3 model aircraft. SCOPE: This course provides the training necessary for qualifying P-3 first tour pilots to perform assigned mission. This academic instruction consists of: aircraft systems, normal operations and emergency procedures, instrument and navigation procedures and crew coordination. The classroom instruction is augmented by cockpit procedures trainer flight simulators, and flights on P-3A and P-3C update model aircraft. Flight Training emphasizes the practical application of academic knowledge and provides the hands-on time necessary to correlate motor skills with tactical situations and operational requirements.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P112300	Q- 2A-0495	U	MULTI-ENG FLT INST & TRANS T-44A IUT	34.5h	PTWC	Corpus Christi, TX
ECL:	80R			**EIMET:**	No	

MULTI-ENG FLT INST & TRANS T-44A IUT Purpose: CNATRAINST 1542.153C To promulgate the curriculum for training flight instructors in the multi-engine phase of training. Also to promulgate information, standardization, and guidance of all Naval Test Pilot School and Maritime Transition selectees, Aircraft Commanders, and copilots. SCOPE: To provide designated aviators with appropriate flight procedures, instructional methodology, and techniques to instruct undergraduate flight students in the Advanced Multi-engine Multi-service Pilot Training System (MPTS), E-2/C-2, E-6, and Tilt rotor phases of flight training. Air Advisor (AA) training is designed to build fundamental multi-engine instructional skills coupled with advanced automation management of the T-44C. The Naval Test Pilot School (TPS) Preparatory, Maritime Transition (MT), and Aircraft Commander (AC) training is designed to prepare designated pilots with dissimilar flying experience for Naval TPS, the Maritime Patrol Fleet Replacement Squadron (FRS), and NATOPS designated ACs. Additionally, there is a provision for Copilot (CP) training and CP designations.

PRE-REQUISITE:

COURSE NOTES:

P112304	Q- 2A-0091	U	AVTRA ADV MULENG MPTS NAVY	81.8h	PTWC	Corpus Christi, TX
ECL:	80R			**EIMET:**	No	

The mission of ADVANCED MULTI-ENGINE MPTS is to develop multi-engine flight skills while emphasizing instrument flying and crew coordination. At the successful completion of this phase of aviation training, the flight student will be designated a naval aviator qualified in multi-engine aircraft, and will have earned a standard instrument rating. Prereq: Navy Multi-Service Pilot Training System Curriculum, Q-2A-0030; MPTS Interm Multi-Eng, Q- 2A-0033 or T-37 Joint Spec Undergrad Pilot Trng, P-V4A-A/J (T37).

PRE-REQUISITE:

COURSE NOTES:

P112305	Q- 2A-0092	U	AVTRA ADV MULENG MPTS A/F	103h	PTWC	Corpus Christi, TX
ECL:	80R			**EIMET:**	No	

The mission of ADVANCED MULTI-ENGINE MPTS is to develop multi-engine flight skills while emphasizing instrument flying and crew coordination At the successful completion of this phase of aviation training, the flight student will be designated a USAF pilot qualified in multi-engine aircraft, and will have earned a standard instrument rating. Prereq: Navy Multi-Service Pilot training System Q-2A-0030; MPTS Intermed Multi-Eng Q-2A-0033 or T-37 JT Spec Undergrad Pilot, P-V4A-A/J.

PRE-REQUISITE:

COURSE NOTES:

P113301	Q- 2A-0015	U	AVTRA ADV HELO MPTS	0	PTWV	Milton, FL
ECL:	80R			**EIMET:**	No	

AVTRA ADV HELO MULTI-SERVICE PILOT TRAINING SYSTEM (MPTS)To teach the skills necessary for flying rotary-wing aircraft, to qualify student naval aviators for a standard instrument rating and to qualify student military aviators for rotary-wing and naval aviator designations. Ground Training: 14.5 hours of training to include Indoctrination, use of Helicopter Emergency Egress Device (HEEDS), Safety, and Global Positioning System (GPS). Flight Support: 93.0 hours of Flight Support Lectures and Computer Based Training in TH-57 Systems, Helicopter Aerodynamics, Preflight Procedures, Crew Resource Management (contact and instruments), Course Rules, Portable Flight Planning System, Tactics Flight Procedures, Basic Instrument Flight Procedures, Visual Flight Rules Navigation, Low-Level Navigation, Formation Procedures, Emergency Procedures, Instrument Procedures, Radio Instrument Procedures, Shipboard Operations/SAR, Night Vision Devise Training.

PRE-REQUISITE:

COURSE NOTES:

P113314	SPECIAL	U	AVTRA TH-57 SIMULATOR	1w	PTWV	Milton, FL
ECL:	80R			**EIMET:**	No	

This MASL was established to program TH-57 simulator training. Training tailored for individual country requirements.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P114005	Q- 2D-0185	U	AVTRA PRIMARY MS NFO T-6	10.5h	PTWP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

MS= MULTI-SERVICE The objective of this course is to provide commissioned officers in the U.S. Navy, Marine Corps, Air Force and International services skills and knowledge required to safely aviate, navigate, communicate, and manage aircraft systems and aircraft in visual and instrument conditions. Successful completion of this phase of training qualifies graduates for entrance into Intermediate Naval Flight Officer Training or Interservice Undergraduate Navigation Training. Note: This is a prerequisite course for P114006, AVTRA INTER NFO T6, Q- 2D-0085.

PRE-REQUISITE:

COURSE NOTES:

P114006	Q- 2D-0285	U	AVTRA INTERM MS NFO T-6/T-39	19.5h	PTWP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Intermediate NFO/NAV training is designed to provide student flight officers/navigators with the skills and knowledge required to safely aviate, navigate, communicate, manage aircraft systems, and describe two-plane formation maneuvers in aircraft in both visual contact and instrument conditions. Skill and performance levels required are outlined by particular course instructions. Successful completion of this phase of training qualifies graduates for entrance into Advanced Syllabus Strike, Strike Fighter, or Airborne Tactical Data System (ATDS) Training. .

PRE-REQUISITE:

COURSE NOTES:

P114033	D-050-1004	U	P-3C III/AIP FLT ENG CAT 1	42w	PVPJ	Jacksonville, FL
ECL:	85A			**EIMET:**	No	

To train the Category I Fleet Replacement Flight Engineer in the Flight and operating characteristics of the P-3 aircraft. Emphasis is placed in developing knowledge of aircraft systems operation, area coordination, normal and emergency procedures and weapons systems utilization in an operational environment.

PRE-REQUISITE:

COURSE NOTES:

P114036	Q- 2D-0055	U	AVTRA ADV NFO STRK FIGHTER	0	PTWP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Advanced NFO S/F training is designed to further refine navigation, communication, and aircraft systems management skills developed in Advanced Core NFO/AF NAV training. The focus of Module 1 is to teach overall situational awareness both in and out of the cockpit by emphasizing extensive strike planning, real world timing problems and crew coordination. In modules 2-6 emphasis shall be placed on teaching the principles, rules and concepts necessary to conduct aggressive air-to-air intercepts by requiring the pilot to fly the assigned aircraft throughout a mission profile to engage in simulated enemy aircraft from a correct missile firing position. In module 7, the Advanced Tactical Maneuvering (ATM) module, major emphasis is placed upon teaching basic skills to safely navigate visually and operate in a high "G" environment. High "G" adaptation will be achieved by operational tactics training in an Advanced Jet Trainer (AJT) aircraft. Crew coordination and mission priorities are stressed in this teach-to-objectives curriculum. Successful completion of this phase of training qualifies graduates for designation as NFO.

PRE-REQUISITE:

COURSE NOTES:

P114038	D-050-1202	U	P-3 REPL FLIGHT ENG PREP	5w	PVPJ	Jacksonville, FL
ECL:	85R			**EIMET:**	No	

P-3 REPLACEMENT FLIGHT ENGINEER - PREPARATION COURSE

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P115000	Q- 2D-3096	U	ADV NFO IUT T-45C	18h	PTWP	Pensacola, FL
ECL:	85R			**EIMET:**	No	

PURPOSE From CNATRAINST 1542.123C: The Advanced NFO/AF CSO/Naval Aviator/Air Force Pilot IUT MNTS Curriculum is designed to provide NFOs, and CSOs and Instructor Pilots instruction in the techniques and procedures required to administer the approved CNATRA Advanced NFO/AF CSO training curriculum. Successful completion of applicable curricula qualifies the graduate as an advanced phase NFO/AF CSO instructor. SCOPE Course Training Subjects: Ground Training. Flight Support Training, Flight Training.

PRE-REQUISITE:

COURSE NOTES:

P115001	SPECIAL	U	AVTRA INSTRUCTOR	1w	PTWP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Program designed to assist the U.S. Navy s Undergraduate Naval Flight Officer (NFO) training program by using trained international flight personnel (pilot/NFO) as flight instructors at Training Air Wing Six (CTW-6) at NAS Pensacola, FL. Provides vital assistance to the U.S. Navy for training both U.S. and international students as flight officers and affords the opportunity to gain valuable knowledge and experience for the international instructor in training operations, manpower management, officer responsibilities, and aviation safety. Basically, the only MASL cost associated with this program is the initial cost of light gear issue.

PRE-REQUISITE:

COURSE NOTES:

P115002	SPECIAL	U	AVTRA INSTRUCTOR	1w	PTWM	Meridian, MS
ECL:	80R			**EIMET:**	No	

Program designed to assist the U.S. Navy s Undergraduate Jet Pilot training program by using USN trained international Jet Pilots as flight instructors at Training Air Wing One (CTW-1) at NAS Meridian, MS. Provides vital assistance to the U.S. Navy for training both U.S. and international students as flight officers and affords the opportunity to gain valuable knowledge and experience for the international instructor in training operations, manpower management, officer responsibilities, and aviation safety. Basically, the only MASL cost associated with this program is the initial cost of light gear issue.

PRE-REQUISITE:

COURSE NOTES:

P115003	SPECIAL	U	AVTRA INSTRUCTOR	1w	PTWV	Milton, FL
ECL:	85			**EIMET:**	No	

Program designed to assist the U.S. Navy s undergraduate aviation training program by using USN trained international pilots or flight officers as aviation instructors at various Training Air Wings. Instructor candidates, once satisfactorily completing the prescribed Instructor Under Training (IUT) syllabus or Flight Instructor Curriculum, may provide assistance to the U.S. Navy for training both U.S. and International Military Students (IMSs) as aviators. When qualified, international instructors are afforded the opportunity to gain valuable knowledge and experience in training operations, manpower management, officer responsibilities, and aviation safety. Flight gear costs are the responsibility of the instructor candidates home country.

PRE-REQUISITE:

COURSE NOTES:

P115006	Q- 2A-0069	U	AVTRA ADV HELO IUT	0	PTWV	Milton, FL
ECL:	85R			**EIMET:**	No	

The Undergraduate Helicopter Flight Instructor Under Training curriculum is designed to provide designated Naval Aviators with the appropriate flight procedures, instructional methodology, and techniques to instruct undergraduate helicopter pilots in the Undergraduate Helicopter Flight Training Curriculum.CIN Q-2C-0015.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P115014	D-050-1003	U	P-3 FLIGHT ENG INST (IUT)	14w	PVPJ	Jacksonville, FL
ECL:	85R			**EIMET:**	No	

P-3 FLEET REPLACEMENT AIRCREW/(FLIGHT ENGINEER) INSTRUCTOR UNDER TRAINING (IUT) COURSE The purpose of this training is to train flight engineer instructors in the skills and techniques required for performance as a VP-30 Instructor Flight Engineer in P-3 model aircraft. This course provides the training necessary for qualify flight engineers as Fleet Replacement Squadron (FRS) Instructors Flight Engineers on the P3 aircraft at VP-30. The ground phase includes detailed instruction in aircraft systems/operations, flight simulation, normal and emergency procedures, preflight/post flight/daily functions, aircraft servicing, crew duties and coordination. The flight phase consists of Instructor Under Training (IUT) simulators and flights, during which the prospective instructor will demonstrate the ability to teach systems and procedures under actual flight training conditions. Flight simulators are used in both the ground and flight phase for procedure demonstration of normal and emergency procedures. Aircraft systems are reviewed and discussed to ensure adherence to NATOPS, applicable training. and maintenance directives. NATOPS qualified P3 Flight Engineer. Note: Full flight clothing & equipment mandatory as detailed IAW OPNAVINST 3710.7 series and NAVAIR 13-1-6-70. SPECIAL NOTE: A SECRET CLEARANCE IS REQUIRED TO ACCESS THE TRAINING FACILITY.

PRE-REQUISITE:

COURSE NOTES:

P115019	Q- 2A-0016	U	T-45 COMBINED STRIKE FLIGHT INSTRUCTOR TRAINING	26.5h	PTWM	Meridian, MS
ECL:	80R			**EIMET:**	No	

T-45 COMBINED STRIKE FLIGHT INSTRUCTOR TRAINING PURPOSE: Associated with CNATRAINST 1542.160: Course Mission. T-45C Combined Flight Instructor Training is designed to provide designated aviators with the necessary instructional methodology and techniques to instruct undergraduate flight students in the Intermediate Jet, Advanced Strike, and Intermediate E-2/C-2 phases of flight training. SCOPE: Structure. The T-45 Combined Flight Instructor Training Curriculum is divided into stages and categories: NATOPS - NATOPS Stage CAT I - Familiarization and Instrument Stages CAT II - Formation, Night Familiarization, Night Formation, and NATOPS Qualification Stages CAT III - Operational Navigation and Weapons Stages CAT IV - Tactical Formation and Air Combat Maneuvering Stages CQ - Carrier Qualification Stage OCF - Out-of-Control Flight Stage Transition - T-45A/C Transition

PRE-REQUISITE: Physical Requirements. As specified in Chapter 15 of the Manual of the Medical Department. Personnel and Ratings Eligible. Designated U.S. Navy, Marine, Coast Guard, Air Force, and foreign military aviators.

COURSE NOTES:

P115025	C-050-1503	U	CREW RESOURCE MGMT INSTRUC	1w	PAVS	Pensacola, FL
ECL:	80A			**EIMET:**	No	

CREW RESOURCE MANAGEMENT INSTRUCTOR TRAINING The Crew Resource Management (CRM) Instructor Course provides the Required knowledge and skills for selected mission qualified flight crew Members (O-3 and E-6 or above) to function as CRM curriculum model Managers. The course includes training in the implementation, instruction, and development of type/model/series specific CRM programs and is designed to satisfy OPNAVINST 1542.7 requirements. Scope: Basic instruction includes CRM history, seven critical skills, CRM methodology, computer aided curriculum development, contract administration, CRM instruction and evaluation, case study and scenario development, facilitation, instructional techniques, program management and administration, fatigue countermeasures, and OPNAVINST 1542.7 (Series). PRE-REQ INFO: It is proposed that students be mission qualified flight crew members (O-3 and E-6 or above) and have at least 18 months remaining on current PCS tour upon completion of the course.

PRE-REQUISITE:

COURSE NOTES: Please allow an extra day after Class Schedule for Presentations and Graduation, 5 days total.

P115032		U	ADV NFO STRIKE FLOW IUT	0	PTWP	Pensacola, FL
ECL:	85R			**EIMET:**	No	

Prepares Naval Flight Officers and Air Force Navigators for advanced concepts of NFO/NAV duties.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P116013	D- 2G-0001	U	LSO INIT FORMAL GRND TRNG	2w	PLSO	Virginia Beach, VA
ECL:	80A			**EIMET:**	No	

Initial classroom and simulator instruction for designated Landing Signal Officer (LSO) trainees. Introduction to fleet LSO administrative and operational responsibilities including shore-based and ship-based equipment, glide slope geometry, aircraft recovery bulletins, aircraft characteristics, waving concepts and techniques, conduct of field carrier landing practice, and Fleet Automated Performance Assessment and Readiness Training System (APARTS).Note: This is a prerequisite course for P116031, ADV FORMAL GROUND TRNG, D- 2G-0002.

PRE-REQUISITE:

COURSE NOTES:

P117000	B- 9E-2441	U	REFR SURV TRNG EJECT SEAT	0.4w	PAMI	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Required refresher training for all aeronautically designated personnel flying ejection seat equipped aircraft. Prerequisite is completion of NASTP courses N1/NP1 and N6 or N5/NP2 and N6. Training requirements/prerequisites for USAF, other U.S. Military and foreign military are listed in OPNAVINST 3710 series, Chapter 8. NASTP Training is valid for 4 years. Aircraft/Class-specific requirements are detailed in the CNO/COMNAVAIRFOR approved NASTP curricula. The course includes lecture and/or laboratory training of the following: Aviation Physiology, Hypoxia laboratory, Stress and Human Performance, Sensory Physiology, Acceleration Physiology, Combat Survival/First Aid, Survival Swimming/Skills, Underwater Problem Solving, Underwater Egress training, Life Raft Organization techniques, Helicopter Rescue, Parachute Training, Ejection Seat Training and Extended Sea Survival.

PRE-REQUISITE:

COURSE NOTES:

P117001	B- 9E-1219	U	INITIAL SURVIVAL TRNG FOR OFFICER AIRCREW N1/NP1	0.4w	PAMI	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Required appropriate Initial Naval Aviation Survival Training, per OPNAVINST 3710.7S, for Officer aircrew students. Scope: Provides basic introductory training per OPNAVINST 3710.7S. The course includes the following: An Overview of the Naval Aviation Survival Training Program, classroom instruction on Aviation Physiology, an appropriate Low Pressure Chamber brief/flight, Stress and Human performance presentation, classroom presentation and laboratory evolution on Sensory Physiology, class and lab on Combat/Survival First (SELF) Aid, class and lab on Aviation Survival Swim Skills, class and lab on Underwater Problem Solving Skills, class and lab on Multiplace Aircraft Underwater Egress skills, class and lab on Life Raft Organization, class and lab on Extended Sea Survival, Parasail (Pensacola only) and a written final examination.

PRE-REQUISITE: Physical prerequisites IAW OPNAVINST 3710.7S, page 8-16, section 8.4.1.3. Required Initial Naval Aviation Survival Training per OPNAVINST 3710.7S for officer aircrew students. Open to officer aircrew students. Consult OPNAVINST 3710.7S, paragraph 8.4.2.1, subparagraph b., for trainee eligibility requirements.

COURSE NOTES:

P117024	C-050-1500	U	AVTRA AIRCREW CAND SCH	3.8w	PAVS	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Provides the Navy and USMC with basic knowledge, skill and physical conditioning necessary to enhance survival of aviation related mishaps and meet all initial training and qualifications required for enlisted aircrewman as per OPNAVINST 3710.7 (series). Naval Aviation familiarization, aviation physiology, rigorous physical conditioning, initial water survival training (IWST), deep water survival training (bay ops), first aid, CPR, and military training. Candidates must swim a mile in flight suit and perform physical standards test to complete the course. Note: This is a prerequisite course for P117060, P3C UD2 FR NON-ACOU OPRTR, D-210-1151; P117062, P3C UD3 REP ACOUSTIC OPRTR, D-210-1130; and P129154, RESCUE SWIM SCHOOL - TACT, Q-050-0600.

PRE-REQUISITE:

COURSE NOTES:

P117050		U	P-3C OFT SIMULATOR TRNG	1w	PVPJ	Jacksonville, FL
ECL:	80A			**EIMET:**	No	

To provide initial and refresher training for P3 pilots to enhance their flying skills and maintain required qualifications. NOTE: STUDENT MUST BE AN INSTRUCTOR IN THE 2F87 WITH CURRENT QUALIFICATIONS TO USE FULL MOTION. PREVIOUSLY QUALIFIED INSTRUCTOR FOR STATIONARY TRAINING IN THE 2F87.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P117075		U	P-3C SIMULATOR (OFT 2F87F)	1w	PWBP	Kaneohe Bay, HI
ECL:	70A			**EIMET:**	No	

To provide safe and effective training for P3 personnel in skills and techniques required for performance as qualified members of P3 flight crew.

PRE-REQUISITE:

COURSE NOTES:

P117402	B-322-0039	U	INITIAL NAVAL AVIATION SURVIVAL TRAINING	2.2w	PAMI	Pensacola, FL
ECL:	80A			**EIMET:**	No	

Provides basic introductory training, appropriate follow on course specific to aircraft pipeline (N6,N11or N12) must also be completed prior to flight. This is the appropriate initial course for aircrew and personnel who have not completed N1/NP1. Required for all prospective aeronautically designated personnel or others individuals on flight orders including USMC helicopters aerial gunners/observers and (initial) exchange aircrews (other) U.S. and foreign military). (OPNAVINST Instruction 3710.7 series Chapter 8 and Appendix E. This course includes lecture and/or laboratory training of the following: Aviation Physiology, Low Pressure Chamber flight (not required for helicopter flight). Stress and Human Performance, Sensory Physiology, Combat Survival/First Aid, Survival Swimming Skills. Underwater Problem Solving, Underwater Egress training using device 9D5 or 9D6, Life Raft Organization techniques, Extended Sea Survival. NOTE: This is a prerequisite course for P175306/P175312, AVIA SURV TRNG (HELO REFR), B-322-0042.

PRE-REQUISITE:

COURSE NOTES: International Students will be required to complete a dental screening, complete medical examination, 2nd class swim test demonstrating the breast stroke, side stroke, American crawl stroke, treading water and drown proofing prior to being enrolled into the Initial Naval Aviation Survival Training Course.

P117403	B- 9E-1231	U	ADV CT AIRCRW TACT JETS (N6)	0.6w	PAMI	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Advanced continuation training for aircrew selected to fly tactical jets. The course includes lecture and/or laboratory training for the following: Emergency Egress, Signaling Devices, Aviation Life Support Systems, Flight Equipment Swim, Aviation Water Survival Skills. Parachute Descent training, Parachute Landing procedures, Parachute Drag, Rescue Devices and Helicopter Hoist, Ejection Seat training and Parasail (Pensacola Only.)

PRE-REQUISITE:

COURSE NOTES:

P117415	B- 9E-2441	U	REFR SURV TRNG EJECT SEAT	0.4w	PATS	NAS Lemoore, CA
ECL:	80R			**EIMET:**	No	

Required refresher training for all aeronautically designated personnel flying ejection seat equipped aircraft. Prerequisite is completion of NASTP courses N1/NP1 and N6 or N5/NP2 and N6. Training requirements/prerequisites for USAF, other U.S. Military and foreign military are listed in OPNAVINST 3710 series, Chapter 8. NASTP Training is valid for 4 years. Aircraft/Class-specific requirements are detailed in the CNO/COMNAVAIRFOR approved NASTP curricula. The course includes lecture and/or laboratory training of the following: Aviation Physiology, Hypoxia laboratory, Stress and Human Performance, Sensory Physiology, Acceleration Physiology, Combat Survival/First Aid, Survival Swimming/Skills, Underwater Problem Solving, Underwater Egress training, Life Raft Organization techniques, Helicopter Rescue, Parachute Training, Ejection Seat Training and Extended Sea Survival.

PRE-REQUISITE:

COURSE NOTES:

P117416	B- 9E-1231	U	ADV CT AIRCRW TACT JETS (N6)	0.6w	PATS	NAS Lemoore, CA
ECL:	80R			**EIMET:**	No	

Advanced continuation training for aircrew selected to fly tactical jets. The course includes lecture and/or laboratory training for the following: Emergency Egress, Signaling Devices, Aviation Life Support Systems, Flight Equipment Swim, Aviation Water Survival Skills. Parachute Descent training, Parachute Landing procedures, Parachute Drag, Rescue Devices and Helicopter Hoist, Ejection Seat training and Parasail (Pensacola Only.)

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P117417	B- 9E-1204	U	SURVIVAL TRNG R4/RP4	0.4w	PATS	NAS Lemoore, CA
ECL:	80R			**EIMET:**	No	

Required refresher training for all aeronautically designated personnel flying category four aircraft. Prerequisite is completion of NASTP courses N1/NP1 and N11 or N5/NP2 and N11. Training requirements/prerequisites for USAF, other U.S. Military and foreign military are listed in OPNAVINST 3710 series, Chapter 8. NASTP Training is valid for 4 years. Aircraft/Class-specific requirements are detailed in the CNO/COMNAVAIRFOR approved NASTP curricula. The course includes lecture and/or laboratory training of the following: Aviation Physiology, Hypoxia laboratory, Stress and Human Performance, Sensory Physiology, Combat Survival/First Aid, Survival Swimming/Skills, Underwater Problem Solving, Underwater Egress training, Life Raft Organization techniques, Rescue procedures, Helicopter Aircrew breathing device (C 2 and V 22) and Extended Sea Survival.

PRE-REQUISITE: Meet physical requirements identified in OPNAVINST 3710.7 series, page 8-16 section 8.4.1.3 .

COURSE NOTES:

P117418	B- 9E-1219	U	INITIAL SURVIVAL TRNG FOR OFFICER AIRCREW N1/NP1	0.4w	PATS	NAS Lemoore, CA
ECL:	80R			**EIMET:**	No	

Required appropriate Initial Naval Aviation Survival Training, per OPNAVINST 3710.7S, for Officer aircrew students. Scope: Provides basic introductory training per OPNAVINST 3710.7S. The course includes the following: An Overview of the Naval Aviation Survival Training Program, classroom instruction on Aviation Physiology, an appropriate Low Pressure Chamber brief/flight, Stress and Human performance presentation, classroom presentation and laboratory evolution on Sensory Physiology, class and lab on Combat/Survival First (SELF) Aid, class and lab on Aviation Survival Swim Skills, class and lab on Underwater Problem Solving Skills, class and lab on Multiplace Aircraft Underwater Egress skills, class and lab on Life Raft Organization, class and lab on Extended Sea Survival, Parasail (Pensacola only) and a written final examination.

PRE-REQUISITE: Physical prerequisites IAW OPNAVINST 3710.7S, page 8-16, section 8.4.1.3. Required Initial Naval Aviation Survival Training per OPNAVINST 3710.7S for officer aircrew students. Open to officer aircrew students. Consult OPNAVINST 3710.7S, paragraph 8.4.2.1, subparagraph b., for trainee eligibility requirements.

COURSE NOTES:

P117419	B- 9E-1240	U	ADV TRNG FOR AIRCREW NON-EJECT FIXED WING AIRCRAFT	0.2w	PATS	NAS Lemoore, CA
ECL:	80R			**EIMET:**	No	

Advanced continuation training for aircrew selected to fly fixed wing non-ejection seat equipped aircraft. Prerequisite course is N1/NP1 or N5/NP2. (OPNAV Instruction 3710.7 series Chapter 8 and Appendix E)This course includes lecture and/or laboratory training of the following: Emergency Egress, Signaling Devices, Aviation Life Support Systems, Flight Equipment Swim, Aviation Water Survival Skills, Parachute Descent training, Parachute Landing Procedures, Parachute Drag, Rescue Devices and Helicopter Hoist, Helicopter Aircrew Breathing Device (E-2,C-2 & V-22 aircraft only).

PRE-REQUISITE: Physical prerequisites IAW OPNAVINST 37 10.7S, page 8-16, section 8.4.1.3. Successful completion of Naval Aviation Survival Training course NP1/N1 or NP2/N5. Required training for prospective active duty USN and USMC aeronautically designated personnel and USAF and USCG personnel in the Navy pipeline. Officer and Enlisted may attend.

COURSE NOTES:

P117422	B- 9E-1240	U	ADV TRNG FOR AIRCREW NON-EJECT FIXED WING AIRCRAFT	0.2w	PAMI	Pensacola, FL
ECL:	80R			**EIMET:**	No	

PURPOSE Required advanced continuation Naval Aviation Survival training per OPNAVINST 3710.7S for aircrew selected to fly fixed wing non-ejection seat aircraft. SCOPE Provides mission specific aircraft category training per OPNAVINST 3710.7S. The course includes emergency egress procedures, aviation life support systems, signaling devices, swimming with flight equipment, aviation water survival skills, life raft organization, rescue devices with simulated or actual helicopter hoist, helicopter aircrew breathing device (authorized personnel only) and final examination.

PRE-REQUISITE: Physical prerequisites IAW OPNAVINST 3710.7S, page 8-16, section 8.4.1.3. Successful completion of Naval Aviation Survival Training course NP1/N1 or NP2/N5. Required training for prospective active duty USN and USMC aeronautically designated personnel and USAF and USCG personnel in the Navy pipeline. Officer and Enlisted may attend.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P117426	B- 9E-1234	U	NAV AV WATER SURV N9	0.4w	PASM	San Diego, CA
ECL:	80R			**EIMET:**	No	

Underwater Egress Training (Dunker) for Heli-borne combat troops, Flag Staff Officers, Embarked Staff, Chaplains, Doctors/Dentists, etc; and other authorized personnel whose duty assignments require frequent over water helicopter or tilt rotor flights. This course includes lecture and/or laboratory training of the following: Emergency Egress, Aviation Life Support Systems, Flight Equipment Swim, Aviation Water Survival Skills, Underwater Problem Solving and Multi-place Aircraft Underwater Egress. This course requires a current Clearance for Non-Aircrew/Non-Military Personnel to fly in USN/USMC Aircraft (OPNAV 3710/18) (3-04) signed by a Naval Flight Surgeon (FS) or an Aero-Medical Clearance Notice (FLIGHT PHYSICAL) prior to participation in any dynamic NASTP training. The Aero-medical Clearance Notice shall be signed by a Naval Flight Surgeon (FS), Naval Aviation Medical Officer (AMO) or Aviation Medical Examiner (AME).

PRE-REQUISITE:

COURSE NOTES:

P117433	B-322-0039	U	INITIAL NAVAL AVIATION SURVIVAL TRAINING	0.6w	PN1X	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Provides basic introductory training, appropriate follow on course specific to aircraft pipeline (N6,N11or N12) must also be completed prior to flight. This is the appropriate initial course for aircrew and personnel who have not completed N1/NP1. Required for all prospective aeronautically designated personnel or others individuals on flight orders including USMC helicopters aerial gunners/observers and (initial) exchange aircrews (other) U.S. and foreign military). (OPNAVINST Instruction 3710.7 series Chapter 8 and Appendix E. This course includes lecture and/or laboratory training of the following: Aviation Physiology, Low Pressure Chamber flight (not required for helicopter flight). Stress and Human Performance, Sensory Physiology, Combat Survival/First Aid, Survival Swimming Skills. Underwater Problem Solving, Underwater Egress training using device 9D5 or 9D6, Life Raft Organization techniques, Extended Sea Survival. Learning Center: #8 - FORCE HEALTH PROTECTION

PRE-REQUISITE:

COURSE NOTES:

P118001		U	ROTARY WING FLT TEST ENGR	48w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Provides experience in actual testing of modern aircraft and airborne systems and reduction and reporting of the data obtained. The rotary wing curriculum prepares pilots and engineers for flying qualities and performance testing of primarily the helicopter and secondarily the airplane. Please contact USNTPS at our website at WWW.usntps.navy.mil for further information. MASL P117431and P117433 should be programmed whenever NAVAIR MASL s P118001/118300/118301/118302 are programmed.

PRE-REQUISITE:

COURSE NOTES:

P118300		U	FIXED WING FLT MECH PILOT	48w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Provides experience in actual testing of modern aircraft and airborne systems and reduction and reporting of the data obtained. The fixed wing curriculum prepares pilots and engineers to test airborne mission systems and flight systems in addition to airplane flying qualities and performance. NOTE - MASLs P117431 and P117433 should be programmed whenever NAVAIR MASLs P118001/118300/118301/118302 are programmed.

PRE-REQUISITE:

COURSE NOTES:

P118301		U	ROTARY WING FLT MECH PILOT	48w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Provides experience in actual testing of modern aircraft and airborne systems and reduction and reporting of the data obtained. The rotary wing curriculum prepares pilots and engineers for flying qualities and performance testing of primarily the helicopter and secondarily the airplane. MASLs P117431 and P117433 should be programmed whenever NAVAIR MASLs P118001/118300/118301/118302 are programmed.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P118302		U	FIXED WING FLT TEST ENGR	48w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Provides experience in actual testing of modern aircraft and airborne systems and reduction and reporting of the data obtained. The fixed wing curriculum prepares pilots and engineers to test airborne mission systems and flight systems in addition to airplane flying qualities and performance. MASLs P117431 and P117433 should be programmed whenever NAVAIR MASLs P118001/118300/118301/118302 are programmed.

PRE-REQUISITE:

COURSE NOTES:

P118401		U	AIRPLANE FLYING QUALITIES	2w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Course is designed for Engineers and scientists involved in the test and evaluation of flight control systems and provides an introduction to Airplane Flying Qualities. Course description is as follows: Week One: Aerodynamics Summary, Longitudinal Statics, Non-Maneuvering Flight Characteristics, Maneuvering Flight Characteristics, Flight Controls, Lateral Directional Statics, Simulation Exercises 1 Static longitudinal, non-maneuvering and maneuvering & Static lateral-directional. Longitudinal Dynamics, Longitudinal Dynamic Modes, Lateral-Directional Dynamic Modes. Week Two: Lateral-directional Handling Qualities / Testing. Pilot Handling Qualities Evaluation Process, Military Specifications & Standards. This course includes one demonstration flight.

PRE-REQUISITE:

COURSE NOTES:

P118403		U	ADV FLIGHT CONTROLS	1w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Course is designed for engineers and scientists involved in the test and evaluation of flight control systems and provides an introduction to Flight Control Systems Development and autopilot testing.

PRE-REQUISITE:

COURSE NOTES:

P118405		U	INTRO TO UNMANNED AIR SYSTEMS (UAS) FLIGHT TEST	2w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

The Introduction to Unmanned Aerial System (UAS) flight test short course consists of three training phases that are designed to introduce and expose students to UAS flight test methods and techniques. First, students will receive a series of technical lectures on planning and executing test flights, fundamentals of ground control station design, instrumentation, and specific component testing (Navigation systems & data links). Second, students will be exposed to several UAS aircraft, including specific platform briefings from program managers or senior project engineers. Lessons learned from various UAS test programs will also be discussed during this phase. The final phase consists of "hands-on" evaluation with two separate UAS platforms. Several flight periods will be provided to allow students to interact with a UAS ground control station and expose students to UAS flight test operations by executing a simple UAS flight test. USNTPS Staff instructors or senior engineers from the Naval Air Systems Command (NAVAIR) will present all course material. The Naval Air Warfare Center Aircraft Division (NAWCAD, Webster Field Annex) will provide all UAS resources, including pilots and maintenance personnel. More information about this course can be found at: http://www.navair.navy.mil/USNTPS/shortcourse_detail.cfm?id=7

PRE-REQUISITE:

COURSE NOTES:

P118407		U	AIRBORNE SYS T&E NFO/WSO	48w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

NAVAL FLIGHT OFFICER/WEAPON SYSTEMS OFFICER AIRBORNE MISSION SYSTEMS TEST AND EVALUATION To provide experience in actual testing of modern aircraft and airborne systems and reduction and reporting of the data obtained. The airborne mission systems curriculum prepares pilots, Naval Flight Officers/Weapons Systems Operators, and engineers to test airborne mission systems and flight systems in addition to aircraft flying qualities and performance.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P118408		U	AIRBORNE SYS T&E ENGINEER	48w	PNAX	Patuxent River, MD
ECL:	80			**EIMET:**	No	

FLIGHT TEST ENGINEER AIRBORNE MISSION SYSTEMS TEST AND EVALUATION To provide experience in actual testing of modern aircraft and airborne systems and reduction and reporting of the data obtained. The airborne mission systems curriculum prepares pilots, Naval Flight Officers/Weapons Systems Operators, and engineers to test airborne mission systems and flight systems in addition to aircraft flying qualities and performance.

PRE-REQUISITE:

COURSE NOTES:

P118409		U	RW FLYING QUALITIES & PERF	2w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

ROTARY-WING FLYING QUALITIES AND PERFORMANCE SHORT COURSE The flying qualities course is designed for engineers and scientists involved in the test and evaluation of rotary wing aircraft. The course includes rotor theory, flight controls, mechanical characteristics, longitudinal statics, non-maneuvering and maneuvering flight characteristics, longitudinal dynamics, longitudinal dynamic modes, longitudinal transfer functions, lateral-directional statics, lateral-directional dynamics, lateral-directional dynamic modes, lateral-directional transfer functions, vibration analysis, aero-servo elastics, vortex ring state, and a review of the ADS-33 Handling Qualities specification. The students will have two flights in the OH-58 to execute flight test techniques and gather data.

PRE-REQUISITE:

COURSE NOTES:

P118420		U	INTRO TO AIRCRAFT AND SYSTEMS TEST AND EVALUATION	2w	PNAX	Patuxent River, MD
ECL:	80R			**EIMET:**	No	

Description" The Acquisition Process" The Test Planning Process" Report Writing" The Research and Evaluation Paragraph" Types of Reports" The DT-OT Transition Report " Flight Clearances" Data Collection and Instrumentation" Fixed-wing and Rotary-wing Basics and Flight Test Techniques" Aerodynamics" Flight Controls" Flying Qualities Testing" Instrumentation" Airborne Systems Basics and Flight Test Techniques" Communications System Theory" Radar Theory" Electro-Optical Theory" Navigation System Theory" Software Test and Evaluation" Naval Air Systems Command Ranges and Facilities" Test Planning for an Integrated System and Navigation System Demo/Evaluation" Flight Briefing" Test Design" Data Collection" Safety and Technical Review" Analysis of Results" Data Presentation" Flying the Test" Each student will fly on the Airborne Systems Test and Research Support Airplane (ASTARS) and conduct an integrated systems and navigation system evaluation using radar and electro-optical sensors, and Inertial and GPS navigation systems. Medical screening will be conducted during the first week of the course. For individuals with questions concerning this process, please contact the USNTPS Short Course Staff at 301-757-2137.AudienceThe intended audience for this course is personnel involved in rotary-wing, fixed-wing, or systems flight testing. This course is intended to provide the working level tester with the information necessary to plan, brief, conduct, debrief, analyze, and report flight test results. Objectives At the completion of this course, participants will " Understand the testing process" Understand the basics of airplane and helicopter flight testing" Understand the basic theory of radar, navigation, and electro-optical systems individually and as part of an integrated system" Design and execute an integrated systems test plan" Report on test results

PRE-REQUISITE:

COURSE NOTES:

P119000		U	SIMULATOR OVERAGE	0w	VAR	
ECL:				**EIMET:**	No	

This MASL is to capture any hours OVER the imbedded syllabus hours in order to re-imburse CNATRA for actuals.

PRE-REQUISITE:

COURSE NOTES:

P119002		U	F/A-18 SIMULATOR	1w	PBSC	ST Louis, MO
ECL:	80A			**EIMET:**	No	

Aircrew Simulator training in St. Louis, Missouri, for JDAM, at the same time we provide simulator training for the AMRAAM and JHMCS. This training, for two pilots and two WSOs, will include cockpit mechanization and Hands-On-Throttle-And-Stick. Simulator training will occur at the same time as the RMAF F-18D MUG Validation/Verification effort. The projected schedule is one and one-half (1.5) days of academic classroom work and two (2) days in the simulator.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P119016		U	AH-1W SIMULATOR TRAINING	1w	PMTR	Jacksonville, NC
ECL:	80A			**EIMET:**	No	

AH-1W SIMULATOR TRAINING

PRE-REQUISITE:

COURSE NOTES:

P119024	Q- 2A-0072	U	AVTRA FLT SURG T-34/TH-57	0	PTWV	Milton, FL
ECL:	80R			**EIMET:**	No	

LONG TITLE: Aerospace Medicine Specialist Indoctrination (Flight portion only). ACADEMIC PORTION PROGRAMMED UNDER P175307. *PART OF THE "STUDENT FLIGHT SURGEON CRS" AND A PREREQUISITE FOR "THE AEROSPECE MEDICAL RESIDENCY CRS" - P175309* Provides training leading to designation as a Naval Flight Surgeon. Flight training gives the student first hand experience in the stresses of the aviation environment. The student receives T-34 ground school and flight time, and TH-57 ground school and flight time. The mission of the Aerospace Medicine Specialist (AMS) Training Curriculum is to provide exposure to the various flight regimes and associated phenomenon of aero medical concern. The term Aerospace Medical Specialist includes all Bureau of Medicine and Surgery specialist that support the Naval Aviation fleet, including Residents in Aerospace Medicine, Flight Surgeon short course students, student Naval Aerospace Physiologist and student Naval Aerospace Experimental Psychologist. Each module of the instruction provides an introduction to the basic flight experiences encountered in daily training and fleet aircraft operations. Particular emphasis is place on basic motor flight skills and familiarization with the physiological stressors associated with aviation specific evolutions. SCOPE: Primary Instructional Methods Building block approach to developing and reinforcing prerequisite airmanship skills through a steady increase in mission task loading. Central to the approach is an optimum mix of classroom (systems, aerodynamics, etc.), simulator and flight instruction. Classroom instruction combines lecture and question/answer while simulator and flight instruction rely more heavily on a mentor relationship between instructor and student. Course Objectives Upon completion of this syllabus, the prospective Aerospace Medicine Specialist will demonstrate: a. A working knowledge of the fundamental concepts of aerodynamics, aircraft systems, emergency procedures and G-induced loss of consciousness. b. Proficiency in basic aviation ground operations. c. The ability to execute straight and level as well as turning flight. d. An understanding of standard operating guidelines associated with landing patterns, and instrument flight.

PRE-REQUISITE:

COURSE NOTES:

P119031		U	UAS T-HAWK OPERATOR TRAINING COURSE	1w	PHWL	Albuquerque, NM
ECL:	80A			**EIMET:**	No	

UAS T-HAWK OPERATOR TRAINING COURSE- Knowledge (self-paced) and hands-on (in-person) phases- Will include simulator- Will focus on flight rules/SOPs for Iraq and Afghanistan

PRE-REQUISITE:

COURSE NOTES:

P119032		U	UAS T-HAWK MAINTENANCE TRAINING COURSE	1w	PHWL	Albuquerque, NM
ECL:	80A			**EIMET:**	No	

UAS T-HAWK MAINTENANCE TRAINING COURSE Covers all T-Hawk Field Service repairs and the replacement of all spareable items and components

PRE-REQUISITE:

COURSE NOTES:

P119036	C- 9B-0030	U	INTRODUCTORY FLIGHT TRAINING (IFT)	7.2w	PAVS	Pensacola, FL
ECL:	80R			**EIMET:**	No	

IFS was implemented to decrease flight related attrition and Drop on Request (DOR) rates in Primary Flight Training by identifying SNA/SNFOs who lack the determination, motivation, or aeronautical adaptability required to succeed in Primary Flight Training. NOTE: Will need a TSA Badge if they land at an FAA Towered field.

PRE-REQUISITE: Military Officers selected for Aviation Training. Normally USN, USMC, and USCG

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P119037		U	SUPPLEMENTAL AEROSPACE MEDICAL FLIGHT TRAINING	8.2h	PTWV	Milton, FL
ECL:	80			**EIMET:**	No	

This course was designed for a Canadian flight surgeon, enrolled in P175309. MASL is to capture flight costs only.

PRE-REQUISITE:

COURSE NOTES:

P119041		U	AEROSPACE MEDICINE SPECIALIST	2w	PAMI	Pensacola, FL
ECL:	80			**EIMET:**	No	

To improve student skills and abilities to fly commercial aircraft with a flight instructor; learn the aspects of flying with instruments; and to improve flying solo and cross-country flights.

PRE-REQUISITE:

COURSE NOTES:

P119042		U	SCANEAGLE OPERATOR INITIAL QUALIFICATION TRAINING	10w	PIGI	Bingen, WA
ECL:	80A			**EIMET:**	No	

To train operators of Scan Eagle UAS, ready for entry into customer-operational environment. Training includes academics, flight, simulator exercises, operations through the IMUSE software, ground support equipment, ground station setup and operations, emergency procedures, payload setup and operations, operator level maintenance exercises, tactical employment, site setup, and final operations training exercise. Special Notes: The students must be able to comprehend written and verbal English language with technical vocabulary. The Scan Eagle user interface, including interactive checklists, aural warnings, and indicators, is in English. All instructional materials are presented in English. Therefore, even though Insitu will make every reasonable effort to provide unscheduled remediation for foreign students with comprehension problems, including use of foreign language-speaking staff where feasible, solid comprehension is a necessity. Otherwise, the risk and costs of failing to complete the course within the 10 week schedule should be considered a likelihood. This course can be conducted at a customer base of operations with suitable facilities and airspace."ECL IS WAIVERABLE AT THE SCHOOLS DISCRETION ON A CASE BY CASE BASIS".

PRE-REQUISITE:

COURSE NOTES:

P119043	CIVCONTR	U	SCANEAGLE MAINTAINER TRAINING	4w	PIGI	Bingen, WA
ECL:	70			**EIMET:**	No	

To train Maintainers of the ScanEagle UAS, ready for entry into the customer's-operational environment. Training includes academics, basic and advanced maintenance techniques and exercises, ground support equipment, ground control station, ground operations training, and site maintenance training. Special Notes: Electrical or Electronic maintenance background strongly preferred. The students must be able to comprehend written and verbal English language with technical vocabulary. The ScanEagle user interface, including interactive checklists, aural warnings, and indicators, is in English. All instructional materials are presented in English. Therefore, even though Insitu will make every reasonable effort to provide unscheduled remediation for foreign students with comprehension problems, including use of foreign-language-speaking staff where feasible, solid comprehension is a necessity. This course can be presented at a customer base with suitable facilities.

PRE-REQUISITE:

COURSE NOTES:

P119047	CIVCONTR	U	SCANEAGLE VIDEO EXPLOITATION SOFTWARE TOOLS(SVEST)	1w	PIGI	Bingen, WA
ECL:	80A			**EIMET:**	No	

This course provides imagery analysts with a detailed knowledge on how to capture, manage, and exploit video and metadata from the Unmanned Aircraft Vehicle (UAV). This course makes use of classroom and hands-on experiential learning to focus on the systems and applications that, with the Unmanned Arial System (UAS), provides the foundation for imagery analysts to capture and process ScanEagle motion imagery data. Notes: Formal training as an Imagery Analyst and field experience is required to grasp the learning objectives of this course. The students must be able to comprehend written and verbal English language with technical vocabulary focusing on tactical coordination. The ScanEagle user interface, including interactive checklists, aural warnings, and indicators, is in English. All instructional materials are presented in English. Insitu will make every reasonable effort to provide sufficient staff to support unscheduled remediation for foreign students with comprehension problems, including use of foreign-language-speaking staff where feasible. Pre-learning with interactive courseware is offered to provide ScanEagle vocabulary and basic systems knowledge. This course can be presented at a customer base with ScanEagle UAS operations and suitable facilities. "ECL IS WAIVERABLE AT THE SCHOOLS DISCRETION ON A CASE BY CASE BASIS".

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P119048	CIVCONTR	U	SCANEAGLE MISSION COORDINATOR TRAINING	1.6w	PIGI	Bingen, WA
ECL:	80A			**EIMET:**	No	

The ScanEagle Mission Coordinator course is designed to provide students with the knowledge, skills and abilities needed to effectively oversee mission execution of the ScanEagle UAS. The course prepares the MC to perform critical liaison functions between UAV ISR support operations and the war-fighter customer. The course provides understanding of air/ground contingency operations and experiential learning through simulation and flight operations to prepare for operations in a dynamic environment, including multiple, simultaneous UAV operations in complex and hazardous airspace. Notes: Tactical aviation or mission command and control experience is required to grasp the learning objectives of this course. The students must be able to comprehend written and verbal English language with technical vocabulary focusing on tactical coordination. The ScanEagle user interface, including interactive checklists, aural warnings, and indicators, is in English. All instructional materials are presented in English. Insitu will make every reasonable effort to provide sufficient staff to support unscheduled remediation for foreign students with comprehension problems, including use of foreign-language-speaking staff where feasible. Pre-learning with interactive courseware is offered to provide ScanEagle vocabulary and basic systems knowledge. This course can be presented at a customer base with ScanEagle UAS operations and suitable facilities."ECL IS WAIVERABLE AT THE SCHOOLS DISCRETION ON A CASE BY CASE BASIS".

PRE-REQUISITE:

COURSE NOTES:

P119052	CIVCONTR	U	SCANEAGLE FAM COURSE	0.8w	PIGI	Bingen, WA
ECL:	80			**EIMET:**	No	

Insitu's Familiarization Course is a 30-hour course designed to provide our customers with training for supervisors and unit tactical leaders who need a relatively brief overview of the ScanEagle product line operations. The Familiarization Course supports their decision-making processes about employment of the UAS in Combined Arms Tactical environments. The knowledge, skills, and abilities taught in the Familiarization Course enable effective oversight for leaders during mission execution."ECL IS WAIVERABLE AT THE SCHOOLS DISCRETION ON A CASE BY CASE BASIS".

PRE-REQUISITE:

COURSE NOTES:

P119053		U	FAST CHARACTERIZATION TOOL (FACT) TRAINING	0.4w	PWCL	China Lake, CA
ECL:	70			**EIMET:**	No	

THE FACT PERFORMS THE FOLLOWING SPECIFIC FUNCTIONS: MEASURES MAGNETIC FIELD IN THE COCKPIT AND MEASURES A/C BORESIGHT RELATIVE TO THE MEASURED MAGNETIC FIELD, USING HUD OR BORESIGHT REFERENCE UNIT (BRU) IMAGERY. GENERATES MCD AND LOADS IT TO A/C EU AND MTU. VERIFIES MAP ACCURACY AS A POSTMAPPING PROCESS. PROVIDES BUILT-IN TEST (BIT) CAPABILITIES. ENABLES USER TO DOWNLOAD MCD STORED IN EU TO FACT NOTEBOOK. THE FACT IS AN AUTHORIZED ALTERNATIVE TO THE LEGACY COCKPIT MAGNETIC MAPPING FIXTURE.

PRE-REQUISITE:

COURSE NOTES:

P119054	C-601-4500	U	KC-130J AIRCRAFT MECH INIT ACCES MAINT (MOS6216)	14.6w	PLRO	Little Rock AFB, AR
ECL:	80			**EIMET:**	No	

KC-130J AIRCRAFT MECHANIC INITIAL ACCESSION MAINTENANCE (MOS6216) Purpose: This course will introduce new Aircraft Mechanics to the KC-130J aircraft. KC-130J Airframe Mechanics will acquire sufficient skills/knowledge of the KC-130J aircraft systems, to include troubleshooting techniques, operational procedures, removal and installation of system components and scheduled maintenance. This course of instruction will allow graduates to perform organizational maintenance under close supervision in an operational squadron environment. Scope: Upon completion of this course, the KC-130J Power Plant Mechanic Apprentice will have acquired sufficient knowledge of the AE 2100D3 Turbo Prop Engine, Dowty F-391 Propeller, Auxiliary Power Unit, KC-130J Fuel Systems, to include theory, operations, test procedures, troubleshooting, removal/replacement and scheduled maintenance.

PRE-REQUISITE: Must be a graduate of N23E2X2 Aviation Warfare Apprentice Training (AWAT) Course, N23WSG2 Aviation Machinists Mate Common Core Class A1 and N23WSB2 Aviation Machinists Mate Turbo Prop Aircraft Fundamentals Strand Class A1.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P119055	C-602-4500	U	KC-130J INITIAL ACCESSION ELECTRICAL SYSTEMS TECH	12w	PLRO	Little Rock AFB, AR
ECL:	80			**EIMET:**	No	

KC-130J INITIAL ACCESSION ELECTRICAL SYSTEMS TECHNICIAN Description: This course will introduce new Aircraft Electricians to the KC-130J aircraft. KC-130J Aircraft Electricians will acquire sufficient skills/knowledge of the KC-130J electrical systems and repair of wiring and electrical connectors, to include, theoretical troubleshooting and fault isolation, operational procedures, identification, disassembly, assembly, repair, removal/installation of system components and scheduled maintenance. This course of instruction will allow graduates to perform organizational maintenance under close supervision in an operational squadron environment. Upon completion of this course, the KC-130J Aircraft Electrician Apprentice will have sufficient knowledge of the KC-130J aircraft systems integration and flight data processing, electrical power and lighting systems, flight environment and auto pilot, fire protection, flight controls, hydraulics, fuel, propulsion, airframe systems, to include theory, operations, test procedures, troubleshooting, removal/replacement, wire connector repair, and scheduled maintenance.

PRE-REQUISITE: Must be a graduate of N23E2X2 Aviation Warfare Apprentice Training (AWAT), n23kj23 Marine Corps Avionics (MV) Apprentice Technical Training and N23A972 Aviation Electricians Mate Strand Class A1.

COURSE NOTES:

P119056	C-102-4500	U	KC-130J INITIAL ACCESSION COMM NAVIGATION SYS TECH	13.6w	PLRO	Little Rock AFB, AR
ECL:	80			**EIMET:**	No	

KC-130J INITIAL ACCESSION COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN Description: This course will introduce new Avionics Technician to the KC-130J aircraft. KC-130J Avionics technicians will acquire sufficient skills/knowledge of the KC-130J Communications, Navigation and Identification systems on the KC-130J aircraft to include system analysis, operation theoretical troubleshooting, use of test equipment and isolation to perform, under close supervision, organizational maintenance in the squadron working environment. Upon completion of this course, the KC-130J Communication and Navigation Technician will have acquired sufficient knowledge of the Communications and Navigation systems, including theory, operation, test procedures, troubleshooting, removal/replacement, wire connector repair, and scheduled maintenance to be performed under close supervision while in the organizational maintenance activity.

PRE-REQUISITE: Must be a graduate of N23E2X2 Aviation Warfare Apprentice Training (AWAT) course and N23A962 Avionics Technician O Level Class A1.

COURSE NOTES:

P119057	C-603-4500	U	KC-130J INITIAL ACCESSION AIRFRAMES MECHANIC	10.4w	PLRO	Little Rock AFB, AR
ECL:	80			**EIMET:**	No	

KC-130J INITIAL ACCESSION AIRFRAMES MECHANIC Description: This course will introduce new Airframe Mechanics to the KC-130J aircraft. KC-130J Airframe Mechanics will acquire sufficient skills/knowledge of the KC-130J Airframes systems, to include troubleshooting techniques, operational procedures, removal and installation of system components and scheduled maintenance. This course of instruction will allow graduates to perform organizational maintenance under close supervision in an operational squadron environment. Upon completion of this course, the KC-130J Airframe Mechanic Apprentice will have acquired sufficient knowledge of the instruments and flight controls, pressure indications, the auxiliary hydraulic system, land gear system and airframe structure/windows to include theory, operations, test procedures, troubleshooting, removal/replacement and scheduled maintenance.

PRE-REQUISITE: Must be a graduate of N23E2X2 Aviation Warfare Apprentice Training (AWAT), N23WSG2 Aviation Structural Mechanic Core Class and N23WSH2 Aviation Structural Mechanic Organizational Level Strand.

COURSE NOTES:

P119058	C-600-3513	U	KC-130J CREW CHIEF INITIAL ACCESSION ORGANIZ MAINT	14.4w	PLRO	Little Rock AFB, AR
ECL:	80			**EIMET:**	No	

KC-130J CREW CHIEF INITIAL ACCESSION ORGANIZATIONAL MAINTENANCE Description: This course will introduce prospective Crew Chiefs to the KC-130J aircraft. KC-130J Crew Chiefs will acquire sufficient skills/knowledge of KC-130J aircraft systems, to include troubleshooting techniques, operational procedures, removal and installation of system components and scheduled maintenance. This course of instruction will allow graduates to perform organizational maintenance under close supervision in an operational squadron environment. Upon completion of this course, the KC-130J Crew Chief Apprentice will have acquired knowledge of the AD2100D3 Turbo Prop Engine, Dowty F-391 Propeller, Auxiliary Power Unit, KC-130J Fuel Systems, Com/Nav Systems, Electrical Systems and Airframes to include theory, operations, test procedures, troubleshooting, component removal/replacement and scheduled maintenance.

PRE-REQUISITE: Must be a graduate of N236982 Aviation Machinists Mate Common Core Class A1 and N2373C2 Naval Aircrew Candidate School; N51M5Q1 Survival, Evasion, Resistance and Escape School.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P119059	C-600-4500	U	KC-130J SURVIVAL SYSTEMS TECHNICIAN	11w	PLRO	Little Rock AFB, AR
ECL:	80			**EIMET:**	No	

KC-130J SURVIVAL SYSTEMS TECHNICIAN Description: This course will introduce new Safety Equipment Mechanics to the KC-130J aircraft. KC-130J Safety and Survival Equipment Mechanics will acquire sufficient skills/knowledge of KC-130J safety and survival systems, to include troubleshooting techniques, operational procedures, removal and installation of system components and scheduled maintenance. This course of instruction will allow graduates to perform organizational maintenance under close supervision in an operational squadron environment. Upon completion of this course, the KC-130J Safety and Survival Equipment Mechanic Apprentice will have acquired sufficient knowledge of the bleed air, wing and empennage anti-ice/de-ice, pneumatics, liquid oxygen (LOX), emergency equipment and fire protection systems to include theory, operation, test procedures, troubleshooting, removal/replacement and scheduled maintenance.

PRE-REQUISITE: Must be a graduate of N23EX2 Aviation Warfare Apprentice Training (AWAT) course and N23WSJ2 Aviation Structural Mechanic E (Safety Equipment) Core Class A1

COURSE NOTES:

P119060	D- 2G-0200	U	HELICOPTER CONTROL OFFICER (HCO)	1w	PHSE	Norfolk, VA
ECL:	80A			**EIMET:**	No	

To familiarize Non-Aviation Officers and Senior Enlisted supervisory personnel with the requirements necessary for safe and efficient Helicopter operations aboard Air capable ships. Scope: This course is to familiarize Non-Aviation Officers and Senior Enlisted supervisory personnel with shipboard helicopter operations. The classroom and field training shall include instruction in: - Publications pertaining to helicopter operations - Aviation facilities certification . - Operational characteristics of helicopters. - Aviation Safety program. - Helicopter emergency situations and ship response. - Night Vision Goggle (NVG) stage one classroom training. - Procedures and requirements for helicopter deck evolutions including: - launch and recovery. - personnel and cargo transfer. - VERTREP. - Hoisting, HIFR and MEDIVAC procedures.

PRE-REQUISITE: Possess qualities of mature judgment and be highly motivated.

COURSE NOTES:

P119063		U	RAM FLT OPS AND ANALYSIS	1w	PFAC	Corona, CA
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P119111		U	P-3CUDIII/AIP ENG RUSIM	1w	PVPJ	Jacksonville, FL
ECL:	80A			**EIMET:**	No	

This is simulator training in the 2C41 Special Note: Student must possess a Secret Clearance in order to access the facility where training takes place.

PRE-REQUISITE:

COURSE NOTES:

P119301	Q- 9B-0020	U	AVTRA PRE-FLIGHT INDOC	6.2w	PAVS	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Qualifies officers to perform duties and responsibilities of rated navigator. Training is managed and provided by elements of Chief of Naval Air Training (CNATRA) with interservice and multinational instructors and students. This joint flying training program provides approximately 110 flying hours, 75 simulator hours, 350 academic hours, and 170 officer development hours. Students progress through five phases of training, the first four are the same for each student [Preflight (phase 1), Primary (phase 2), Intermediate (phase 3), and Strike Core (phase 4)]. Bomber assigned navigators will complete the Strike syllabus in the advanced phase (phase 5) while fighter assigned navigators will complete the Strike Fighter syllabus in the advanced phase (phase 5). Students will also receive training on professional officer skills and knowledge required of junior Air Force officers. Graduates are qualified to fly Air Force jet aircraft with minimal transition and normally proceed to advanced flying training.

PRE-REQUISITE: This is a pre-requisite course for the following MASLS: P114001 AVTRA PRIMARY NFL T34, Q-2D-0012P119302 AVTRA MPTS PRIMAR FLT T-34, Q- 2A-0030P119391 AVTRA MSPT PRIM FLT T34 T-6A, Q-2A-0030. Other: Must be a VOLUNTEER. Entry test scores as required by DCNO (MPT)/CNP OP-01.IMO - English language comprehension test score and other requirements of DCNO (MPT)/CNP OP-01. Meet Navy flight physical requirements as stipulated by the Bureau of Medicine and Surgery for aviation personnel. Be qualified as a third class swimmer. Pass the standard Navy Physical Readiness Test with an overall grade of good or better.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P119308		U	SH-3 SIMULATOR TRAINING	1w	PRES	Willow Grove, PA
ECL:	80A			**EIMET:**	No	

SH-3 SIMULATOR TRAINING To provide initial and refresher training for SH-3 pilots to enhance their flying skills and maintain required qualifications.

PRE-REQUISITE:

COURSE NOTES:

P119311	SPECIAL	U	INTL BASIC AVIATION PREP	0w	POTD	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Prepare international officers as Pilots and Weapons Systems Operators for successful completion of U.S. Naval Aviation training. This curriculum consists of six primary areas of instruction: Aerodynamics, Aircraft Engines, Navigation, Flight Rules and Regulations, Meteorology, and Physical Fitness/Survival Swim/CPR/First Aid.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P119322		U	E2C OFT DEVICE 2F166	2w	PVAW	Norfolk, VA
ECL:	80A			**EIMET:**	No	

To train newly assigned pilots or to provide refresher training for qualified E-2C Aviators in the proper operation, troubleshooting of the cockpit flight panel during simulated flight operations.

PRE-REQUISITE:

COURSE NOTES:

P119324	D-600-0601	U	INDOCTRINATION	0.4w	PVPJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

TO FAMILIARIZE AND INDOCTRINATE OFFICER AND ENLISTED AIRCREWMAN WITH THE AVIATION COMMUNITY TO WHICH THEY ARE BEING TRAINED. SCOPE: THIS COURSE CONSISTS OF FORMAL CLASSROOM INSTRUCTION, LECTURES AND OTHER RELATED MEDIA TO PROVIDE STUDENTS WITH THE APPROPRIATE INFORMATION ON NAVY/MARINE, BASE AND SQUADRON REGULATIONS, INSTRUCTIONS, LOCAL AREA RECREATION, EDUCATION OPPORTUNITIES, AND A BASIC OVERVIEW OF THE SYLLABUS TRAINING IN WHICH THEY WILL RECEIVE, TO ENSURE EFFECTIVE AND EFFICENT USE OF TIME AT THE FRS AND TO REDUCE ADMINISTRATIVE PROBLEMS WHILE IN THE SYLLABUS.

PRE-REQUISITE:

COURSE NOTES:

P119701		U	E2C OPER FLT TRAINER	1w	PFAW	Point Mug, CA
ECL:	80A			**EIMET:**	No	

To provide safe and effective training for E2-C personnel in skills and techniques required for performance as qualified members of E2 flight crew.

PRE-REQUISITE:

COURSE NOTES:

P119703		U	SH-2G(E) SENSOR OPERATOR	1.6w	PHAJ	Jacksonville, FL
ECL:	80A			**EIMET:**	No	

To train students how to operate the SH-2G(E) Sensor Operator. Special Note: Student must possess a Secret Clearance in order to access the facility where training takes place.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P119705		U	SH-2G PILOT SIMULATOR TRAINING	2w	PHAJ	Jacksonville, FL
ECL:	80A			**EIMET:**	No	

Training will be conducted on the SH-60 simulator which shares many common characteristics of the defunct SH2 simulator formerly used in Willow Grove, PA Special Note: Student must possess a Secret Clearance in order to access the facility where training takes place.

PRE-REQUISITE:

COURSE NOTES:

P121001		U	EXERCISE PARTICIPANT	0w	VAR	
ECL:	70			**EIMET:**	No	

This general T-MASL is designed to provide tracking and authorization for international military students to participate in military exercises. The specific activities are arranged in accordance with the exercise plan.

PRE-REQUISITE:

COURSE NOTES:

P121006	A-221-0100	U	INTERNATIONAL AIC PROFICIENCY MAINT	1w	PTCP	San Diego, CA
ECL:	80A			**EIMET:**	No	

SPECIAL PROGRAMMING NOTE (SEE NOTES) PREREQUISITE: P129126 - AIC SUPERVISOR IR INTERCEPT CONTROLLER PROFICIENCY MAINTENANCE To provide the facilities, air services, tactical simulation, and classroom instruction required for current and qualified air intercept controllers to maintain their proficiency during fleet inport periods or while billeted ashore. The course also provides facilities for airborne AIC s to maintain their proficiency. This course consists of actual air intercept control, conventional or NTDS, along with tactical ACM simulation to enhance control proficiency. PROGRAM WITH P179401 (SEPARATE COST FOR FLIGHT HOURS)

PRE-REQUISITE:

COURSE NOTES:

P121007		U	PARTNER NATION PREDEPLOYMENT TRAINING	0w	VAR	
ECL:	70			**EIMET:**	No	

Provides for training and training support of partner nation personnel deploying in support of current or future operations.

PRE-REQUISITE:

COURSE NOTES:

P121022	K- 2G-0390	U	INTL CIC WATCH OFFICER	3w	PSWS	Newport, RI
ECL:	70			**EIMET:**	No	

INTERNATIONAL COMBAT INFORMATION CENTER (CIC) WATCH OFFICER Description: Prepares International Officers (O-1 to O-2) with training in basic CIC operations during routine peacetime steaming. Emphasis is on multi-threat warfare areas, CIC equipment, special maneuvering, and CIC navigation. Upon completion, the student is prepared to plan, coordinate and manage the supervision of all CIC operations and training during routine peacetime steaming.

PRE-REQUISITE:

COURSE NOTES: Family Members are STRONGLY DISCOURAGED to accompany the Students Due to the High cost of living in Newport RI. The servicing airport is TF Green in Providence RI. Please have the students arrive before 1700.

P121042	AIR NATIONA	U	JT ATTACK CONTROLLER ACADEMICS	2w	PSAW	Fallon, NV
ECL:	70			**EIMET:**	No	

Academic portion of MASL P121044 - JTAC CONTINUATION TRAINING.

PRE-REQUISITE:

COURSE NOTES: This academic course is the exact same as the two week academic portion given during the JTAC course, except that on one day the international students will be given a day off while the US students cover material that is classified secret.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P121044		U	JTAC CONTINUATION TRAINING	1w	PMNG	Alpena, MI
ECL:				**EIMET:**	No	

Joint Tactical Attack Controller (JTAC) Continuation Training Purpose: JTAC continuation training to include top off controls after completion of academics phase. Special Note: Limited Class size of 6 students

PRE-REQUISITE: Academic Phase - P121022 - JT ATTACK CONTROLLER ACADEMICS

COURSE NOTES:

P121045		U	FUNDAMENTALS OF COMBAT MODELING	0.4w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

FUNDAMENTALS OF COMBAT MODELING Combat, or conflict, modeling has a long history of being used by government and military organizations to explore the potential impact, effectiveness and/or efficiency of different proposed conflict models and their use as decision support tools. Examine how modelers develop combat or conflict models and how the results are used. Get the fundamentals, basic computer-based combat models, the difference between and implications of deterministic vs. Monte Carlo models, model support of war games, and efforts to model the overall conflict environment (DIME on PMESII). Notes: WHO SHOULD ATTEND: Modelers, Wargamers, and Programmers

PRE-REQUISITE:

COURSE NOTES:

P121046	PGAT	U	FUNDAMENTALS OF AIRBORNE ELEC COMBAT TEST & EVAL	1w	VAR	
ECL:	70			**EIMET:**	No	

FUNDAMENTALS OF AIRBORNE ELEC COMBAT TEST & EVA Discover how to best execute the test and evaluation of airborne electronic combat systems. Explore threats and EC defensive systems, the EC test process, test monitoring equipment and test facilities, the role of modeling and analysis, and the effects of signature technology. Examine case studies for EC test programs. Notes: WHO SHOULD ATTEND: Engineers, Scientists, Program managers, and Members of the Testing Community

PRE-REQUISITE:

COURSE NOTES:

P121053		U	JTAC CONTINUATION TRAINING	1w	PING	Peoria, IL
ECL:	70			**EIMET:**	No	

Joint Tactical Attack Controller (JTAC) Continuation Training Purpose: JTAC continuation training to include top off controls after completion of academics phase. Special Note: Limited Class size of 6 students

PRE-REQUISITE: Academic Phase - P121022 - JT ATTACK CONTROLLER ACADEMICS

COURSE NOTES:

P121903		U	JT ATTACK CONTROLLER RANGE TRAINING	2w	PSTW	Fallon, NV
ECL:	70			**EIMET:**	No	

This MASL consist only of the live training on the range portion of MASL P121902 JT ATTACK CONTROLLER Purpose: To develop and demonstrate proficiency as a TAC. Scope: Required to demonstrate the ability to conduct CAS/Fire Support Planning, briefing, and execution. Ability to conduct Precision Guided Munitions (PGM) employment and Bomb Hit Assessment (BHA).

PRE-REQUISITE:

COURSE NOTES: Remember, to go through the certification to become a JTAC, the candidate requires minimum of one year in a position with operation or mission ready fire support exposure. During your time at the range the international student can expect on average 4 hours of training with aircraft. Involved with this training students should expect on average 18 controls during day an night training controlling FA-18 aircraft dropping Mk-76 training rounds, laser guided training rounds and 20MM rounds. Because of the number of students on the range during one time, the average training per student may vary. Also realize that the average four hours allotted CAS training is not a continuous 4 hour window. Instead, that time will be spread out during a 1-2 week period. In between the time allotted on the radio controlling aircraft, the students will also be working with sand tables and observing other students on the range.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P122000		U	COMBAT LIFESAVER COURSE	2w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Purpose: To provide support to International Military Students (IMS) training in lifesaving measures as a secondary mission to their primary combat mission. This two week course is designed to provide the student with advanced lifesaving skills to include: hemorrhage control, maintaining casualty airway, managing penetrating chest injury, managing shock casualties, managing heat injuries, managing burn casualties, splinting techniques, evacuating casualties, and casualty assessment. Training will be accomplished through a combination of classroom and practical application exercises.

PRE-REQUISITE:

COURSE NOTES: This course can be offered in English and Spanish, check with IMSO for dates.

P122005	K-431-0129	U	NAVAL SPECIAL WARFARE SNIPER COURSE	6w	PSWG	Norfolk, VA
ECL:	80			**EIMET:**	No	

To train and qualify Naval Special Warfare (NSW) personnel to perform Sniper missions in support of NSW Operations.

PRE-REQUISITE: Officers designator: 5326/1130. Score Expert on standard Navy Rifle Qualification Test. Paygrade: E3 - O3

COURSE NOTES:

P122006	K-431-0139	U	NAVAL SPECIAL WARFARE LEAD BREACHER	4w	PSWG	Norfolk, VA
ECL:	80			**EIMET:**	No	

To train NSW personnel to perform target analysis, mission planning, and tactical entry into denied spaces during operations that include target assault on land-based and maritime interdiction, and other aspects of Naval Special Warfare. Methods of entry include manual, ballistic, mechanical, exothermic, and explosive techniques.

PRE-REQUISITE: Must hold NEC 532X and have satisfactorily completed the NSW explosive course, one full deployment and one complete block of assault (CQC, VBSS, MOUT) training. Waivers will be considered by the course manager, based on command's recommendation.

COURSE NOTES:

P122033	S-062-0030	U	WATERBORNE INSTRUCTOR CRS	8w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Course provides instruction in medical training, instructor development, weapons, seamanship, and swimming. Course breakdown is as follows: Medical training teaches basic life support and first aid. Instructor development covers theoretical and practical application of learning principles and concepts, instructional methods, communication skills, interaction and control techniques. Additionally, the course covers the use of training aids and technology, as well as performance-oriented training to include planning and developing of learning objectives and lesson topic guides. Weapons instruction covers basic training in the operation, employment, and maintenance of patrol craft weapons systems and various individual small arms to include routine and preventive maintenance as well as range safety procedures. Weapons systems include the M2HB .50 caliber machinegun, MK19 40mm grenade launcher, M60 machinegun, M16A2 carbine rifle, M203 and M79 40mm grenade launchers, and the M1911A1 .45 caliber pistol. Seamanship training includes high-speed and confined-space maneuvering. Additional training includes night vision goggle employment, and the operation of on-board electronic equipment such as radar, GPS and communications equipment. Swim instruction teaches the basics of water survival to include breast, side, and elementary back survival strokes, drown-proofing, improvised floatation, and lifesaving procedures. Patrol Craft training includes principles of board and search, inserts, extracts, emergency extracts, waterborne guard posts, command and control of large waterborne movement and assaults, as well as ambush/counter ambush principles.

PRE-REQUISITE:

COURSE NOTES: Students are required to be in good physical shape. Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and all enlisted personnel assigned to small craft operations. Students are required to bring ONE set of boots and at least TWO sets of camouflaged utilities or equivalent. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course, and PT gear (shorts and shirts only).

P122035	K-041-2137	U	MAGAZINE SPRINKLER INSPECT	0.6w	PFCS	San Diego, CA
ECL:	70			**EIMET:**	No	

A follow-on course to qualify selected personnel attached to inspecting and repair activities to conduct shipboard inspections of magazine sprinkler systems. Course includes recognition of deviations between installed equipment and directives detection of incorrect maintenance actions, installation criteria of wet and dry type magazine sprinkler systems, thermo-pneumatic automatic controls, inspection techniques and practical application on functional mock-up trainers.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P122038	A-113-1118	U	MK45 MOD 1 & 2 5"54 CAL	14w	PFCS	San Diego, CA
ECL:	70			**EIMET:**	No	

5"54 CALIBER MK 45 MOD 1 & 2 GUN MOUNT To provide selected Naval Gunner s Mate (GM) Personnel, Civilian Technical Support Personnel, Naval Shipyard Personnel and Allied Naval Personnel assigned under the Department of Defense Mutual Assistance Program, the skills and technical knowledge required to operate, maintain, and repair the 5" 54-caliber MK 45 Mod 1&2 Gun Mount, at the organizational level. Scope: The course will provide knowledge and skills needed to perform documented preventive and corrective maintenance on the 5" 54-caliber MK 45 Mod 1&2 Gun Mount.

PRE-REQUISITE:

COURSE NOTES:

P122061	A-121-0522	U	VLS MK41 O/M BASELIII	15w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

Provides personnel in the gunner s mate missile rating with the technical knowledge and requisite skills necessary to operate and maintain the System under limited supervision at the organizational level of maintenance. Training includes the theory and operation, troubleshooting procedures, PMS requirements and applicable safety precautions for the following components: 1. VLS MK-41 GMLS 2. Status Panel 3. AN/UYK-20(V) Computer 4. AN/UYK-44(V) Computer 5. AN/USH-26(V) Cartridge Magnetic Tape Unit 6. OL-267(V)1/UYK Data Terminal Group 7. AN/USQ-69(V) Data Terminal Set 8. RO-530/UYK Line Data Printer 9. Sprinkler System 10. Ventilation System 11. Deluge System 12. Strike down Elevator/Crane Assembly 13. Package, Handling, Storage and Transportation Equipment (PHST) 14. strike down Replenishment Equipment 15. Magazine Support Equipment. PREREQ INFO: Basic Electricity and Electronics(BE&E) background required. BE&E training can be obtained using own country assets or by attending U. S. training course, Advanced Electronics Technical Core, A-100-0139. TRAINING DELIVERY METHOD: AUTOMATED ELECTRONIC CLASSROOM (AEC) - TRAINING IN A TECHNOLOGY ENHANCED FACE-TO-FACE CLASSROOM SETTING THAT MAY INVOLVE USE OF ELECTRONIC EQUIPMENT.

PRE-REQUISITE:

COURSE NOTES:

P122075	K-221-2155	U	SAR SURFACE SHIP	1w	PTCL	Virginia Beach, VA
ECL:	80			**EIMET:**	No	

Provides CIC watch standers (E4 and above) with the level of knowledge necessary to effectively perform required SAR duties during SAR missions. This is five-day course; four days of academics/practical application, and one day of application evaluation. Curriculum emphasis will include: 1. SAR System Components: a. Organization b. Communications c. Documentation 2. SAR Mission Stages: a. Initial Action b. Planning (Datum Minimax procedures)Recommend all ships have a minimum of 4 graduates of this course and that one graduate must be E7 or above. Additionally, recommend operational staffs have one E7 or above graduate. Six months of CIC experience preferred.

PRE-REQUISITE:

COURSE NOTES:

P122079	SPECIAL	U	EOD PREPARATORY TRNG	0w	POTD	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Provides instruction in Explosive Ordnance Disposal (EOD) concepts, math, science, study, learning, and vocabulary skills. Additionally, the program offers international students the opportunity to PARTICIPATE physical conditioning necessary for EOD School. The physical training is designed to build the students' overall body strength in order to meet the physical demands found in this field.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P122092	F-000-0080	U	SUBMARINE ESCAPE	0.2w	PSUB	Groton, CT
ECL:	80R			**EIMET:**	No	

PURPOSE: The overall goal is to instruct an individual on submarine escape using the MK-10 Submarine Escape and Immersion Equipment (SEIE) , conduct the ripped hood exhalation drill and demonstrate surface survival techniques. SCOPE: Provides information and instruction on: - Pre-escape readiness - Hazards of pressurized ascent - Use of the MK-10 SEIE - Individual and team responsibilities - Surface survival techniques - Use of survival equipment.

PRE-REQUISITE: Must be medically qualified for Submarine Duty and pass an in house medical screening. Medical records must be received by the Submarine Escape Trainer medical staff no less than one business day prior to class convening.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P122093	F-063-0005	U	PRESSURIZED SUBMARINE ESCAPE TRAINING	0.4w	PSUB	Groton, CT
ECL:	80R			**EIMET:**	No	

PURPOSE: This course will provide Officer and Enlisted submariners with the knowledge and skills they need to successfully escape from a disabled submarine. The overall goal is to accomplish an individual escape using the MK-10 Submarine Escape and Immersion Equipment (SEIE) within the environment of the Submarine Escape Trainer. SCOPE: Demonstrate the knowledge and comprehension on: - Pre-escape readiness - Hazards of pressurized ascent - Use of the MK-10 SEIE - Individual and team responsibilities - Surface survival techniques - Use of survival equipment.

PRE-REQUISITE: Must be medically qualified for Submarine Duty and pass an in house medical screening and Hyperbaric Chamber test. Medical records must be received by the Submarine Escape Trainer medical staff no less than one business day prior to class convening. Personnel that do not pass the medical screening will continue instruction under the F-000-0080 Unpressurized Submarine Escape Training. (P122092)

COURSE NOTES:

P122094	F-493-0150	U	DISABLED SUBMARINE (DISSUB) SENIOR SURVIVOR COURSE	1w	PSUB	Groton, CT
ECL:	80R			**EIMET:**	Yes	

PURPOSE: The DISSUB Senior Survivor course is designed to provide the submarine fleet with senior personnel trained thoroughly in the knowledge and performance aspects of DISSUB personnel survivability. Utilizing the equipment and procedural documentation in a stressed environment, the course will focus on providing submarine force personnel the confidence and the ability to manage and coordinate the successful rescue/escape from a DISSUB. SCOPE: Demonstrate knowledge and comprehension of all aspects of DISSUB survivability procedures while performing the following: trunk operations, use of escape appliances, surface survival techniques, and atmosphere monitoring.

PRE-REQUISITE: COURSE 000-0080, SUB ESC TRNR or P122092COURSE 063-0005, SUBMARINE ESCAPE P122093

COURSE NOTES:

P122104		U	ALE-47 MISSION DATA FILE GENERATOR (MDFG) TRAINING	1w	PCCC	Jacksonville, FL
ECL:				**EIMET:**	No	

Course Syllabus Outline:" ALE-47 OFP Review" Dispenser Countermeasures Review" ALE-47 Intro" ALE-47 OFP Updates" ALE-47 Mission Data File Generator (MDG)- MDG Overview & SSDS Interface Functions- Edit MDF: Aircraft Baseline & CMDS Configuration- Edit MDF: Expendables & Magazines- Edit MDF: Manual Dispensing- Generating an MDF & MDF Reports- Lab: STE MDF Test - Man Disp- Edit MDF: Fixed Programs- Lab: STE MDF Test - JMR- Edit MDF: CRO Classes, Strategies & Responses- Edit MDF: CRO Fixed Programs (MAN/JMR)- Lab: STE MDF Test - CRO MAN/JMR- Edit MDF: Source & Bus Data, Threat Tables- Edit MDF: CRO Threat Class Definitions- Lab: STE MDF Test - CRO/RWR Threat Response- Edit MDF: System Checkout- HTML Help: Edit & Rebuild MLVS Utility - Build RRT MLVS Flashcard- Load PGMR with Test MDF

PRE-REQUISITE:

COURSE NOTES:

P122109	PGAT	U	FUNDAMENTALS OF RADAR SIGNAL PROCESSING DEF 3505P	1w	VAR	
ECL:	70			**EIMET:**	No	

This course introduces the student to the foundational signal processing methods at the core of most modern radar systems and provides a solid base for exploring advanced techniques such as radar imaging and adaptive processing. Review basic signal analysis concepts, focusing on Fourier transform relations and sampling. Explore common models of amplitude, Doppler, and statistical characteristics of targets and interference. Master methods for improving signal-to-interference ratio, including waveform modulation and pulse compression, Doppler processing, and adaptive interference rejection methods. Form output products of the signal processor with discussions of threshold detection, single- and multi-target tracking, and radar imaging. Special Notes: Who should attend: Engineers/Scientists new to, or seeking a refresher course in radar signal processing, or needing a firm foundation for advanced radar processing studies.

PRE-REQUISITE: Prior exposure to basic radar signal processing:The following courses are recommended:"Signal Processing Refresher or equivalent experience "Principles of Modern Radar or equivalent experience

COURSE NOTES: GA Tech Cost is $1995 per student (Group of 3+, rate decreases)

P122110	PGAT	U	TARGET TRACKING CONCEPTS DEF 3519P OR 3520	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Explore the concepts associated with target tracking, including equations to assist with the explanations and the tools needed to conduct basic analysis associated with target tracking.Special Notes: Who should attend:Engineers who are currently engaged or expect to be engaged in the specification, procurement, design and development, testing, and operation of target tracking systems. Scientists

PRE-REQUISITE: A familiarity with linear algebra and probability is recommended.

COURSE NOTES: GA Tech Cost is $1595 per student (Group of 3+, rate decreases)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P122111	PGAT	U	SIGNAL PROCESSING REFRESHER DEF 3521P	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Review basic techniques for representing and processing signals, emphasizing methods commonly used in sensor processing systems such as communications, radar, infrared systems, and electronic warfare. Understand continuous and discrete signals, Fourier transforms, and the representation and properties of noise. Explore the important matched filter concept from multiple view points. Understand the basics of sampling, digital filtering, and spectrum analysis. Apply these techniques in detection, data compression, and image processing. Each student conducts simple computer simulations and exercises to illustrate and reinforce key concepts. Special Notes: Who should attend: Engineers, scientists, analysts, and technicians; Technical personnel new to the field of signal processing and analysis; and, Technical personnel seeking to refresh or strengthen previous signal processing skills.

PRE-REQUISITE: Participants should be familiar with basic calculus, linear algebra, and complex numbers and arithmetic. Prior experience in MATLAB is not required.

COURSE NOTES: GA Tech Cost is $1795 per student (Group of 3+, rate decreases)

P122112	PGAT	U	BASIC ANTENNA CONCEPTS DEF 1501P	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Understand the fundamental properties, operations, utilizations, and applications of antennas. Focus on intuitive physical explanations and laboratory demonstrations. When equations are used, they are not derived. Instead, the significance of each will be explained; all terms will be clearly defined; and examples will be given to illustrate how they are used. Special Notes: Nonantenna specialists; Anyone needing the necessary background to complete the Antenna Engineering Certificate

PRE-REQUISITE:

COURSE NOTES: GA Tech Cost is $1450 per student (Group of 3+, rate decreases)

P122113	PGAT	U	PRINCIPLES OF CONTINUOUS WAVE RADAR DEF 3508P	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Compare the frequency modulated continuous wave waveform to other wideband waveforms. Consider low probability of intercept issues. Focus on linear frequency modulated continuous wave waveform with homodyne receiver processing. Explore waveform design, target, clutter, and noise performance. Examine frequency modulated continuous waveform radar applications, including seekers, surveillance, low-cost commercial sensors, and remote sensing. Special Notes: WHO SHOULD ATTEND: Engineers, Scientists, Managers

PRE-REQUISITE: None, however Principles of Modern Radar or other introductory courses may be helpful for participants with limited radar experience.

COURSE NOTES: GA Tech Cost is $1450 per student (Group of 3+, rate decreases)

P122114	PGAT	U	BASIC AIRBORNE FIRE CONTROL SYSTEMS DEF 1001P	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Understand the principles of aircraft fire control systems through interactive computer simulations and laboratory demonstrations. Explore air-to-air and air-to-ground fire control processes. Focus on intuitive physical explanations and PC-based software demonstrations. Build a working knowledge of aircraft fire control system components, including sensors, weapons, MIL-SPEC issues, and the man-machine interface. Special Notes: Who should attend; Engineers and scientists who need a basic understanding of the overall airborne fire control system

PRE-REQUISITE:

COURSE NOTES: GA Tech Cost is $1795 per student (Group of 3+, rate decreases)

P122525	A-113-2101	U	MK45 MOD 4 O&M DIFF	4w	PFCS	San Diego, CA
ECL:	70			**EIMET:**	No	

GUN MOUNT 5"/62 CALIBER MK 45 MOD 4 OPERATION AND MAINTENANCE DIFFERENCES This course is designed to provide selected U.S. Naval Gunner s Mates (E1-E9), with the technical knowledge and skills necessary to operate, maintain, fault isolate, and repair (under limited supervision) the MK 45 Mod 4 Gun Mount. Scope: The course content will include the following, in accordance with approved MK 45 Mod 4 Electronics Tech manuals: a. Differences in the Train and Elevation power drives b. Difference in system sequence of operation c. Differences in EP2 operation d. Differences in system fault isolation e. Electronic Tech Manual capabilities and usage

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P122571	K- 2G-3120	U	INTL JT MARITIME TACT DEV	8w	PSWS	Newport, RI
ECL:	80			**EIMET:**	No	

INTERNATIONAL JOINT MARITIME TACTICAL DEVELOPMENT Provide Mid-grade warfare specialty International Officers (O-3 to O-4) with the tactical development skills required to support a Joint Force Commander or Naval Component Commander in a multi-threat environment. The course stresses joint maritime planning, and war gaming. In addition, weapon systems information will be taught in order to integrate air, surface, and submarine platforms into an effective fighting force.

PRE-REQUISITE:

COURSE NOTES: Family Members are STRONGLY DISCOURAGED to accompany the Students Due to the High cost of living in Newport RI. The servicing airport is TF Green in Providence RI. Please have the students arrive before 1700.

P122602	A-041-0148	U	SMALL ARMS MARKSMANSHIP INSTRUCTOR	3w	PNAF	Chesapeake, VA
ECL:	80			**EIMET:**	No	

Purpose: To provide personnel the training required to perform the duties of a Small Arms Instructor, for rifles, pistols, and shotguns. This course supports unit level arms qualification and skills sustainment. Scope: Topics addressed during this course include safety, the use of deadly force, weapons characteristics and operation, fundamentals of marksmanship, range management and teaching techniques. Students will also fire the courses of fire outline d in OPNAVINST 3591.1 (series).

PRE-REQUISITE: Prior to enrollment in the course, students will be required to take an entrance exam. The exam is comprised of questions based from the M9, M500 and M16 CBTs. A passing score of 80% is required for enrollment in the course. All students will be administered the exam. Students must be physically fit and must have passed the last Physical Fitness Assessment (PFA) in accordance with OPNAVINST 6110.1 (series). Students must not be in a Light or Limited Duty (LIMDU) status. Students must hold current weapons qualification for the pistol, rifle (either M-16 or M-14) and shotgun IAW OPNAVINST 3591.1 (series), within the last 3 years and present proof of qualification on the first day of class. Qualification must be documented on an OPNAV 3591/1 Small Arms Qualification Record. No other documentation accepted. The Navy Handgun Qualification Course (NHQC) and the Rifle Qualification Course (RQC) requires a sharpshooter score or higher, and qualified on the PWC for Shotgun IAW OPNAVINST 3591.1 (series). This course has been designated High-Risk in accordance with CNETINST 1500.20 (series). All students must present a completed Physical Activity Risk Factor Questionnaire (PARFQ) form on the first day of class. The completed form shall be signed by a competent medical authority and must be completed within thirty days prior to attending High Risk Training. It is highly recommended that students being a non-duty status while enrolled in the course. Students who are pregnant are not authorized to attend weapons courses as per OPNAVINST 6000.1B.

COURSE NOTES:

P122650	K-431-0129	U	NAVSPECWARFARE SNIPER	6w	PWFC	San Diego, CA
ECL:	80			**EIMET:**	No	

NAVAL SPECIAL WARFARE SNIPER COURSE To train and qualify Naval Special Warfare (NSW) personnel to perform Sniper missions in support of NSW Operations. Prerequisites: Naval Special Warfare personnel. Officers designator: 5326/1130. Successful completion of Special Reconnaissance Scout Course (K-431-0128) and score Expert on standard Navy Rifle Qualification Test.

PRE-REQUISITE:

COURSE NOTES:

P122800		U	GCCS-M TRAINING	0.2w	VAR	
ECL:	70			**EIMET:**	No	

This unclassified hands-on classroom course is designed to provide eight hours of overview information covering the latest version of the releasable Global Command and Control System-Maritime operational software. Topics covered include the new capabilities, differences between the current and previous version, handouts, and a question/answer period. The class is administered in a laboratory environment, one student per workstation up to ten students, workstation sharing for class sizes above ten. Maximum class size: 18-20 Students. Scheduled start time is 8:00 am, a one hour lunch break midday, and wrap up at 5:00 pm.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P122801		U	MARITIME (GCCS-M) OPERATOR & SYSTEM ADMIN COURSE	2w	PSNW	San Diego, CA
ECL:	70			**EIMET:**	No	

Course Purpose: Provide Battle Group staff officers and senior enlisted personnel with the skills to effectively manage GCCS-M in a force level environment. The course will present lectures, discussions, and hands-on opportunities for Battle Group personnel to skillfully manage GCCS-M in a force level environment. This includes training on the system architecture, interfaces and communications, and operations of the applications as well as basic system administrator maintenance.

PRE-REQUISITE:

COURSE NOTES:

P123001	A-652-0500	U	SURF SHPBD GAUGE CALIBR	1w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

SURFACE SHIPBOARD GAUGE CALIBRATION OPERATOR 600/NUC Purpose: To provide training for certification of shipboard personnel as gauge calibration technicians, required to support a field calibration activity IAW NAVSEAINST 4734.1.Scope: This course provides training on gauge calibration program for 600 LBS system, Gas Turbine Ships and surface nuclear personnel. Pressure calibration concepts and principles. Operational principles and calibration using Data Metrics 1127-2 and King Nutronics 3666-2K, 3666-10K. Temperature calibration concepts and principles. Operational principles and calibration using King Nutronics 3604 and 3605. Torque calibration concepts and principles. Operational principles and calibration using consolidated devices torque tester Model #100/500 OI, #250/2000 PI and 1000 PF.

PRE-REQUISITE:

COURSE NOTES:

P123006	A-4H-0016	U	MINE COUNTERMEASURES FOR INT'L OFFICERS	2.8w	PMWS	San Diego, CA
ECL:	70			**EIMET:**	No	

Course is designed for the Junior Officer who requires a supervisor s technical and operational knowledge of streaming, recovery procedures and safety practices for surface mine countermeasures. Instruction includes fantail rigging, streaming and recovery of the various United States Navy Sweep configurations, as well as safety procedures and precautions applicable to each sweep configuration covered. Characteristics, functions and safety considerations for minesweeping winches, cranes, cutters, acoustic devices, and magnetic cables and their applications are covered in detail. NOTE: IT IS STRONGLY RECOMMENDED THAT IMS COMPLETE, P171051, "MINE WARFARE ORIENTATION FOR OFFICER" PRIOR TO TAKING, P123006, "INTERNATIONAL MINE COUNTER MEASURE."

PRE-REQUISITE: P171051 MINE WARFARE ORIENTATION FOR OFFICER

COURSE NOTES:

P123009	A-647-2756	U	VEMS ASHORE	2w	PMWS	San Diego, CA
ECL:	70			**EIMET:**	No	

Versatile Exercise Mine System (VEMS) Ashore Course is designed to provide Mineman the skills to operate and maintain the VEMS to the highest level supported by the documentation at an Intermediate Level of Maintenance Activity. The trainee will receive the training necessary to operate and perform preventive and corrective maintenance on VEMS and its subsystems at an intermediate maintenance level. SCOPE:Perform normal operations, preventive and documented intermediate level of maintenance on Versatile Exercise Mine System to include: Versatile Exercise Mine System (VEMS) MK 74 MOD 1 - Versatile Exercise Mine System (VEMS) MK 75 MOD 0 - Exercise Support System (ESS) MK 7 MOD 0 - Depot Automatic Testing Equipment (DATE)

PRE-REQUISITE:

COURSE NOTES:

P123011	A-647-2758	U	VEMS AFLOAT	1w	PMWS	San Diego, CA
ECL:	70			**EIMET:**	No	

Versatile Exercise Mine System (VEMS) Afloat Course is designed to provide Mineman the skills to on-load, install, launch, operte and recover Versatile Exercise Mines, perform preventive maintenance at the organizational level and off-load VEMS. The trainee will receive the training necessary to operate and perform organizational level maintenance and operate VEMS and it's subsystems. SCOPE:Students will perform normal operations, preventive and basic corrective maintenance on Versatile Exercise Mine System at an organizational level of maintenance to include: - Versatile Exercise Mine (VEM) MK 74 MOD 1 - Versatile Exercise Mine (VEM) MK 75 MOD 0 - Exercise Support System (ESS) MK 7 MOD 0 - Overside Body Handling System MK 9 MOD 0 (OSBHS) - Overside Body MK 5 MOD 0 (OSB) - Hull Mounted Transducer (HMT)

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P123030	A-652-0500	U	SURF SHPBD GAUGE CALIBR	1w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

To provide training for certification of shipboard personnel as gauge calibration technicians, required to support a field calibration activity IAW NAVSEAINST 4734.1.Scope: This course provides training on gauge calibration program for 600 LBS system, Gas Turbine Ships and surface nuclear personnel. Pressure calibration concepts and principles. Operational principles and calibration using Data Metrics 1127-2 and King Nutronics 3666-2K, 3666-10K. Temperature calibration concepts and principles. Operational principles and calibration using King Nutronics 3604 and 3605. Torque calibration concepts and principles. Operational principles and calibration using consolidated devices torque tester Model #100/500 OI, #250/2000 PI and 1000 PF.

PRE-REQUISITE:

COURSE NOTES:

P124000	K-431-0128	U	NSW SPECIAL RECON SCOUT	4w	PSWG	Norfolk, VA
ECL:	80			**EIMET:**	No	

To train and qualify Naval Special Warfare (NSW) personnel to perform Special Reconnaissance Scout (SRS) missions in support of NSW Operations.

PRE-REQUISITE: Officers with designator 5326/1130.Paygrade: E3 - O3.

COURSE NOTES:

P124002	K-431-0131	U	NSW HELICOPTER ROPE SUSPENSION TRAINING	1w	PWFE	San Diego, CA
ECL:	80			**EIMET:**	No	

PURPOSE The Naval Special Warfare HRST Master course will provide techniques and procedures for conducting basic HRST operations as the HRST Master. This course is designated as HIGH RISKSCOPE Topics for this course will include SPIE, Rappel, and Fast Rope Master certification.

PRE-REQUISITE: OTHER E-5 or above (waiverable). One year operational experience beyond SEAL Qualification Training.

COURSE NOTES:

P124028		U	CADRT OPERATOR TRNG	2w	PDAH	Dahlgren, VA
ECL:	70			**EIMET:**	No	

COMPUTER AIDED DEAD RECKONING TRACER (CADRT) OPERATOR TRAINING Course Purpose: The Computer Aided Dead Reckoning Tracer (CADRT) Operator course is designed to provide OS and Officer personnel with the skills and knowledge necessary to operate CADRT in support of routine CIC operations. The training includes routine CIC operations previously conducted on the DRT/DDRT/INTPS units in support of ASW, SUW, MIW and NSFS warfare. Additionally, the curriculum includes operations of CADRT Training mode, and utilization of CADRT in support of Amphibious operations and SAR. Method of teaching: Classroom lessons and hands-on training for applicable equipment to the DDS. Simulations used as appropriate, with differences explained. Prerequisites: Officer or Enlisted CIC personnel watchstander Invitational Travel Orders required Normal color vision Minimum ECL Score of 70%

PRE-REQUISITE:

COURSE NOTES:

P124036	J-221-0043	U	AMPHIB CIC BOAT CONTROL TEAM TRAINING	1w	PEW4	Norfolk, VA
ECL:	70			**EIMET:**	No	

To provide amphibious ship CIC team training in control of boat groups during amphibious operations. Scope: This course is offered to CIC teams for amphibious warfare ships having required operational capability for Primary Control Ship (PCS), (LPD, LSD, LHA, and LHD)(Army, LCU and LSV's). Team members may be E-1 through O-5 and need not be of the OS rating. Each team must have a minimum of nine (9) members who are familiar with CIC facilities and functions, one of which is an E-7 or above designated as evaluator by parent command. This course provides classroom instruction and practical work for Amphibious CIC Team Training in the basic methods and procedures used in controlling boat groups during amphibious operations. Exercises are conducted by the team in a CIC mock-up under supervision of instructors. The course emphasizes development of team proficiency through the conduct of simulated problems.

PRE-REQUISITE: E1-O5-RATE CTT/OS/QM-Course is offered to all amphibious warfare ships which have a required operational capability as Primary Control Ship (PCS). Ship teams must have at least nine personnel, including one E-7 or above to act as Evaluator. All personnel are expected to have basic CIC PQS qualifications for SPA-25 Operator, R/T Talker, and S/P Phone Talker. Other ships may attend, limited only by availability.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P124056	A-830-0022	U	VISIT, BOARD, SEARCH, AND SEIZURE (VBSS) BREACHER	1w	PNAG	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

To prepare selected surface ship VBSS team personnel to perform mission planning and target analysis duties as a mechanical breacher, utilizing appropriate breaching tools and techniques against various target sets in support of Maritime Interdiction Operations (MIO) Visit, Board, Search and Seizure (VBSS) procedures for Non-Compliant Low Freeboard. Scope: Course convening's will be constructed to allow a ship to either send all three selected individuals (with 1 additional alternate per 6 man team) for a one week convening or to send each individual separately. In order to graduate, each member will have to pass an evaluated NCB scenario in which they will breach assigned targets. Members are in general not interchangeable with the other shipboard VBSS teams. Each member has specific duties and one member will be assigned within Team 1, Team 2 and Team 3 for that deployment cycle. - Team 1 will have one graduate of the breacher course. - Team 2 will have one graduate of the breacher course. - Team 3 will have one graduate of the breacher course. Topics addressed during this course will include: - Safety - Breacher Purpose, Mission Planning, Target Analysis - Manual Entry Tools And Techniques - Mechanical Entry Tools And Techniques - Ballistic (Shotgun) Entry Tools And Techniques - Exothermic (Torch) Entry Tools And Techniques - Non-Compliant VBSS Breaching Scenarios. *Attendance in this course may require 2 hours of mandatory extra study based on students ability to maintain academic standards.

PRE-REQUISITE: 1. Advanced first aid qualified (stretcher bearer level).2. Non-lethal certification on Baton and OC spray.3. Rank waivers are requested via ISIC for TYCOM endorsement/approval and must be formally submitted to CENSECFOR Director of Training NLT two (2) weeks prior to class convening. If the course is NEC-awarding, student will not be awarded the NEC. Once the student makes rank, requesting command may request the NEC per the NEC manual. No other course prerequisites are waiverable. 4. Students must NOT have a record of Domestic Violence convictions or pending charges, and will be required to sign a statement of no domestic convictions (DD Form 2760, Dec. 2002), or show proof of one, on the first day of class.5. Students must complete the M9, M500 and M16 Computer Based Training modules developed by CENSECFOR. A certificate of completion must be presented prior to the day of convening.6. Students must have all weapons qualifications IAW OPNAVINST 3591.1 (series), I.E. NHQC, PWC (Handgun/Shotgun), HLLC, RQC, RLLC within the last year. Qualifications documented on OPNAV 3591/1 Small Arms Qualification Record with qualification date and score must be presented at muster on the first day of class. No other documentation will be accepted.7. Students must not be in a light or limited duty status. It is highly recommended that candidates do not have a fear of heights.8. Students who are pregnant are not authorized to attend weapons courses as per OPNAVINST 6000.1B.9. This course has been designated High-Risk in accordance with CNETINST 1500.20 (series). All students must present a completed Physical Activity Risk Factor Questionnaire (PARFQ) form on the first day of class. The completed form shall be signed by a competent medical authority and must be completed within thirty days prior to attending High Risk Training. It is highly recommended that students be in a non-duty status while enrolled in the course.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P124057	A-830-0395	U	NCB, VISIT BOARD SEARCH AND SEIZURE (NCB VBSS)	3w	PNAF	Chesapeake, VA
ECL:	70			**EIMET:**	No	

To prepare Shipboard Boarding Teams Boarding Officers (BO) and Enlisted Personnel to perform Visit, Board Search and Seizure (VBSS) procedures (Compliant and Non-Compliant Law Free board) in support of Maritime Interdiction Operations (MIO).Scope: Course convening's will be constructed to allow a ship to either send all three 6-man teams (with 1 additional alternate per 6 man team) for one three week convening or to send each individual team separately. Team members will be evaluated at each phase of the expanded course before proceeding to the next phase. In order to graduate, each team will have to pass an evaluated NCB scenario in which they will board an afloat target via rigid hull inflatable boat (RHIB). Each ship that goes through the training will be requested to provide their ship's RHIB at least once to support afloat scenarios. Team members in general are not interchangeable with the other shipboard VBSS teams. Each team has specific personnel and duties assigned and will be labeled Team 1, Team 2 and Team 3 for that deployment cycle. Team 1 will have the BO(Graduate of BO Course, O-1 or above), one graduate of the new Mechanical Breacher course, plus one (1) Engineering rating qualified sounding and security. Team 2 will have the Assistant BO (Graduate of BO Course, E-7 or Above), one graduate of the new Mechanical Breacher course, and one (1) engineering rating qualified sounding and security. Team 3 will have the Security Team Leader (STL) (Graduate of BO Course, E-6 or above (and will be a graduate of the BO/ABO Course), one graduate of the new Mechanical Breacher course and one (1) engineering rating qualified sounding and security. Each ship will have a CPO/Officer Liaison Naval Officer (LNO) who will be a graduate of the BO/ABO course who, during a boarding, will remain on the ship and act as a liaison between the ship and the team. This person is not required to attend the team trainer or Mechanical Breacher course, but may observe time permitting. Topics addressed during this course include: -- Safety -- Water Survival -- Use of force/Deadly force policy -- Physical Training/Defensive Training --Equipment Familiarization/Gear Issue -- Compliant Boarding -- Non-compliant Boarding -- Knot Tying Techniques -- Service Pistol, Service Rifle and Shotgun Tactical shooting -- Caving Ladder Climbing -- Rappelling and Containerized Inspection -- Tactical Movements -- Document Inspection, Verification and Intelligence Gathering -- Underway Ship Boarding -- Non-Lethal Weapons -- Mission Planning -- Effective Communications -- Combat First Aid -- Prisoner Escort This course is designated high risk under CNETINST 1500.20 (series). * Attendance in this course may require 2 hours of mandatory extra study per day based on students ability to maintain academic standards.

PRE-REQUISITE: Material discussed in this course is FOUO. Students must be U.S. or naturalized U.S. citizen, or citizen of Canada, Australia or Great Britain.1. Advanced First Aid qualified (stretcher bearer level).2. Commands must present a signed ISIC letter verifying course prerequisites have been met IAW example provided on the COMNAVSURFOR website. Each student must be listed by name. No other documentation will be considered. Students reporting for training without this letter will not be able to move into the high-risk training environment until this requirement is met. A sample tracking spreadsheet, sample command PFA letter, and sample ISIC prerequisite verification letter are available at https://www.surfor.navy.mil/training/n7certification/default.aspx.3. Demonstrate the ability to climb a 30 ft Jacobs ladder in full tactical gear within 2 minutes. Testing in PT gear is not authorized. Locations and details on sites where ladder climb can be conducted can be obtained from schoolhouse POC/s.4. Non-lethal Weapon qualified on Baton and OC spray.5. Students must NOT have a record of Domestic Violence convictions or pending charges, and will be required to sign a statement of no domestic convictions (DD Form 2760, Dec. 2002), or show proof of one, on the first day of class.6. Students must be Class 2 Swimmer certified within one year of the course convening date. Documentation will be made on Command Letter Head.7. Students must be a graduate of the Armed Sentry/Security Reaction Force-Basic (AS/SRF-B) Course (A-830-0018) or VIA Between the Lifelines (BTL) using a qualified ATFP Training Supervisor. BTL training requires certifications for both CIN A-830-2216 and A-830-2217 or be a graduate of the Master of Arms ?A? Course (A-830-0011) as of Sept 2006. AND be a graduate of Security Reaction Force-Advanced (SRF-A) Course (A-830-0396). A certificate of completion or proper documentation must be presented on the first day of class.8. Students must be graduates of the VBSS Boarding Officer Course (A-2E-0085). This only applies to the BO, ABO, STL, and LNO.9. Students must be graduates of the VBSS Breacher Course. This applies to the Mechanical Breachers only (3 Personnel per ship, 1 per 6-man team).10. Students must have demonstrated a Good/Medium/or Better category of the most recent Physical Readiness Test (PRT) in accordance with OPNAVINST 6110.1 (series) and must physically be able to demonstrate all shooting positions prior to enrollment. Documentation will be made on Command Letter Head and include the following information: Name, Rate, Age, Last 4 of SSN, Score for each event.

COURSE NOTES:

P124067		U	CONTR BRIDGE SIMULATOR TRNG	1w	PFTM	Mayport, FL
ECL:	70			**EIMET:**	No	

CONTR BRIDGE SIMULATR TRNG The Basic Ship handling Course (BSH) is a five day course of instruction patterned after STCW training courses and consisting of about 10 hours of classroom and 30 hours of ship handling simulator exercises. This course is intended for the inexperienced Navy novice seeking qualification as Officer of the Deck and Surface Warfare Officer but can be modified to match the experience level of any group. Class size is strictly limited to six students to ensure every student receives sufficient conning time. The course covers the very basic principles of ship handling utilized in controlling the movement and positioning a basic Navy destroyer type ship.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P124301	K-431-0024	U	UNWTR DEMOL/SEAL TRNG BASIC (BUD/S)	25w	PWFC	San Diego, CA
ECL:	80R			**EIMET:**	No	

To train officer and enlisted personnel of the U.S. Navy in the basic skills for duty with SEAL Teams. Physical and mental conditioning, including extensive physical training, distance running and swimming; beach reconnaissance and survey techniques; small unit tactics; practical demolition techniques; principles of diving; and open and closed circuit SCUBA diving. PREREQUISITES: GENDER=M. U.S. or foreign Navy officer or enlisted personnel, not over twenty-eight years of age. Applicants must meet the physical standards for diving duty and must be in good physical condition in order to withstand the rigors of this training. The application to be submitted in the format prescribed by MILPERSMAN art. 1410380. Course content is unclassified. Prospective U.S. SEAL personnel should be clearable to SECRET - if not held, should be initiated. This course is HIGH-RISK. Must complete BUD/S INDOCTRINATION Course (K-431-0037) and successfully pass BUD/S Physical Screening Test.

PRE-REQUISITE:

COURSE NOTES:

P124302	K-431-0037	U	UNWTR DEMOL/SEAL (BUD/S INDOC)	5w	PWFC	San Diego, CA
ECL:	80R			**EIMET:**	No	

To prepare prospective officer and enlisted personnel physically and psychologically for the rigorous twenty-five week (BUD/S) curriculum. A progressive approach to physical conditioning of running, swimming, calisthenics and obstacle course. Attention is given to sufficient recovery time between physical evolutions to eliminate injuries due to fatigue and poor conditions, with emphasis on achieving a passing score on the BUD/S physical screening test. This course is HIGH-RISK.

PRE-REQUISITE:

COURSE NOTES:

P124303		U	SEAL/BUDS PREPARATORY PHYSICAL TRAINING	0w	PWFC	San Diego, CA
ECL:	80R			**EIMET:**	No	

SEAL/BUDS PREPARATORY PHYSICAL TRAINING Basic physical fitness and swim prep training prior to entering the regular SEAL/BUDS basic orientation and basic courses.

PRE-REQUISITE:

COURSE NOTES:

P124305	K-431-0048	U	SCUBA DIVING SUPERVISOR	2w	PWFE	San Diego, CA
ECL:	80R			**EIMET:**	No	

To train officer and enlisted personnel from NSW and other Special Operations Forces (SOF) components in the knowledge and skills required to develop, plan, brief, and manage safe diving operations using current NSW diving procedures and equipment.

PRE-REQUISITE:

COURSE NOTES:

P124314	K-431-0128	U	NSW SPECIAL RECON SCOUT	4w	PWFC	San Diego, CA
ECL:	80			**EIMET:**	No	

NAVAL SPECIAL WARFARE SPECIAL RECONNAISSANCE SCOUT To train and qualify Naval Special Warfare (NSW) personnel to perform Special Reconnaissance Scout (SRS) missions in support of NSW Operations. Prerequisites: Naval Special Warfare (NSW) personnel. Officers with designator 5326/1130. Successful completion of Photographic Image Capture (PIC) course.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P124316	K-431-0097	U	SEAL ADVANCED CLOSE QUARTERS DEFENSE (CQD)	1w	PWFC	San Diego, CA
ECL:	80			**EIMET:**	No	

To instruct SEALs in the effective use of their weapons to gain the advantage and dominate an operational confrontation using an appropriate amount of force. CQD SEAL Level One course will standardize mission essential skills between SEAL personnel and SEAL operational units. This training will help provide accountability and is justified in mission use. Scope: CQD is a system that encompasses shooting and non-shooting responses during all NSW missions. It prepares SEAL platoons to survive and dominate a close quarter confrontation. The course provides SEAL platoon close quarter defense skill sustainment and incorporates the use of firearms. It improves operator, platoon and SEAL team interoperability. The COI covers all use of force options from passive, less than lethal threats to overt lethal force decisions. The operator is trained to perform these skills under true stress and chaos of a close quarter engagement. Appropriate force responses are reinforced throughout training. Program entails moderate risk evolutions.

PRE-REQUISITE: 1. GENDER M 2. MUST BE A VOLUNTEER 3. Present current physical IAW the Manual of the Medical Department, Chapter 15. 4. Must be in good physical condition (i.e., no shoulder, back, knee, or joint problems). 5. Must be capable of passing Navy First Class Swim Test. 6. No Interservice Instructor Training NEC/MOS is required to attend (CQD SEAL Level One). 7. Operational platoons with a minimum number of 12 students required. 8. Open to all officer and enlisted levels. COURSE IS MODERATE RISK. Class capacity: Maximum 24, Minimum 12. Students must bring the following: 1. Full camouflage uniforms 2. Full patrol gear 3. All out of area (non-San Diego) students bring medical records and orders.

COURSE NOTES:

P127001	A-495-0416	U	FIREFIGHTING GENERAL SHIPBOARD	0.2w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

Familiarize officers and enlisted personnel with shipboard firefighting systems, procedures and equipment. The scope includes proper techniques and procedures for general shipboard firefighting. Fires including Alpha, Bravo and Charlie fires and fires involving conventional weapons. The duties of oxygen breathing apparatusmen, nozzlemen, hosemen, plugmen, accessmen, and portable extinguisher supplymen are also addressed. The OPNAV damage control proficiency satisfied by this course is Level II. This course utilizes the OBA only. PREREQUISITES: Students must have orders and medical screenings in hand (no facsimiles accepted). Students must be physically qualified to handle fire hoses, wear full fire fighting gear and work various damage control equipment in hot, humid and stressful environment. Students shall be clean shaven. "No shave chits" are not accepted. Students must be medically screened by their parent command no earlier than 96 hours prior to arrival at fire fighting school. Medical screening shall be completed IAW NPDCINST 1500.1. This is to ensure individuals are medically qualified to safely participate in the course. Orders must be stamped or typed with "Medically Qualified", or command medical screening form must be filled out and attached to orders. A command medical representative must verify information is accurate and affix his/her seal and/or signature to the document. Potential students who are unable to participate in or complete the PRT must have specifically stated on their orders that they have been evaluated by their parent command for the specific condition(s) and are cleared for fire fighting training. This screening and notation should be done within 96 hours prior to attending course. PCS personnel must bring health record or have screening completed within 96 hours prior to CLCVN by medical facility. Students/teams without the required medical statement on their orders/screening will not be trained and will be returned to their parent command. This course is open to all rates. MINIMUM NUMBER OF STUDENTS: 12

PRE-REQUISITE:

COURSE NOTES:

P127012	K-495-0045	U	SHPBD DAMCONT TRNG	0.2w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

Required course for DCRS and Inport Emergency Teams (IET). Provides a one day opportunity for DCRS and IET Teams to perform as a team in investigating, reporting, repairing structural damage (shoring, pipe patching and plugging), and to control/stop flooding. This is equivalent to Level One training IAW OPNAVINST 3541 series. SCOPE: This course utilizes lectures, PowerPoint and practical exercises. Subject matter consists of 2 hours of classroom instruction and 6 hours of practical application. Areas covered include investigation, dewatering, damage control communications and equipment, shoring, pipe patching, EEBD, PHARS, hazardous material, material conditions, patching and plugging drills, and a wet battle problem utilizing the damage control wet trainer. PREREQUISITES: All students should be PQS qualified members of a DCRS or Students must have orders and Medical Screening form in hand. A stamp or notation on orders specifically stating "STUDENT IS MEDICALLY QUALIFIED TO ATTEND" will suffice. Students must be medically screened by parent command no earlier than 96 hours prior to arrival at damage control school. Medical screening shall be IAW NPDCINST 1500.1 (series). Potential students who are unable to participate in or complete the PRT must have it specifically stated on their orders that they have been evaluated by their parent command and are cleared for damage control training. PCS personnel must bring health records or have screening completed within 96 hours to CLCVN by medical facility. Students without required medical statements on orders will not be trained and returned to parent command. This course is opened to all rates and pay grades. Individuals with sickle cell trait shall be briefed by the parent command corpsman regarding necessary hydration procedures. No contact lenses will be permitted in the wet trainer during the wet battle problem. The use of combat spectacles is allowed.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P127028	J-495-0413	U	FIREFIGHTING SHPBD AIRCRFT	0.2w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

The purpose of the Shipboard Aircraft Fire Fighting Course is to provide instruction to officers and enlisted personnel assigned to aviation designated ships (LPH/LHA and larger) in aircraft fire fighting. The scope of this course includes instruction on personnel protective equipment, flight/hanger deck equipment and systems, procedures and techniques for combating fires, and actual fire fighting exercises involving class Bravo fires. The OPNAV damage control proficiency level satisfied by this course is level II.PREREQUISITE INFO: Students must have orders and medical screenings in hand(no facsimiles accepted). Personnel must be in sound physical condition to man fire hoses and work with various damage control equipment. Students must be medically screened by their parent command no earlier than 96 hours prior to arrival at fire fighting school. Medical screening shall be completed IAW NPDCINST 1500.1. This is to ensure individuals are medically qualified to safely participate in the course. Orders must be stamped or typed with "Medically Qualified", or command medical screening form(s) must be filled out and attached to the orders. A command medical representative shall verify information is accurate and affix his/her seal and/or signature to the document and date. Potential students who are unable to participate in or complete the PRT must have specifically stated on their orders that they have been evaluated by their parent command for the specific condition(s) and are cleared for fire fighting training. This screening and notation shall be done within 96 hours prior to attending the course. PCS personnel must bring health records or have screening completed within 96 hours prior to CLCVN by medical facility. Students without the required medical statement on their orders/screening will not be trained and will be returned to their parent command. This course is open to all rates.

PRE-REQUISITE:

COURSE NOTES:

P127180		U	CHEMICAL BIOLOGICAL IRF	1.4w	POSI	Indian Head, MD
ECL:	80A			**EIMET:**	No	

CHEMICAL BIOLOGICAL INCIDENT RESPONSE FORCE BASIC The purpose of this course is to train students to function as a basic member of the Chemical Biological Incident Response Force (CBIRF) that responds to a credible threat or a weapons of mass destruction incident in order to assist local, state, or federal agencies in the conduct of post-incident consequence management operations. CBIRF provides capabilities for agent detection and identification; casualty search, rescue, and personnel decontamination, and emergency medical care and stabilization of contaminated personnel. The instruction will cover pre-deployment, deployment, pre-staged, and no notice response of the force as either the Initial Response Force (IRF) or as the Follow on Force (FOF), as well as various functions, and procedures within the CBIRF. Prerequisites: Private E-1 thru 0-10, or Civilian/Foreign National involved in WMD Response. All personnel assigned to CBIRF are required to successfully complete the course of instruction to be assigned as a member of the IRF. Required gear list: Camouflage Utility Uniform, or service equivalent, PT gear (shorts/t-shirt), M40 Field Protective Mask (FPM) or service equivalent, Training Mission Oriented Protective Posture (MOPP) Suit, or service equivalent, Hygiene gear, pen/pencil and note pad.

PRE-REQUISITE:

COURSE NOTES:

P127437	A-495-2062	U	SHPBD CBR-D OPS/TRNG SPEC	2w	PFL1	FT Leonard Wood, MO
ECL:	80R			**EIMET:**	No	

To provide basic to advanced Chemical, Biological, and Radiological Defense (CBR-D) training for enlisted personnel (E5-E9), Source Ratings (DC, HT, & HM). Enlisted graduates of this course will be prepared to conduct CBR-D training at Training Commands and aboard ship for CBR-D, advise on integration of CBR-D operations into a normal command organization of the functions necessary to prepare for, defend against and recover from CBR-D involvement. SPECIAL NOTES: THIS COURSE IS A PREREQUISITE FOR P127143, "SENIOR ENLISTED DC", A-495-2055. IMSO orders must state in block 12 able to Participate in hazardous duty training. Prerequisite Text: Prior to transfer - the transferring command will ensure the following: 1. Must bring optical inserts for MCU-2P Mask or be able to see 20/40 (near or distant) or better in one eye. 2. Students must meet the Physical Fitness Requirements IAW OPNAVINST 6110.1 series. 3. Pregnant members are not allowed to attend the course due to the nature of the training. 4. Enlisted personnel (E5-E9), Source Ratings (DC,HT, HM, AD, AM,AME, PR, AE and AT).5. Failure to meet any prerequisite will result in disenrollment. OTHER Students reporting for instruction must meet Physical Readiness Program standards IAW OPNAVINST 6110.1 series (Body-fat percentage of 22% for males and 30% for females). Students failing to meet this requirement will be dropped from the course.

PRE-REQUISITE:

COURSE NOTES:

P128002		U	20H6 TRAINING	0.2w	PFTM	Mayport, FL
ECL:	70			**EIMET:**	No	

The 20H6 Training provides hands on experience for Engineering Supervisory watch stander, specifically for the EPCC, PCC and EOWW watch stations. This training includes engineering plant start up, normal operations and securing and engineering casualty control hands on experience in a controlled environment. This training reduces the likelihood of equipment damage aboard ship by honing watch stander skills prior to actual shipboard operations.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P128011	CIVCONTR	U	U-36 SIMULATOR	1w	PFST	Tucson, AZ
ECL:	70			**EIMET:**	No	

Lear Jet (U-36) Simulator Training.

PRE-REQUISITE:

COURSE NOTES:

P128101	B-012-1010	U	CENTRIFUGE-BASED FLT ENVIRON TRAINER (CFET) (NP5)	0.2w	PATS	NAS Lemoore, CA
ECL:	80A			**EIMET:**	No	

Required initial training per OPNAVINST 3710.7 series for all tactical jet aircrew flying AV-8, EA-6, F-5, F-14, F-16, or F/A-18 aircraft prior to reporting for FRS training. Per General NATOPS, tactical jet aircrews that have not received dynamic CFET training shall receive this course as soon as operationally practical. Scope: Classroom and laboratory presentations covering the physiological affects of acceleration and the counter measures employed in the high G environment. Training device evolution includes the centrifuge (device 9A16) and is accomplished ONLY at ASTC Lemoore prior to reporting to FRS.

PRE-REQUISITE: Current Aero-medical Clearance Notice signed by a Naval Flight Surgeon, aviation medical officer, or aviation medical examiner is required. Candidate shall be a winged Naval Aviator, Naval Flight Officer, Naval Flight Surgeon, Naval Aerospace Physiologist or Naval Aerospace Experimental Psychologist.

COURSE NOTES:

P129008	CIVCONTR	U	OPERATIONAL TEST AND EVALUATION (OT&E) COURSE	3w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

This course develops a customer-centric view of testing by providing an overview of current OT&E philosophies, processes, concepts and issues. Specifically the course provides an understanding of how OT&E fits into the acquisition process, the interrelationships of DT&E and OT&E, how test objectives are derived from user requirements, and the importance of relating test results to mission requirements. The course is extremely beneficial to anyone involved in OT&E; to DT&E testers who interface with OT&E; and to Program Office personnel, Program Managers and Test Managers whose programs are subject to OT&E and who would need to certify a system ready for OT&E. The course is continually updated to make it consistent with current US Department of Defense guidance. The course is adaptable to foreign government personnel and to civil airline pilots, engineers, and managers who are in a position to evaluate a new aircraft or system for their government or company, who need to work with the manufacturer to define special mission or customer requirements, and who must evaluate resulting modifications to ensure an operationally viable aircraft. The course consists of classroom lectures to teach basic flight test principles, concepts, and processes. The classroom instruction is reinforced by two demonstrations and two project flights, which are designed to provide "hands-on" experience in flight testing. A final student project further reinforces classroom instruction. During the final project, students use operational requirements documents to plan, flight test, and report on how well an aircraft or system can meet mission needs. OT&E student projects in previous classes have included both fixed wing and rotary wing, for air vehicle and avionics systems evaluations.

PRE-REQUISITE:

COURSE NOTES:

P129019	CIVCONTR	U	UNMANNED AERIAL VEHICLE COURSE	2w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

This two-week course offers a detailed look at UAVs and how they are flight tested. It is intended to provide the students with an understanding of UAV design and employment principles, and to introduce them to the methods and challenges associated with flight testing both remotely controlled and autonomous vehicles. The course presents a historical prospective which shows the evolution of UAVs from yesterday through today and extrapolates to next generation designs. It defines the different types of UAVs and discusses the different missions that typical UAVs accomplish. With this as a foundation, the course presents typical UAV system architectures as well as representative platform designs. Typical performance and flying qualities requirements and flight tests are discussed as they relate to the previously described missions and associated operating envelopes. Specific considerations are given to: sensors; health monitoring systems; data links; mission control elements; controls and displays; and mission planning. The course includes detailed discussions of the challenges associated with flight testing a UAV system. Topics examined include: How do we expand the envelope of an "unpiloted" vehicle? Does in-flight simulation have a role in UAV testing? Are high fidelity models needed to support UAV flight test? If so, how do we reconcile the model with the vehicle in order to safely uncover system deficiencies? How do we test contingency logic? How do UAVs co-mingle with commercial traffic in the national airspace system? The course offers candidate solutions these and other flight test questions. The course includes flight and simulator exercises designed to illustrate the challenges of testing a vehicle that can only be controlled remotely. Both remote pilot and command directed systems are examined.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129020		U	DOD OPERATIONS SECURITY COURSE (OPSE-2500)	0.6w	VAR	
ECL:	70			**EIMET:**	No	

DOD OPERATION SECURITY COURSE (OPSE-2400)(1) PLATFORM INSTRUCTION. THIS COURSE IS TAUGHT AT THE JOINT OPSEC SUPPORT CENTER (JOSC) IN (SAN ANTONIO, TX), 1ST INFORMATION OPERATIONS COMMAND (FT. BELVOIR, VA), NAVAL INFORMATION OPERATIONS CENTER (NORFOLK, VA AND SAN DIEGO, CA), 39TH IOS (HURLBURT, FL), AND AT OTHER ADJUNCT LOCATIONS CERTIFIED BY THE IOSS. (SEE IOSS TRAINING CALENDAR AT WWW.IOSS.GOV HTTP://WWW.IOSS.GOV/TRAINING/WWW.IOSS.GOV).(2) MOBILE TRAINING TEAM (MTT). AVAILABLE FOR DIRECT SUPPORT TO COCOM'S. ALL OTHER REQUESTS FOR JOSC MTT SUPPORT MUST BE STAFFED THROUGH J39 USSTRATCOM. CONTACT THE JOSC FOR SPECIFIC STAFFING DETAILS AT (210) 977-5652.DESCRIPTION : THIS COURSE IS DESIGNED TO PREPARE DOD OPSEC PERSONNEL TO PROVIDE OPSEC PLANNING AND ANALYSIS SUPPORT TO THEIR COMMANDERS, TO DEVELOP AND IMPLEMENT AN OPSEC PROGRAM, TO INTEGRATE OPSEC INTO MISSION PLANNING AND TO PLAN AND CONDUCT OPSEC ASSESSMENTS. OBJECTIVE : UPON COMPLETING THIS COURSE, STUDENTS WILL BE ABLE TO: * APPLY THE OPSEC PROCESS METHODOLOGY TO THEIR OWN ORGANIZATIONS AND ACTIVITIES * IDENTIFY SOURCES OF INFORMATION AND SUPPORT MATERIALS FOR OPSEC PRACTITIONERS * CONDUCT AN OPSEC ANALYSIS OF A PROGRAM, ACTIVITY OR OPERATION* MARKET AN OPSEC PROGRAM * WRITE AN OPSEC POLICY * IMPLEMENT AND MANAGE AN OPSEC PROGRAM TARGET STUDENT POPULATION : THIS COURSE IS DESIGNED SPECIFICALLY FOR DEPARTMENT OF DEFENSE INDIVIDUALS PERFORMING IN THE FOLLOWING TYPES OF POSITIONS AND FUNCTIONS: * OPSEC PROGRAM MANAGERS * OPSEC COORDINATORS * OPSEC WORKING GROUP MEMBERS NOTE : ACADEMIC CONTENT OF OPSE 2500 AND OPSE 2400 ARE THE SAME. DOD STUDENTS MAY ATTEND EITHER, BUT OPSE 2400 IS TAILORED SPECIFICALLY TO DOD REQUIREMENTS. OPSE-1400 IS AN ACCREDITED NATIONAL CRYPTOLOGIC SCHOOL COURSE

PRE-REQUISITE:

COURSE NOTES:

P129022	CIVCONTR	U	LIGHT AIRCRAFT FLIGHT TEST COURSE	16w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

LIGHT AIRCRAFT FLIGHT TEST COURSEA sixteen-week course that covers the core of performance and flying qualities flight testing. The academics are done coincidentally with the year-long Professional Course students. Training includes 38 hours of flight time in twelve types of light aircraft. Both military specifications and civil certification requirements are stressed for a complete flight test education. The course is taught once each year always starting in late June. The course is comprised of several discrete modules (Performance I & II and Flying Qualities I & II), which allows the student the flexibility to spread the fifteen-week course over two or more years, if required. During the performance and flying qualities modules, LAFTC students will attend academic classes with NTPSÆ Professional Course students. At the end of the course the student will perform a comprehensive final project on a single aircraft with a formal written and oral report on their findings. This course is approved for fifteen credit hours towards a Master of Flight Technology degree program from the National Flight Test Institute and has been approved by the German civil aviation authority (LBA) for a Class 2 (TB-2) test pilot license. Subjects covered: T & E 4001 Professional Course Introduction Module (3 weeks)T & E 4101 & 4102 Performance Flight Testing I & II Academic Modules (6 weeks)T & E 4103 & 4104 Flying Qualities Flight Testing I & II Academic Modules (5 weeks)Final Project (2 weeks)

PRE-REQUISITE:

COURSE NOTES:

P129023	CIVCONTR	U	PRE-TPS COURSE	16w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

PRE-TPS COURSE Evaluating a new aircraft or airborne system demands a strong background in mathematics and the physical sciences as well as extensive flying Experience. Many pilots and engineers selected to attend flight test schools have not had the opportunity for many years to exercise the academic skills learned in school. The objectives of the course are to prepare the students academically in the basic concepts of mathematics, physics, aerodynamics, aircraft performance and stability and control and airborne systems evaluation techniques. The six-week course is basically divided into three sections:1. Two week refresher in mathematics (trigonometry, calculus, differential equations) and physical sciences2. Two weeks of introduction to performance and flying qualities flight testing3. Two weeks of introduction to airborne systems evaluations During the four weeks the student attends the introductory performance & flying qualities and systems courses, they learn the basics of test team building, data analysis, and report writing. Data flights are flown in an instrumented Merlin III or a D.H. Dove, which reinforces the data acquisition and data analysis techniques learned in the classroom. Hands-on flights are flown in several NTPS aircraft for flight test techniques demonstrations and practice. During the two weeks of math and physics refresher, pilots will fly a variety of NTPS aircraft to broaden their flying background. Engineer students receive hands-on flight training. Afternoons are devoted to academics. This course, offered twice a year since 1976, has proven to be a very successful preparatory school for pilots and engineers prior to entering test pilot schools both in the US and abroad. Foreign students who speak English as a second language find the course particularly useful as an immersion course in technical English and as an exposure to a different culture.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129029	CIVCONTR	U	INTRODUCTION TO AVIONICS SYSTEMS	2w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

INTRODUCTION TO AVIONICS SYSTEMS Description: This two-week course is especially suited to aircrew, engineers and analysts who require an introduction and hands-on experience in Avionics and Weapons Systems Flight Test. This course is designed for newcomers to the field, experienced personnel who are returning to the field and Flight Test Managers and support personnel newly assigned to a systems flight test program. In addition to systems theory and operating practice, the principles and techniques of avionics flight testing are emphasized to provide students with a firm understanding and background necessary to participate immediately in any flight test program upon return to their respective organizations. Practical flight exercises are structured to build on material covered in the classroom lectures and to reinforce the students' knowledge through practical application of theory.

PRE-REQUISITE:

COURSE NOTES:

P129030	A-495-0018	U	SHIPBOARD FIREFIGHTING	0.2w	PLSM	Mayport, FL
ECL:	70			**EIMET:**	No	

SHIPBOARD FIREFIGHTING Description: The Fire Fighting Integrated Team Training is designed to provide instruction and evaluation to Officers and Enlisted personnel in team oriented firefighting tactics and procedures. Students will receive training in high temperature, high intensity, and multi-space fires. Graduates will possess the necessary skill sets to allow immediate integration into shipboard repair parties. This course is to provide instruction to Officers and Enlisted personnel in fire fighting tactics so that they may integrate into shipboard fire fighting teams. Students will be expected to: comprehend and apply fire fighting principles, rules, and concepts. Live fires will be fought with standard U.S. Navy fire fighting equipment. OTHER: This course is offered with a maximum class size of 48 students comprising 2 teams of 24. The first team of 24 students is reserved for carrier assets. The second team of 24 is available to all other assets. In the event that no other assets have reserved a team of 24 students then 1 week prior to the convening date, carrier assets can reserve that second team of 24 students. This will also pertain to all other assets if carrier assets have not reserved any teams 1 week prior to the class convening date. OTHER: Students must have orders and medical screenings in hand (facsimiles accepted). Must be physically qualified to handle charged fire hoses and work with various damage control equipment in a hot and humid environment. Students must be medically screened by their parent command within 96 hours of reporting to the fire fighting school. Medical screening shall be completed IAW NPDCINST 5100.1 SERIES. This is to ensure individuals are medically qualified to safely participate in the course. Orders must be stamped or typed "Medically Qualified", or a command medical screening form must be filled out and attached to the orders. A senior command medical representative must verify information is accurate and sign and date the document. He/she must also legibly print their name on or affix his/her official seal to the document. Potential students who are unable to participate in or complete PRT must have specifically stated on their orders/command medical screening form(s) that they have been evaluated by their parent command for the specific condition(s) and are cleared for fire fighting training. PCS personnel must have medical screening completed within 96 hours prior to CLCVN by medical facility. Students without the required medical statement on their orders or command medical screening form(s) will not be trained and will be returned to their parent command. All students are recommended to be clean shaven. "No Shave Chits" are accepted provided chit is presented upon arrival and member is able to establish an effective seal on SCBA face piece.

PRE-REQUISITE:

COURSE NOTES:

P129033	CIVCONTR	U	T&E 4208 NIGHT VISION IMAGING SYSTEM EVAL TECH	1w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

T&E 4208 NIGHT VISION IMAGING SYSTEM EVAL TECH To perform an evaluation of a night imaging system (NVIS) requires knowledge of night vision goggles (NVGs), NVG-compatible interior and exterior lighting, and the integration of these components in the aircraft. To prepare for this task, the basic theory and human factors of NVIS are discussed, and the methods of testing the integrated system are explained in detail. Included are an NVG Lab, an NVIS Lighting Lab, and NVIS Test Equipment Lab and an NVIS Evaluation Setup Lab. This course provides the ground work for all other NVIS Evaluation Techniques modules.

PRE-REQUISITE:

COURSE NOTES:

P129034	CIVCONTR	U	T&E 4208A NIGHT VISION IMAGING SYS FLIGHT DEMO LAB	1w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

T&E 4208A NIGHT VISION IMAGING SYS FLIGHT DEMO LAB To perform an evaluation of a night imaging system (NVIS) requires knowledge of night vision goggles (NVGs), NVG-compatible interior and exterior lighting, and the integration of these components in the aircraft. To place the night vision imaging system in context and to reinforce material presented in the NVIS Evaluation Techniques course, the student will wear and use NVGs while flying in an aircraft modified with NVIS lighting.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129035	CIVCONTR	U	T&E 4218 NIGHT VISION IMAGING SYS FLIGHT &LAB EVAL	1w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

T&E 4218 NIGHT VISION IMAGING SYS FLIGHT &LAB EVAL During the course, ground and flight evaluations will be conducted using an operationally representative NVIS-modified aircraft. After being given an evaluation assignment, the student will develop data cards for both laboratory and flight evaluations. For the laboratory evaluation the student will set-up test equipment, gather data, and analyze the findings. The findings will be used to structure the flight evaluation, which will be conducted by an NVIS test pilot. After completion of all testing, the student will analyze the data, determine conclusions and recommendations, and report the findings.

PRE-REQUISITE:

COURSE NOTES:

P129041	K-495-0045	U	GENERAL SHIPBOARD DAMAGE CONTROL TRAINING	0.2w	PLSM	Mayport, FL
ECL:	70			**EIMET:**	No	

Provides a one day opportunity for crewmembers to perform as a team in investigating, reporting, repairing structural damage (shoring, pipe patching and plugging), and to control/stop flooding. This course utilizes lectures, PowerPoint and practical exercises. Subject matter consists of 2 hours of classroom instruction and 6 hours of practical application. Areas covered include investigation, dewatering, damage control communications and equipment, shoring, pipe patching, EEBD, PHARS, hazardous material, material conditions, patching and plugging drills, and a wet battle problem utilizing the damage control wet trainer.

PRE-REQUISITE:

COURSE NOTES:

P129042	K-495-0051	U	GAS FREE ENGRG	0.8w	PLSM	Mayport, FL
ECL:	70			**EIMET:**	No	

To prepare personnel to assume the duties and responsibilities and to perform the tasks of a shipboard Gas Free Engineer. To make the student aware of the many hazardous atmospheres found onboard US Naval ships. To train the student in the use of the various instruments available to him/her for the purpose of determining if a hazardous atmosphere exists. The course also deals with the actual procedures for ensuring that a Gas Free Engineering program is functioning properly.

PRE-REQUISITE:

COURSE NOTES:

P129046		U	AN/USQ-125 (V) LIMK-11 DATE TERMNL SET (DTS) W/RCU	0.4w	PMPT	Portsmouth, VA
ECL:	70			**EIMET:**	No	

AN/USQ-125 (V) LIMK-11 DATE TERMNL SET (DTS) W/RCU Shipboard training will address system operation, maintenance, and reloading procedures for LINK-11 DTS and RCU.

PRE-REQUISITE:

COURSE NOTES:

P129059		U	TCI MODEL 903C SYSTEM OPERATION AND MAINTENANCE	1.6w	PTCI	Fremont, CA
ECL:	70			**EIMET:**	No	

This course will cover the basic operation and Maintenance of the TCI Model 903C System with HF Monitoring.Due to the Security Clearance of theTraining Facility, Students will be escorted at the Facility.

PRE-REQUISITE:

COURSE NOTES: Due to the Security Clearance of theTraining Facility, Students will be escorted at the Facility.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129060	F-4J-0020	U	SUBMARINE SAFETY OFFICER	0.4w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

The purpose of this course is to provide submarine officers, chief petty officers, and selected first class petty officers (designated Primary Assistant to the Command Safety Officer) who have been assigned as collateral duty Safety Officers aboard U.S. Navy submarines, with the training to implement, and maintain an effective submarine safety program. Scope: The course encompasses aspects of the Navy Safety Program as they relate to the submarine community underway and in port. The content includes safety organizations and references; risk management and deficiency abatement (including inspections and surveys), mishap reporting and investigation, asbestos, lead, hazardous material, respiratory protection, gas free engineering, sight and hearing protection, heat stress, electrical safety, topside safety, off-duty and traffic safety, and program implementation.

PRE-REQUISITE: Selected submarine qualified E-6 personnel (designated Primary Assistant to the Command Safety Officer), and all submarine qualified chief petty officers, and commissioned officers. For E-6 personnel assigned as the Primary Assistant to the Command Safety Officer, a statement must be included on the quota request indicating that the person is serving in that capacity. All personnel must have at least 12 months from course date remaining in job assignment.

COURSE NOTES:

P129070	CIVCONTR	U	T&E 4207 ELECTRO-OPTIC & INFRARED SYS FLIGHT TEST	1w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

A review of basic Infra-red and Electro-optic theory focuses on the application of these theories. The initial portion of the course reviews radiation theory while the remainder presents a detailed analysis of typical active and passive Electro-optical systems components. The instruction stresses the most correct and efficient means of evaluating these systems and predicting systems performance in both ground and flight environments. The course will also address Infrared countermeasures and counter-countermeasures and how to evaluate their effectiveness.Anticipated Student Learning Objectives:Upon successful completion of this course of instruction, the student will have a basic understanding of theory, flight test procedures, techniques, and data analysis associated with electro-optic systems. He/she will:Be familiar with1. The history, evolution and current applications of electro optic and infrared systems.Understand2. Atmospheric Propagation3. Target Signatures4. Sources of Radiation5. Spatial frequency and Range Predictions 6. Electro-optic and Infra-red Test Techniques 7. Infra-red Countermeasures and Test Techniques 8. Lasers and Laser Range FindersSequence of Instruction:History, Evolution and Current Applications of EO Systems EO Components and Performance Requirements Passive EO Devices Sources of Radiation Atmospheric Properties of Radiation Target Signatures Target Tracking and Automatic Target Recognition Target Discrimination Range Predictions Lasers EO Weapons Systems Sensor and Data Fusion Infra-red Countermeasures Passive EO Systems Flight Test Techniques Active EO Systems Flight TestTexts and Reference Materials:"Electro-optical Imaging System Performance," Gerald C. HoistNTPS Course notesInstructor TextInstructional Methodology:Lectures

PRE-REQUISITE:

COURSE NOTES:

P129071	CIVCONTR	U	T&E 4207A FLIR DEMO FLIGHT LAB	1w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

This flight lab demonstrates the correct Flight Test Techniques for evaluating a Forward Looking Infra-red System (FLIR). The Lab consists of one flight, and is worth one credit.

PRE-REQUISITE:

COURSE NOTES:

P129072	CIVCONTR	U	T&E 4207B FLIR/EO SYS EVAL FLIGHT EXERCISE COURSE	2w	PTPS	Mojave, CA
ECL:	70			**EIMET:**	No	

The student will demonstrate the correct Flight Test Techniques for predicting and evaluating FLIR/EO performance. The exercise consists of three flight, and is worth four credits. Pre-requisite, T&E 4201 4202 4207 & 4207a.

PRE-REQUISITE:

COURSE NOTES:

P1290BS	SPECIAL	U	NETC OBSERVERSHIP TRAINING	0w	VAR	
ECL:	70			**EIMET:**	No	

Observership NETC Training

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129101	D-600-0506	U	LANDING SIGNALMAN ENL	1w	PHSE	Norfolk, VA
ECL:	70			**EIMET:**	No	

Provides selected personnel with training in the basic skills required for safe and expeditious helicopter operations aboard Air Capable, Amphibious Assault Aviation LPH/LHA/LHD), and Aviation Ships (CV/CVN). Classroom instruction shall include lessons on helicopter capabilities, limitations and special characteristics, Shipboard Flight Quarters Organization, Helicopter Emergencies, Aircraft Movement, Handling Procedures, Visual Signals, Helicopter Safety, Flight Deck Visual Landing Aides, and Night Vision Goggles. Prerequisites: A. Vision correctable to 20/20 B. Normal depth perception C. Normal color vision D. Highly motivated E. Possess qualities of mature judgment F. Possess basic reading comprehension skills.

PRE-REQUISITE:

COURSE NOTES:

P129149	A- 4G-0021	U	INTL DAMCONT ASST	7w	PSLS	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

International Damage Control Assistant provides billet specialty training to Officers enroute to Damage Control assignments in surface ships. Course graduates are qualified to fill the Damage Control Assistant billet in surface ships covering the following areas in-depth: 1. Repair Division Administration and responsibilities 2. Damage Control Administration and Training. 3. Damage Control Equipment and Systems. 4. Damage Control Petty Officer Program requirements, equipment and maintenance procedures. 5 Stability and Buoyancy. 6. Battle Damage Evaluation and containment techniques. 7. Advanced Shipboard Firefighting.8. Chemical, Biological, and Radiological Defense management. 9. Gas Free Engineering to include Basic Lifesaving Cardio Pulmonary Resuscitation. Special Note: International Senior Enlisted, E-7 and above equivalent only, will be considered on a case by case basis.

PRE-REQUISITE: Students must have Steel Toe Boots and Work Uniforms for class. Graduation will be in Dress Uniform.

COURSE NOTES: Under Course Description Make the following changes: 7. Basic Shipboard Firefighting. 8. Helo Firefighting10. Wet trainer (USS Buttercup) (Addition)Under Prerequisites make the following changes: Student must have Steel Toe Boots and Work Uniforms and Coveralls for class. Graduation will be in Dress Uniform.

P129154	C-050-0600	U	RESCUE SWIM SCHOOL - TACT	5w	PAVS	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Provides USN and USMC personnel (E-1 through E-9) with knowledge and skills necessary to rescue waterborne survivors and to initially qualify as Aviation Rescue Swimmers. The Chief of Naval Operations (CNO) mission statement for Naval Aviation Rescue Swimmers is: The mission of the Naval Aviation Rescue Swimmer is to execute search and rescue (SAR) operations from rotary wing aircraft. The rescue swimmer shall be physically conditioned to routinely perform demanding rescues in hostile environments. His/Her expertise shall provide fleet commanders the ability to assist Department of Defense and civilian personnel in distress. The rescue swimmer shall be in proper physical condition, be proficient with rescue equipment and have the basic first aid, CPR, Resuscitation knowledge and skills necessary to recover and assist personnel during SAR operations. The rescue swimmer must be able to function in physiologically demanding environments at sea or on land during day or night operations. NOTE: MASL NUMBER P117024 IS A PREREQUISITE FOR RESCUE SWIMMER SCHOOL, MASL P129154.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129181	J-495-0419	U	ADV SHPBD FIREFIGHTING	0.8w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

The Advanced Shipboard Firefighting course is designed to train supervisory fire party personnel in advanced techniques in fire fighting and proper management of on-scene personnel. This course includes hands-on training as fire party members including Repair Locker Leader, Scene Leader, Investigator, Nozzleman, Hoseman, Access Man, and Plotter. The course also utilizes different methods and equipment to extinguish different classes of fires. The following subjects are covered: fire party duties; DC communications; de-smoking equipment and procedures; hose handling; machinery space fires; use of OBA, and selected emergency equipment; P-250; Halon 1301; special hazards fires; helo firefighting and personnel rescue. PREREQUISITE: General Shpd FF (J-495-0412), P127006.SPECIAL NOTE: THIS COURSE IS A PREREQUISITE FOR P166235, "DAMCONT REPAIR PARTY LDR", K-495-0040.PREREQUISITES: Students must have orders and medical screening in hand(no facsimiles accepted). Be an E-4 or above unless assigned as Repair Locker Leader, On-scene Leader, Team Leader, Nozzleman, or Investigator. Must have had "previous live fire fighting training. Students must be physically qualified to handle fire hoses, wear full fire fighting gear and work with various damage control equipment in hot, humid and stressful environment. Students must be clean shaven. "No shave chits" are not accepted. Students must be medically screened by their parent command no earlier than 96 hours prior to arrival at fire fighting school. Medical screening shall be completed IAW NPDCINST 1500.1. This is to ensure individuals are medically qualified to safely participate in the course. Orders must be stamped or typed with "Medically Qualified", or command medical screening form(s) must be filled out and attached to the orders. A command medical representative must verify information is accurate and affix his/her seal and/or signature to the document. Potential students who are unable to participate in or complete PRT must have specifically stated on their orders that they have been evaluated by their parent command for the specific condition(s) and are cleared for fire fighting training. PCS personnel must bring health records or have screening completed within 96 hours prior to CLCVN by medical facility. This screening and notation should be done within 96 hours prior to attending course. Students without the required medical statement on their orders will not be trained and will be returned to their parent command.

PRE-REQUISITE:

COURSE NOTES:

P129480		U	LCAC ORIENTATION OJT	1w	PACU	Camp Pendleton, CA
ECL:	70			**EIMET:**	No	

On the job orientation for LCAC watercraft.

PRE-REQUISITE:

COURSE NOTES:

P129490	K-060-2220	U	2ND CLASS SWIMMER TEST	0.2w	PHMR	Jacksonville, FL
ECL:	80R			**EIMET:**	No	

Provides U.S. Navy personnel who already possess good swimming skills with the opportunity to become certified second class swimmers IAW NAVMILPERSMAN ART. 6610120, American Red Cross guidelines and OPNAVINST 3120.32 Series. Students will be provided with abbreviated instruction on abandon ship procedures, basic swimming strokes, survival floating and second class swimmer qualifications/requirements. Students will then be administered the second class swim test.

PRE-REQUISITE:

COURSE NOTES:

P129491	A-050-0500	U	SURFACE RESCUE SWIMMER C1	3.8w	PHMR	Jacksonville, FL
ECL:	80R			**EIMET:**	No	

Surface Rescue Swimmer School is designed to provide Navy, USMC (E1-E9), designated Army personnel, and Military Sea Lift Command personnel with the knowledge and skills necessary to initially qualify as Search and Rescue Swimmers. Upon completion of this course, the Surface Rescue Swimmer is prepared for assignment with surface units to provide Rescue Swimmer duties. SCOPE: This course provides personnel with initial training and hands-on experience in First Aid, CPR, Rescue Equipment, Waterborne Lifesaving Techniques, Day/Night Water Entries, Parachute Disentanglement, Search and Rescue Tactics, Inanimate Object Recovery, Night and Multiple Rescue Situations, and Motor Whaleboat/Rescue boat/Focsle operations. Students will also undergo rigorous physical training which consists of calisthenics, timed swims (up to 2000 meters), and running 25-30 minute group paced runs at a 8.5-10 minute per mile pace.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129492	SPECIAL	U	PHYSICAL/SWIM/INDOC	2w	PHMR	Jacksonville, FL
ECL:	80R			**EIMET:**	No	

To provide physical and swimming training to foreign personnel to prepare them for follow on training in courses that require students to meet specific physical and swimming qualifications.

PRE-REQUISITE:

COURSE NOTES:

P129519	A-061-0012	U	QUARTERMASTER CLASS A	10w	PSS2	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To provide basic knowledge and skills necessary to perform duties of a Quartermaster of the Watch (less visual signaling) aboard ships underway, in port or at anchor. Scope: Instruction in charts and related publications, navigational aids, time and time pieces, Nautical Rules of the Road, logs, compasses and compass error, weather, tide and currents, sunrise and sunset, azimuths, taking bearings, symbols and labels, types of navigational fixes, set and drift, speed and distance, and plotting problems.

PRE-REQUISITE: Normal color perception and vision correctable to 20/20. Rate: SA/SN

COURSE NOTES:

P129600	SPECIAL	U	MARINE FORCES PREP CRS (TBS)	16w	POTD	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Marine Preparatory Course for The Basic School (TBS)Prepares International Officers for successful completion of U. S. Marine Corps' Basic Officer Course, at The Basic School, Quantico, VA. This 16 week course's curriculum consists of seven primary areas of instruction: Leadership, Physical Fitness/Combat Water Survival, Land Navigation, Small Unit Tactics, Communications, Call to Fire and Weapons. This course can also be used as a stand-alone program for fundamental combat arms training and physical conditioning.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P129PCL		U	MISC COMLANT TRNG	1w	VAR
ECL:	70			**EIMET:**	No

To provide maritime officers with simulator shiphandling experience in order to refresh/improve overall shiphandling skills and confidence prior to going to sea.

PRE-REQUISITE:

COURSE NOTES:

P129PCP		U	MISC COMPAC TRNG	1w	VAR
ECL:	70			**EIMET:**	No

To provide non formal training in various areas in CINCPACFLT school houses.

PRE-REQUISITE:

COURSE NOTES:

P129PCT		U	MISC NETC TRNG	1w	VAR
ECL:	70			**EIMET:**	No

To provide non formal training in various areas in Naval Education and Training Command (NETC) school houses.

PRE-REQUISITE:

COURSE NOTES:

P129PNA		U	MISC NAVAIRSYSCOM TRNG	1w	VAR
ECL:	70			**EIMET:**	No

To train aviation technicians to independently troubleshoot, disassemble, inspect, repair, reassemble and test airborne equipment and related support equipment.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P129PNO		U	MISC NAVOCEANO TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

MISC NAVOCEANO TRNG
PRE-REQUISITE:
COURSE NOTES:

P129PNR		U	MISC NAVRESFOR TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

MISC NAVRESFOR TRNG
PRE-REQUISITE:
COURSE NOTES:

P129POO	CIVCONTR	U	MISC CONTRACTOR TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

MISC (UNCLAS) CONTRACTOR TRNG UNDER MISC EXA
PRE-REQUISITE:
COURSE NOTES:

P129PSE		U	MISC NAVSEASYSCOM TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

MISCELLANEOUS UNCLASSIFIED NAVSEA TRAINING
PRE-REQUISITE:
COURSE NOTES:

P129PSW		U	MISC SPAWARSYSCOM TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

To provide training in the operation and maintenance of the Link-16 Command and Control Processor and related Aegis equipment.
PRE-REQUISITE:
COURSE NOTES:

P129PWC		U	MISC SPECWARCOM TRNG	0w	VAR	
ECL:	70			**EIMET:**	No	

MISC SPECWARCOM TRNG
PRE-REQUISITE:
COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P131000	A-662-0002	U	ELECTRICAL STRAND	2w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

The Basic Engineering Common Core 9C course offers entry-level training for the EM and GSE ratings. Training will be provided to Electrician's Mates and Gas Turbine Electricians in pay grades E1 through E4 with the knowledge and skills required to operate, troubleshoot, and perform organizational level corrective maintenance on electrical and electronic equipment and systems. The skills acquired will be used, under supervision, onboard Naval vessels for all conditions of readiness. Reusable Learning Objects (lessons) will address technical areas to include: Electrical Safety, Repair Party Electrician, Electrical Distribution, Shore Power, Shipboard Wiring, Motor Controllers, Motors, Motor Operated Valves, Sensing and Control Devices, Fiber Optics, Logic Circuits, Programmable Logic Controllers, Circuit Cards, Master Light-off Checklist, and other associated devices and sub-systems. Scope: Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electrical and electronic equipment. Trainees will be introduced to technical procedures, interpretation of meter indications on digital multimeters, fault isolation techniques for AC circuits by isolating the cause of each malfunction to the faulty component, analyze the operating and generator action, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by the Fleet.

PRE-REQUISITE: PAYGRADE E1-E4 RATE EM RATE GSE

COURSE NOTES:

P131005	PGAT	U	BASIC RF ELECTRONIC WARFARE CONCEPTS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

BASIC RF ELECTRONIC WARFARE CONCEPTS Principles of operation of radar-controlled weapon systems and electronic warfare (EW) systems designed to counter them, as well as the test and evaluation of these systems. Explore several types of weapon systems in medium-level detail, first principles instruction in electromagnetic waves and radar cross section, then principles of operation for search and tracking radar systems, radio frequency electronic countermeasures systems, and radio frequency electronic support measures systems. Additionally explore mission-level and engineering-level electronic warfare analysis as well as the test and evaluation of electronic warfare systems. Notes: Course is for Engineers and managers.

PRE-REQUISITE:

COURSE NOTES:

P131006	PGAT	U	PRINCIPLES OF MODERN RADAR	1w	VAR	
ECL:	70			**EIMET:**	No	

PRINCIPLES OF MODERN RADAR Learn radar principles, systems, techniques, phenomenology, and the basics of radar technology. Get up-to-date examples of modern radar systems, including microwave and millimeter-wave, and their applications. Understand antennas, transmitters, receivers, clutter and noise, detection, signal processing, waveform design, Doppler techniques, resolution, multipath, and reflectivity measurements. In Atlanta, demonstrations of radar systems and their components complement the lectures. Notes: Who should attend: Course is for Engineers, Scientists and Managers from industry, education institutions, and Government agencies.

PRE-REQUISITE: Basic Radar Concepts P131005 (Recommended).

COURSE NOTES:

P131009	PGAT	U	RADAR PERFORMANCE: PRINCIPLES AND LIMITATIONS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

RADAR PERFORMANCE: PRINCIPLES AND LIMITATIONS Examine radar operation at the basic introductory level for several diverse types of coherent radar systems including: Synthetic Aperture Radar (SAR), Moving Target Indicator (MTI), Pulse-Doppler (PD), Continuous Wave (CW), and Phased Array Radar systems. Focus on exploring performance limitations relative to an ideal system. Better understand coherent radar performance in the presence of contaminating factors associated with system instabilities, real-world clutter, and hardware errors. NOTES: WHO SHOULD ATTEND: Engineers and scientists involved in research, analysis, design, and development of coherent radar systems.

PRE-REQUISITE: Radar systems background would be helpful though not required.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P131012	A-100-0102	U	EM APPRENTICE TECHNICAL TRNG ATT (AEC)	2.2w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

EM APPRENTICE TECHNICAL TRAINING The Apprentice Technical Training course will offer entry-level training for the EM rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, and other associated devices and sub-systems. Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduced to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet. Training Delivery Method: Computer based

PRE-REQUISITE:

COURSE NOTES:

P131015		U	MODELING AND SIMULATION IN RADAR SYSTEMS	0.8w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

MODELING AND SIMULATION IN RADAR SYSTEMS Develop techniques for modeling and simulation of modern radars to apply to radar systems design, analysis, test and evaluation, and performance assessment. Begin with the radar equation, extend modeling and simulation to introduce general radar subsystems (transmitters, receivers, and antennas). Explore phenomenology (propagation and clutter), target physics (RCS and dynamics), and electronic attack to develop the radar modeling and simulation and for the further development of modeling and simulation scenarios. Notes: WHO SHOULD ATTEND: Engineers, Scientists, and Managers.

PRE-REQUISITE:

COURSE NOTES:

P131016		U	MODELING AND SIMULATION OF ANTENNAS	0.6w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

MODELING AND SIMULATION OF ANTENNAS Focus on commercial modeling codes and custom modeling examples in MATLAB for modeling various types of antennas. Explore antenna architectures and modeling theory, with an emphasis on various methods of modeling the antenna architectures. Study particular modeling methods through laboratory examples. Notes: WHO SHOULD ATTEND: Junior and senior research engineers, scientists, and program managers.

PRE-REQUISITE: Knowledge of antennas on the level of Basic Antenna Concepts is recommended, as well as a technical background in the field of antennas.

COURSE NOTES:

P131017		U	MODELING & SIMULATION OF RF ELECT WARFARE SYSTEMS	0.8w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

Modeling and Simulation of RF Electronic Warfare Systems Develop techniques for modeling and simulation of electronic attack systems as countermeasures to modern radar, communications, surveillance systems and radio frequency weapons, electronic protection designs, and systems to provide counter-countermeasure protection for modern radio frequency systems and weapons. Explore radio frequency systems using the radar equation; coherent and non-coherent systems; electronic warfare/electronic attack/electronic protection functions, methods, techniques, and processes; and phenomenology (targets, clutter, and propagation).Notes: WHO SHOULD ATTEND: Engineers, Scientists, and Managers

PRE-REQUISITE: Basic Radar Concepts or Principles of Modern Radar courses or their equivalent and electronic warfare knowledge at the Basic Electronic Warfare Concepts level.

COURSE NOTES:

P131018	PGAT	U	TEST & EVALUATION OF DEFENSE RF ELECTRONIC SYSTEMS	1w	VAR	
ECL:	70			**EIMET:**	No	

TEST & EVALUATION OF DEFENSE RF ELECTRONIC SYSTEMS Review the requirements for testing defense-related radio frequency electronics systems (radar, electronic warfare, communications, and RF-surveillance systems), beginning with a detailed discussion of test and evaluation as it pertains to Department of Defense and U.S. government-systems acquisition processes. Explore laboratory and in-situ testing of methods for components, subassemblies, subsystems, systems, and platform (ship, air, space, and ground)-level testing. Examine modeling and simulation on test and evaluation Notes: WHO SHOULD ATTEND: Managers, Engineers, and Scientists

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P131023		U	PRINCIPLES OF AIRBORNE PULSE DOPPLER RADAR	0.6w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

PRINCIPLES OF AIRBORNE PULSE DOPPLER RADAR Description: Understand Pulse-Doppler radar and how it is used to detect moving targets in the presence of background clutter. Examine the Doppler shift, how Doppler frequency is measured by a coherent radar, and the range and Doppler extents of the interfering clutter from the perspective of an airborne radar. Explore the concepts of ambiguities and blind zones and their implications toward clutter folding, probability of detection, search time, and the need for pulse-repetition frequency variation. Examine three major PRF regimes - high, medium, and low. Notes: Who should attend: Engineers, Scientists, Managers from Industry and Academia, and Government Organizations

PRE-REQUISITE: Prior exposure to basic radar concepts and a familiarity with signal processing theory is helpful for understanding certain topics.

COURSE NOTES:

P131024	A-493-0033	U	ELECTRICAL STANDARDS	0.8w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

This course is to provide full-time SOH personnel and designated collateral duty SOH managers and safety officers at shore activities with introductory training necessary to interpret and apply electrical safety standards to ensure hazard-free workplaces.Scope: The course content includes how to define and describe basic electrical concepts; identify requirements as defined in the National Electrical Code, 29 CFR 1910 Subpart S, 29 CFR 1926 Subpart K, NFPA 70E and OPNAVINST 5100.23 series, including hazardous locations; interpret standards and apply them to the workplace; describe properly grounded systems; and understand and be able to use electrical test equipment. SPECIAL REQUIREMENTS: Students must bring safety glasses, hearing protection and safety shoes for a field exercise.

PRE-REQUISITE: Must be in GS-018, -019, -803 classification series or full-time military safety personnel. Military or civilian collateral duty safety personnel are eligible but must be designated in writing as the activity SOH manager/safety officer at Naval shore activities. All personnel must also have at least 12 months from course date remaining in job assignment.

COURSE NOTES: Special Requirements: Students must bring safety glasses, hearing protection and safety shoes for a field exercise.

P131032	A-100-0058	U	2M TECHNICIAN RECERTIFIER	2w	PSSN	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

To provide prospective 2M Technician Recertifiers, 2M/MTR Field Service Engineers and Fleet Coordinators with the technical knowledge and skills necessary to implement the Fleet Recertification requirements. They will be capable of performing all tasks required of 2M Technicians. Their primary jobs will be to recertify Miniature and Microminiature Electronic Repair Technicians, to identify equipment and site improvements necessary to meet minimum standards, and to apply minimum standards of quality set forth in the Standards Maintenance Practices, 2M Electronic Assembly Repair Manual (NAVAIR 01-1-1A-23, NAVSEA SE004-AK-TRS-010/2M) for all levels of repair. SCOPE: The 2M Technician Recertifier course will cover inspection criteria for the Miniature Electronics Repair Course (A-100-0072) and Microminiature Electronics Repair Course (A-100-0073). The course will also cover the requirements of personnel recertification, documentation and database inputs.

PRE-REQUISITE: Completion of Miniature Electronics Repair (A-100-0072) and Microminiature Electronics Repair (A-100-0073) Courses.

COURSE NOTES:

P131041	A-100-0058	U	2M TECHNICIAN RECERTIFIER	2w	PFCS	San Diego, CA
ECL:	70			**EIMET:**	No	

To provide prospective 2M Technician Recertifiers, 2M/MTR Field Service Engineers and Fleet Coordinators with the technical knowledge and skill necessary to implement the Fleet Recertification requirements. They will be capable of performing all tasks required of 2M Technicians. Their primary jobs will be to recertify Miniature and Micro miniature Electronic Repair Technicians, to identify equipment and site improvements necessary to meet minimum standards, and to apply minimum standards of quality set forth in the Standards Maintenance Practices, 2M Electronic Assembly Repair Manual (NAVAIR 01-1-1A-23, NAVSEA SE004-AK-TRS-010/2M) for all levels of repair. SCOPE: The 2M Technician Recertifier course will cover inspection criteria for the Miniature Electronics Repair Course A-100-0072 and Micro miniature Electronics Repair Course A-100-0073. The course will also cover the requirements of personnel recertification, documentation, and database inputs.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P131042	J-662-0021	U	ELECTRIC MOTOR REWIND	6w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

To provide necessary training on the specific equipment or skill described. SCOPE: The Electric Motor Rewind Course Outline of Instruction provides personnel with the knowledge and skills necessary to rewind alternating current (A/C) electric motors, operate electric motor test equipment, calculate motor rewind data, disassemble, reassemble and test operate the final product. Students will rewind one single phase A/C motor using the concentric gang wound method and four three-phase A/C motors using the gang, continuity, concentric and lap winding methods incorporating the throw up and throw down technique. The extensive background of motor winding connections will include single voltage (3 lead), dual-voltage (9 lead), consequent and salient pole connections. The student will be able to rewind motors afloat and ashore under normal conditions with limited supervision. PREREQUISITES: E-4 or below and a graduate of EM (A) School or EM E-5 and above, and have a rewind facility at present command. (If attending under PCS orders, next duty station must have a rewind facility.) All other Department of Defense personnel must have basic electrical theory equivalent to Electrician s Mate Class "A" School. Note: PO-73 - COURSE REQUIRES FOOT PROTECTION. STEEL TOED SAFETY SHOES/BOOTS ARE REQUIRED FOR THIS COURSE. IT IS THE STUDENT S RESPONDSIBILITY TO PROVIDE THEIR OWN SAFETY SHOES/BOOTS. SAFETY SHOES CAN BE PURCHASED AT THE NAVY EXCHANGE ON BASE AT A COST OF APPROXIMATELY 50 TO 75 U.S. DOLLARS. SOME COURSES ALSO REQUIRE COVERALLS.

PRE-REQUISITE:

COURSE NOTES:

P131101	A-662-0121	U	PPL FFG-7 AUX ELECT SYS	14w	PSS4	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

Trains personnel to operate and perform corrective and preventive maintenance at the organizational level on Auxiliary Electrical System components installed on FFG-7 Class ships. Comprised of the following Navy Training courses: FFG-7 AUXELECSUB A-652-0172 FFG-7 AUXELECSYS A-652-0215 FFG/DD 60/400 HZ A-652-0243 FFG-7 DEG MAINT A-690-0078

PRE-REQUISITE:

COURSE NOTES:

P131351	A-100-0141	U	FIRE CONTROLMAN A STRAND	14w	PSS2	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

This training prepares the personnel for entry into Fire Control Class "C" schools by providing the level of training that will be required by the technician as a prerequisite to higher learning. The course provides the type of training and the methodology which is more individualized training using Computer Aided Instruction (CAI) and VISTA Simulated equipment. Prerequisite MASL: APPRENTICE TECH TRAINING (ATT) P139013 / CIN A-100-0106

PRE-REQUISITE:

COURSE NOTES:

P131378	C-100-2018	U	AV TECH O LEVEL A1 STRAND	6w	PNTP	Pensacola, FL
ECL:	75A			**EIMET:**	No	

AVIONICS TECHNICIAN O LEVEL CLASS A1 - STRAND To provide knowledge and skills in avionics systems maintenance. This knowledge will enable them to assimilate, under direct supervision, further organizational level avionics maintenance training at the apprentice level. The course covers:1. RF COMMUNICATIONS: RF communications, transmitter/receiver fundamentals, block diagram/signal analysis, troubleshooting the AM transceiver, antennas/transmission lines, fiber optics, IR, laser, basic avionics systems.2. COMMUNICATIONS and NAVIGATION SYSTEMS: ADF, TACAN, Doppler navigation, AHARS, INS, ACLS, ICS/UHF, HF VHF, crypto, IRC, SLU, IFF, fire control systems, ASW, EA.3. RADAR: Principles of RADAR, maintenance instruction manual, inspection, and physical security, airborne search radar, synchronizer, indicator, transmitter, receiver, antenna, troubleshooting the radar.4. WIRING: Basic integrated systems, wiring diagrams.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P131379	C-100-2017	U	AV TECH I LEVEL A1 STRAND	17w	PNTP	Pensacola, FL
ECL:	75A			**EIMET:**	No	

AVIONICS TECHNICIAN I LEVEL CLASS A1 - STRAND Provides knowledge and troubleshooting skills in electricity/electronics, communications and RADAR. This knowledge will enable them to assimilate, under direct supervision, further intermediate level avionics maintenance training at the apprentice level. The course covers: 1. MATHEMATICS for ELECTRONICS, AC CIRCUIT ANALYSIS: Mathematics used to solve electronic problems, RL circuit analysis, RC circuit analysis, LCR circuit analysis, digital devices, amplifiers, rectifiers, filters and voltage dividers. 2. DIGITAL LOGIC CIRCUITS: Flip-Flops, Multivibrators, Registers, Clocks and Counters, Adders, Subtractors, Multipliers, Dividers, Microprocessors, Microprocessor Signal Analysis. 3. RF COMMUNICATION: RF Communications, Transmitter/Receiver Fundamentals, Block Diagram/Signal Analysis, Troubleshooting, Signal Tracing, AM Transceiver, AM Receiver, AM Transmitter, FM.4. RADAR: Syncros, Servos, Gyros, INS, Solid State Devices, Physical Security, Airborne Search Radar, Synchronizer, Receiver, Indicator, Transmitter.

PRE-REQUISITE:

COURSE NOTES:

P131380	C-602-2039	U	AE A1 STRAND	8.2w	PNTP	Pensacola, FL
ECL:	75A			**EIMET:**	No	

To provide selected students with fundamental knowledge and skills required to perform scheduled and unscheduled maintenance on Naval aircraft electrical and electronic instrument systems under limited supervision. Course is designed to prepare them for entry into further training in specific platforms. School completion qualifies the student as an Aviation Electrician's Mate. BASIC AVIATION ELECTRICAL TROUBLESHOOTING, WIRE REPAIR, AND SAFETY PRACTICES. Familiarization in aircraft electrical power generation, regulation and distribution, basic aircraft instrumentation, indicating systems, electro-hydraulic functions and automatic flight controls with a strong emphasis placed on schematic interpretation and signal tracing. Additional topics include maintenance publications, documentation, quality assurance, and maintenance concepts.

PRE-REQUISITE:

COURSE NOTES:

P131384	A-100-0110	U	AT I APPREN TECH (AEC)	4.6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

ATI APPRENTICE TECHNICAL TRAINING The Apprentice Technical Training course will offer entry-level training for the AT rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Scope: Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

P131385	A-100-0112	U	AT O APREN TECH (AEC)	6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

ATO APPRENTICE TECHNICAL TRAINING (AT O ATT) The Apprentice Technical Training course will offer entry-level training for the AT rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P131386	A-100-0111	U	AO APPREN TECH (AEC)	1.2w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

AOAPPRENTICE TECHNICAL TRAINING (AO ATT) The Apprentice Technical Training course will offer entry-level training for the AO rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Scope Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

P131387	A-100-0109	U	AE APPREN TECH (AEC)	6.4w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

AEAPPRENTICE TECHNICAL TRAINING (AE ATT) The Apprentice Technical Training course will offer entry-level training for the AE rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

P131388	A-100-0113	U	AS APPREN TECH (AEC)	3.2w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

AS APPRENTICE TECHNICAL TRAINING (AS ATT) The Apprentice Technical Training course will offer entry-level training for the AS rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

P131389	C-100-2021	U	AVIATION WARFARE APPREN	1.6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

AVIATION WARFARE APPRENTICESHIP TRAINING This course is designed to provide selected Navy and Marine personnel with basic knowledge and skills in Aviation fundamentals. This knowledge and skill level will enable new aviation personnel to continue their aviation maintenance training to the apprenticeship level. Scope: Topics include electrostatic principles, discharge/electromagnetic interference principles/ procedures, safety wiring procedures, and CPR. Note: This course is being converted to a lockstep course requiring 8 work days plus weekends/holidays . Please allow at least 12 days for this course in your programming.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P132000	A-670-0064	U	VERTICAL AND SHORT TAKE-OFF AND LANDING OPTICAL LANDING SYSTEM MAINTENANCE (VSTOL OLS)	2w	PSS2	Great Lakes, IL
ECL:	70			**EIMET:**	No	

Provide Interior Communications Electricians in paygrades E-3 through E-6 with the knowledge and skills required to operate the system in all modes. Preventive maintenance will be accomplished in accordance with Ships Maintenance and Management (3-M)system directives. Also, provides the ability to perform all authorized system operating and maintenance procedures, under limited supervision on board Naval Vessels, for all ship readiness conditions, in port and underway. Scope: The Sailor will be taught the following tasks: Perform designated scheduled maintenance. Perform organizational level corrective maintenance in accordance with NAVAIR equipment technical manuals, troubleshoot system malfunctions and replace faulty units to the printed circuit card or subassembly level.

PRE-REQUISITE: IC3 (Advanced Technical Field) with a final average of 85 or above from Class "A" school.- RATE IC- NEC 4779 VERTICAL SHORT TAKE-OFF AND LANDING OPTICAL LENS SYSTEM (VSTOL OLS) EFF DATE: 11-JUL-1998

COURSE NOTES:

P132001		U	AN/USQ-82V FIBER OPTIC SYS	8w	PAG	Dahlgren, VA
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P132004	A-100-0103	U	IC APPRENTICE TECH (AEC)	8.8w	PSS2	Great Lakes, IL
ECL:	75			**EIMET:**	No	

The Apprentice Technical Training course will offer entry-level training for the IC IC APPRENTICE TECHNICAL TRAINING rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, and other associated devices and sub-systems. SCOPE: Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES: This is the prerequisite course for P132104 - IC-A-SCHOOL - A-623-0105

P132007	A-100-0130	U	PPL IC APPRENTICE TECH	7.8w	PSS2	Great Lakes, IL
ECL:	75			**EIMET:**	No	

IC APPRENTICE TECHNICAL TRAINING VIRTUAL PATH The Apprentice Technical Training Virtual Training Path will offer entry-level training for the IC rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. SCOPE: Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

P132010		U	UNIT ENHANCEMENT TRAINING	2w	PMBC	
ECL:	70			**EIMET:**	No	

This course will introduce selected International Military Student (IMS) personnel to USMC small unit tactical procedures. This course of instruction will emphasize individual and small unit tactical fire and maneuver; including formations, weapons employment, communications, fire support coordination, and control measures. Upon completion of this course, IMSs will have acquired sufficient knowledge of USMC small unit tactical procedures to enable their participation in joint exercises.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P132054	A-623-0099	U	FFG-7 IC SUBSYS TECH	6w	PSS2	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

Provides Interior Communications Electrician personnel with technical knowledge and skills required to perform operational, preventive and corrective maintenance to the organizational/component level on FFG-7 class ship IC related navigational equipment. Includes theory, operational procedures, organizational level maintenance and repair of the FFG-7 class ship IC related navigational systems, covering the following equipment: a. Dewey Underwater Log MK6 MOD2 b. FFG-7 Class Ship Control Console c. MK1 MOD1 Stabilized Glide Slope Indicator d. MK27 MOD1 Gyrocompass e. MK6 MOD1 DRA/MK6 MOD4 DRT.

PRE-REQUISITE:

COURSE NOTES:

P132104	A-623-0105	U	INTERIOR COMM ELECT CL A	7.2w	PSS2	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

Provides personnel with the basic knowledge and skills necessary to operate, maintain and repair IC equipment and systems at the apprentice level as part of a ship s IC work center and under the direct supervision of a senior IC Electrician. Includes description of basic maintenance and repair procedures for various Interior Communications (IC) equipment. This course is structured around a simulated shipboard trainer allowing the student true hands-on experience with equipment and systems they will find in the Fleet.

PRE-REQUISITE: P132004 - "IC-ATT" A-100-0103

COURSE NOTES:

P132331	A-101-0258	U	HIGH FREQ SYS TECH	10w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

Trains personnel in the knowledge and skills to perform corrective and preventive maintenance on exterior shipboard HF communication system and equipment. Provides detailed theory of operation, fault isolation procedures, corrective and preventive maintenance of shipboard exterior HF communication system and equipment. 1. AN/URT-23 2. AN/URA-38 3. AN/URA-17 4. R-1051/URR 5. CV-2460 6. R-2368/URR. Also provides basic theory of operation, fault isolation procedures and familiarization with HF communication System. 1. Patch Panels 2. Switching Devices 3. Basic System Operation 4. Basic System Maintenance. TRAINING DELIVERY METHOD: AUTOMATED ELECTRONIC CLASSROOM (AEC) - TRAINING IN A TECHNOLOGY ENHANCED FACE-TO-FACE CLASSROOM SETTING THAT MAY INVOLVE USE OF ELECTRONIC EQUIPMENT.

PRE-REQUISITE:

COURSE NOTES:

P133025	C-222-2010	U	AIR TRAFFIC CONTRL AC A1	16w	PNTP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Provides selected Navy enlisted and Marine Corps aviation enlisted and officer personnel with the basic tower and radar control knowledge to meet the requirements of the Federal Aviation Administration (FAA) for certification and the technical knowledge which, when followed by the appropriate practical application and experience, will lead to the fulfillment of the technical requirements at the apprentice entry level for the air traffic controller. This course covers the fundamentals and systems of air traffic control and provides the basic simulated operational application experiences that are prerequisite to functioning as an apprentice air traffic controller in a base operations, control tower and/or terminal radar environment. The course of instruction sequentially covers/provides for: 1. FAA Certification study material and administration of the FAA Airman Written Test (Control Tower Operator) 2. Control Tower Operations 3. Terminal Radar Procedures 4. Base Operations.

PRE-REQUISITE:

COURSE NOTES:

P133026	C-222-2022	U	ADV RADAR AIR TRAF CONTROL	4w	PNTP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Provides selected Air Traffic Control personnel with advanced knowledge in airspace management, navigational equipment, basic knowledge in Terminal Instrument Approach Procedures (TERPS) and the technical knowledge and practical application of procedures used at various control positions of a Radar Air Traffic Control Facility. This course of instruction, followed by the required training at a facility, will lead to an Air Traffic Control Specialist (ATCS) Rating. The Advanced Radar Air Traffic Control Course is designed to provide air traffic controllers with advanced classroom and laboratory instruction in airspace management, Fleet Area Control and Surveillance Facility (FACSFAC), Naval Air Traffic Control, Air Navigation Aids and Landing System (NAALS), airspace cases and criteria, obstruction evaluation, special use airspace, airspace for special use, airspace proposal, Air Installation Compatible Use Zone (AICUZ), a basic knowledge in TERPS, terminal area procedures, radar / non-radar rules and regulations.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P133027	C-222-2019	U	AMPB AIR TRAF CNTRL CEN OP	6w	PNTP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Provides selected Air Traffic Control personnel with the basic knowledge and skills necessary to perform amphibious air traffic control operations readiness, watch station, and system operation functions during amphibious air operation evolutions. The course covers the organization, directives, rules, procedures, phraseology and equipment related to an Amphibious Air Traffic Control Center (AATCC) and amphibious air operations. Topics include: Overview of Amphibious Operations; Amphibious Task Force Organization and Command Relationships; an overview of Tactical Air Control Squadron (TACRON) Operations and how they relate to operations in an AATCC; Ship Organization including pre-deployment requirements; Overview of Amphibious Air Operations including OC division responsibilities to include equipment and pre-launch brief, publications, charts, and messages used during amphibious air operations including publication and use of the Daily Air Plan; Charts used in an AATCC and airspace concerns; Watch station duties and responsibilities.

PRE-REQUISITE:

COURSE NOTES:

P133028	C-222-2012	U	AIR TRAF CNTL CEN CARRIER	6w	PNTP	Pensacola, FL
ECL:	80R			**EIMET:**	No	

To provide selected air traffic control personnel with basic knowledge and skills necessary to perform carrier air traffic control center team member air operations readiness, watch station and system operation functions during carrier air operation evolutions.

PRE-REQUISITE:

COURSE NOTES:

P134000	A-113-0206	U	CIWS MK 15 MODS 21, 22, 25	3.4w	PTCL	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Purpose: To educate and train Fire Controlmen to perform operation, preventative and corrective maintenance on Phalanx 15 Mods 21, 22, and 25 systems, subsystems and equipment, under all conditions or readiness, in port or underway. Scope: The course will provide knowledge and skills needed to operate and perform documented preventative and corrective maintenance on the CIWS MK 15 Mods 21, 22 and 25. Subjects addressed by the course include: - System Theory and Operation Description - Tracking Surface Targets With the Phalanx Thermal Imager - Tracking Surface Targets in Surface RF Mode - Tracking Air Targets with the Phalanx Therman Imager - Local Control Station Operation and Maintenance - Remote Control Station Operation and Maintenance - Phalanx Thermal Imager Operation and Maintenance - Gun Subsystem Operational and Maintenance Differences - Search Subsystems Operational and Maintenance Differences - Track Subsystem Operational and Maintenance Differences - Transmitter Subsystem Operational and Maintenance Differences - Mount Subsystem Operational and Maintenance Differences - Built in Test Equipment Differences - Control and Display Operational and Maintenance Differences - Interactive Technical Manual Use and Operation - Portable Maintenance Unit Operation and Maintenance - System and equipment theory and overview - System Level Troubleshooting - PASS multiple Operating System use.

PRE-REQUISITE:

COURSE NOTES:

P134002	A-113-0043	U	CIWS COMBINED TRAINING (DAMNECK VA)	25.4w	PTCL	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Course combines MASL P134276 and P134000 into a single MASL. CIWS MK-15 MODS 11-14, 21, 23, 25-25 O&M are inclusive in this new course.

PRE-REQUISITE:

COURSE NOTES:

P134144	A-113-0206	U	CIWS MK 15 MODS 21, 22, 25	3w	PFCS	San Diego, CA
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P134152	CIVCONTR	U	CIWS MAINTENANCE & OPERATION	10w	PWCD	Louisville, KY
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P134153	CIVCONTR	U	CIWS SPECIAL OPERATOR COURSE	2w	PWCD	Louisville, KY
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P134171	A-113-0114	U	CIWS MK-15 MOD 11/14 OP/MT	25w	PFCS	San Diego, CA
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P134276	A-113-0114	U	CIWS MK-15 MOD 11/14 OP/MT	25.4w	PTCL	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Provides the knowledge and skills necessary for the organizational maintenance, and operation incidental to maintenance of the MK-15 MODS 11-14 Close-In Weapon System. Includes training in Ordnance Safety procedures for the gun system, Technical Operation and Maintenance (O&M), Organizational maintenance in accordance with the maintenance concept of module replacement, Utilization of Built-In Test Equipment (BITE) in fault isolation and casualty analysis; Utilization of Special Purpose Electronic Test Equipment (SPETE), Peculiar Support Equipment (PSE), in fault isolation and casualty analysis, Digital equipment, solid state devices, RF transmission, receiving and processing, mechanical, hydraulic and pneumatic functional features as required by the maintenance concept of the Close-In Weapon System, Organizational maintenance of the 20 millimeter gun including load, reload and unloading procedures and Operator training incidental to maintenance..

PRE-REQUISITE:

COURSE NOTES:

P137034	A-102-0062	U	AIMS MK XII IFF SYS MT	12w	PSSN	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

Provides technical preventive and corrective maintenance training on the AIMS MK-12 IFF System for personnel assigned to afloat units. Further provides the skills and knowledge necessary to maintain various equipment of the AIMS MK-12 IFF System. Includes limited maintenance training on crypto equipment, TSEC/KIR-1C and KIT-1C.

PRE-REQUISITE:

COURSE NOTES:

P137035		U	WSVDE OPERATOR & MAINT	1w	PEDC	Simi Valley, CA
ECL:	70			**EIMET:**	No	

WIDEBAND SECURE VOICE AND DATA EQUIPMENT (WSVDE) OPERATOR & MAINTENANCE TRAINING

PRE-REQUISITE:

COURSE NOTES:

P137044	A-104-0162	U	AN/SPS-55 RADAR SET MT	3w	PSSN	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

AN/SPS-55 RADAR SET MAINTENANCE To provide maintenance and repair training for the AN/SPS-55 Radar Set. SCOPE: Provide selected students with the knowledge and skill training necessary to operate and maintain the AN/SPS-55 Radar Set without supervision. Students will be provided sufficient knowledge and skills required to perform the associated alignments, test, corrective and preventive maintenance. Performance tests, troubleshooting, corrective and preventive maintenance will be limited to the modular repair concept. PREREQUISITES: Graduate of Electronic Technician Class A School or other maintenance personnel with equivalent qualifications.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P137106	A-100-0120	U	CTT 6YO ATT (SELF-PACED)	6.4w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

The Apprentice Technical Training course will offer entry-level training for the CTT 6YO rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies.

PRE-REQUISITE:

COURSE NOTES:

P137152	A-104-0176	U	AN/SPS-49(V) RADAR SET MT	12w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

Provides maintenance training on the AN/SPS-49(V)1 Radar Set which further provides the Electronic Technician with the skills and knowledge to perform preventative and corrective maintenance under normal operating conditions.

PRE-REQUISITE:

COURSE NOTES:

P137159	A-102-0239	U	AN/URN-25 TACAN MAINT	5w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

To provide Electronic Technicians the training required to maintain and repair the AN/URN-25, the OE-273 and the OE-258 Antennas to the modular level. SCOPE: The objective of this course is to provide the student sufficient knowledge and skill in the theory and operational procedures of the AN/URN-25 TACAN and associated antennas. The students are provided instruction on the troubleshooting and repair of the Coder/Keyer, Receiver/Transmitter, and Status Control-Indicator units of the AN/URN-25 TACAN, the OE-273(V)/URN Antenna and Antenna Control Unit, the OE-258/URN Antenna, Radio Frequency Monitor and Modulation Generator. Students will be provided sufficient knowledge and skills required to perform the associated alignments, test, corrective and preventive maintenance. Performance tests, troubleshooting, corrective and preventive maintenance will be limited to the modular repair concept. PREREQUISITES: Graduate of Electronic Technician Class (A) School or other maintenance personnel with equivalent qualifications.

PRE-REQUISITE:

COURSE NOTES:

P137162	A-104-0222	U	AN/SPS-49A 5,7,8 & MT TECH	12w	PSSN	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

AN/SPS-49(V)5,7,8 and A(V) MT TECH Designed to provide selected Electronic Technicians (ET) and other equivalent personnel with the training required to maintain the AN/SPS-49(V)5,7, 8 and A(V)1 Radar Sets under all shipboard readiness conditions, using the Built-In Test Equipment (BITE) and other associated test equipment, with no supervision. Students will be provided sufficient knowledge and skills required to perform the associated alignments, test, corrective and preventive maintenance. Performance tests, troubleshooting, corrective and preventive maintenance will be limited to the modular repair concept. The maintenance and checkout will include the ability to recognize, analyze, locate and correct malfunctions occurring in the AN/SPS-49(V)5,7,8 and A(V)1 Systems following the procedures defined in the current equipment technical manuals. PREREQUISITES: Graduate of Electronic Technician Class (A) School or other maintenance personnel with equivalent qualifications.

PRE-REQUISITE:

COURSE NOTES:

P139006		U	INTERFACE CONTROL OFFICER (ICO) OPERTL OVERVIEW	1w	PSNW	San Diego, CA
ECL:	70			**EIMET:**	No	

Description: SPAWAR San Diego operational overview of LINK 11 and LINK 16 operations in a tactical multilink environment for international students. Course is designed for senior enlisted or junior officers who will be assigned to tactical data link capable platforms. Special Notes: Training is unclassified, but students will need to be documented on the ITO as having SECRET clearances in order to enter training facility.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P139009	CIVCONTR	U	TRANSLATION SERVICES	0w	VAR	
ECL:				**EIMET:**	No	

In class language translation services tailored to the countries needs and curriculum taught.

PRE-REQUISITE:

COURSE NOTES:

P139013	A-100-0106	U	ET APPREN TECH SELF PACED	11.8w	PSS2	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

ELECTRONIC TECHNICAL APPRENTICE TRNG - SELF PACED is a Computer Aided course that includes all of the surface electronic / electricity rates. Course will include training in basic electricity/electronic theory component level troubleshooting for corrective maintenance use and interpretation of equipment manuals, operation of test/electronic equipment in accordance with technical publications. The course is designed to provide the knowledge and skills needed to prepare for rating entry level performance. SCOPE: Provides knowledge and skills in basic electricity and electronics to include: -Direct Current theory and circuit troubleshooting -Alternating Current theory and circuit troubleshooting -Analog Circuit theory and circuit troubleshooting -Digital Circuit theory and circuit troubleshooting. METHOD OF INSTRUCTION: Self-paced

PRE-REQUISITE:

COURSE NOTES:

P139015	PGAT	U	MILITARY LASER PRINCIPLES AND APPLICATIONS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

MILITARY LASER PRINCIPLES AND APPLICATIONS Review basic operating and design principles underlying laser-based military devices. Examine the operating principles of lasers with an emphasis on military systems, and get an overview of important technical issues design considerations, and environmental effects. Focus on an examination of existing military systems that incorporate lasers as a primary component. Notes: WHO SHOULD ATTEND: Engineers, Scientists, System Analysts, Technicians, Technical Managers, Procurement Decision-Makers, and Military Planners.

PRE-REQUISITE: Familiarity with basic optics and physics, such as that found in a two-semester university level introductory physics course is beneficial.

COURSE NOTES:

P139018	PGAT	U	INTRODUCTION TO MIL-STD-1553	0.4w	VAR	
ECL:	70			**EIMET:**	No	

INTRODUCTION TO MIL-STD-1553Gain a working knowledge of MIL-STD-1553, the communications standard used by the Air Force, navy, Army, NASA, industry, and other high reliability communication users. Discover what you need to know to effectively use this communications standard. Understand and apply five rules that help ensure your bus design operates efficiently. Notes: Who should attend: Electronic Warfare and Avionics Systems Engineers, Hardware/Software Design Engineers, Managers, and Employees with little or no MIL-STD-1553 Experience.

PRE-REQUISITE:

COURSE NOTES:

P139019		U	HYPERSPECTRAL IMAGING	0.6w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

HYPERSPECTRAL IMAGING Multispectral and hyper spectral imaging techniques are forms of remote imaging spectroscopy that rely on natural radiation sources in an uncontrolled environment. Explore remote spectral sensing techniques and significant technical issues associated with multispectral and hyper spectral imaging, including basic signal-processing techniques, and hyper spectral sensor design issues. Notes: Who should attend: System Analysts, Sensor Engineers, Image Analysts, Computer Scientists involved in Algorithm Development, and Technical Procurement Decision-makers.

PRE-REQUISITE: A two-semester sequence of basic physics typical of most science and engineering curricula is helpful.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P139025	CIVCONTR	U	MEDIUM DATA-RATE ACCESS PROCESSOR (MCAP)	2w	PSAI	San Diego, CA
ECL:	70			**EIMET:**	No	

The training is to use a GFE equipment called Medium Data-Rate Access Processor (MCAP) which is a Satellite Link Controller and a GFE Application package called Information Screening and Delivery Subsystem (ISDS) similar to outlook. The purpose of this arrangements is to provide a Internet Protocol (IP)path that provides of formal messaging between a Submarine and the Submarine Shore station.

PRE-REQUISITE:

COURSE NOTES:

P139030		U	SLQ-32 (V) 2 MAINTENANCE COURSE	5w	VAR	
ECL:	70			**EIMET:**	No	

The course will cover Planned Maintenance, Corrective Maintenance, Alignments, Troubleshooting/Fault Identification as well as Classroom Theory and Fundamentals of the AN/SLQ-32(V) system. The course will be a mix of classroom and hands on the actual system. The course will stress system hands-on corrective & preventive maintenance, and troubleshooting of the AN/SLQ-32(V)2. Emphasis will be placed on using the technical manuals, properly accomplishing all PMS MRCs, and multiple fault troubleshooting. This course will provide Pakistan personnel classroom (theory) and laboratory (practical) instruction in the following areas:" Passive System Overall Description, Introduction" Introduction, Countermeasures Receiving Set Equipment" Controls and Indicators" System Operability Test (SOT)" System Diagnostic Tests (SDTs)" Primary Power and AC Power Distribution, Interlocks, and Battle-short" Operator Display and Control Console (DCC)" Cartridge Tape Transport (CTT)" Digital Processing Unit (DPU)" I/O Bus Repeater (I/O)" Band 2 Emitter Processing, Introduction" Band 3 Emitter Processing, Introduction" Port & Starboard Antenna Enclosure Equipment" Semi-Omni Power Amplifier (SOPA)" Switch-able Pre-Amplifier (SWPA)" Instantaneous Frequency Converter/Multiplexer (IFM/MUX)" Course Frequency Receiver (CFR)" Band 2 Direction Finding Receivers (DFRs)" Band 2 Emitter Processing, Detailed" Band 3 Emitter Processing, Detailed" Angle Encoder" Serial Input/Output Controller (SIOC)" Digital Presorter" PMS Maintenance Requirement Cards (MRCs), AN/SLQ-32(V)2 " Overall System Troubleshooting, Multiple Faults" Passive System Overall Description, Detailed Note 1: The above courses will stress system hands-on corrective & preventive maintenance, and troubleshooting of the AN/SLQ-32(V)2. Emphasis will be placed on using the technical manuals, properly accomplishing all PMS MRCs, and multiple fault troubleshooting.

PRE-REQUISITE:

COURSE NOTES:

P139031		U	SLQ-32(V)2 OPERATOR COURSE	2w	VAR	
ECL:	70			**EIMET:**	No	

The AN/SLQ-32(V) Operator Course will provide Pakistan personnel classroom (theory) and laboratory (practical) instruction in the following areas:1. Introduction, Course schedule2. Basic Radar and EW Fundamentals 3. AN/SLQ-32(V)2 General Description 4. DCC Description a. Power Control. Tape Loading. Basic Polar Format Description i. Alert Area ii. Threat Summary iii. Close Control Area iv. Status Area v. Emitter Symbol Area vi. Data Entry and Cuing Area d. BIT Status Indicators e. Interlock Indicators f. Overload Indicators g. Audio Control group h. Upper Operator Control Group i. QWERTY Keyboard i. Band Control ii. RR iii. Filter Control5. System Turn-on/Initialization 6. Environmental Specifications 7. SOT FAB a. System Fault Alerts b. Fault Messages c. Sub fault messages d. Emitter Alerts e. CDS Alerts & Codes f. Wind/Gyro Discrepancy Alerts g. Executive Fault Alerts h. DCC Error Alerts 8. READ LIBRARY FAB a. Main library read b. Online library read 9. ANAL FAB a. Library Review b. ESM tactical specification c. RR 10. ESM INHIBIT FAB a. Inhibit Sector b. Drop Emitter c. Emitter Inhibit d. Restore Emitter 11. ALERT INHIBIT FAB 12. ESM Status Display 13. INHIBIT REVIEW FAB 14. POLAR FAB 15. TRU BRG/REL BRG FAB 16. PLTFRM CORREL FAB a. Platform review b. Manual MEC 17. DESIG ID FAB 18. SIGNAL SELECT FAB 19. LIBRARY ENTRY FAB a. Create/maintain online library entries b. Transfer to tape 20. COUNTER TARGET FAB 21. ENTRY FAB a. Manual entry of PRI/PRF b. Transfer to online c. Manual entry of Scan parameter d. Select ID Candidate e. Delete ID Candidate 22. ID RESEARCH FAB 23. CDS SEND FAB 24. OTHER CONTROLS SEQ FABHOOK FAB Stiff Stick 25. Threat Summary 26. CDS Controls 27. Operational Turn-Off The above listed topics are candidates for AN/SLQ-32(V)2 FMSR16 Operator Training. The material to be covered based on AN/SLQ-32(V) Technical Manuals and the FMSR16 System Operator's Manual (SOM).

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P139032	CIVCONTR	U	VIASAT COMMERCIAL UHF SATCOM TERMINAL RT-1829	1w	PVST	Carlsbad, CA
ECL:	70			**EIMET:**	No	

VIASAT COMMERCIAL UHF SATCOM TERMINAL RT-1829 Description: UHF SATCOM RT-1829 Operator and Maintenance TrainingRT-1829 Course Syllabus The RT-1829/VPA-100 with VNTC Control software training takes approximately three days to complete and should include no more than 6 students. The training course consists of: 1) UHF DAMA Theory Overview Presentation, 1 Day a. Satellite Overview b. Dedicated SATCOM c. 25 KHz DAMA2) RT-1829/VPA-100 Training Presentation, 1 Day a. Hardware Overview b. Dedicated Mode Software c. DAMA Mode Software d. Software Maintenance. Troubleshooting hardware and software 3) Hands-On Training, 2 Days a. Students setup RT-1829 to satellite simulator using Bit Error Test equipment for baseband data and communicate to verify proper settings b. Experience Hardware Troubleshooting (instructor inserted faults)c. Review Software troubleshooting procedures.

PRE-REQUISITE:

COURSE NOTES:

P139039		U	AN/USM-674 MODULAR TEST & REPR EQUP OPER GOLD DISC	1.8w	PFEO	Portsmouth, VA
ECL:	70			**EIMET:**	No	

To provide qualified technicians in electronics ratings with the expertise to operate and maintain the AN/USM-674 Gold Disc controller and to document and report maintenance actions for Modular Test and Repair (MTR) work station at the journeyman level on ship and shore.

PRE-REQUISITE:

COURSE NOTES:

P139224	A-101-0138	U	UHF SYSTEMS TECHNICIAN	11w	PSSN	Virginia Beach, VA
ECL:	80A			**EIMET:**	No	

To provide operation and maintenance training on the AN/WSC-3 Communications Sets, OA-9123/SRC Antenna Coupler, OE-82(Series) Antennas, the UHF Demand-Assigned Multiple Access (DAMA) system and the Officer in Tactical Command Information Exchange Subsystem (OTCIXS) and Tactical Data Information Exchange Subsystem (TADIXS) for E-2 through E-9 Electronics Technicians. SCOPE: To provide selected trainees with the knowledge and skills required to operate and maintain, under limited supervision, the AN/WSC-3 Communications Sets (including satellite and line-of-sight), the UHF Demand-Assigned Multiple Access (DAMA) and the Officer in Tactical Command Information Exchange Subsystem (OTCIXS) and Tactical Data Information Exchange Subsystem (TADIXS) to the card/module level of maintenance and to perform system level troubleshooting under normal operating conditions aboard surface ships. PREREQUISITES: OTHER=Graduates of ET "A" School or other maintenance personnel with equivalent qualifications.

PRE-REQUISITE:

COURSE NOTES:

P139233		U	CDLMS MAINTENANCE	1w	PSNW	San Diego, CA
ECL:	70			**EIMET:**	No	

COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) MAINTENANCE Course Purpose: Provide personnel with basic knowledge of Link-16 and skills to perform CDLMS system operations, troubleshooting, and maintenance procedures. CDLMS maintenance training will familiarize trainees with overall knowledge of the Purpose, Characteristics, Features of Link-16, and Network Management. Additionally, CDLMS training will describe the Link-16 Hardware, Interfaces and Support Equipment. The trainee will also be presented with familiarization of the CDLMS hardware and software components and provide an introduction to the system, operations, troubleshooting, preventive/corrective maintenance and emergency procedures. Method of teaching: Classroom and hands-on training Prerequisites: General knowledge in electronics Security clearance of Secret Normal color vision Invitational Travel Orders (ITO) required Minimum ECL Score of 70%

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P139234		U	JTIDS MAINTENANCE	1w	PSN1	San Diego, CA
ECL:	70			**EIMET:**	No	

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM Course Provide personnel with basic knowledge of Link-16 and skills to perform JTIDS operations, troubleshooting, and maintenance procedures. JTIDS maintenance training will familiarize trainees with overall knowledge of the Purpose, Characteristics, Features of Link-16, and Network Management. Additionally, JTIDS training will describe the Link-16 Hardware, Interfaces and Support Equipment. The trainee will also be presented with familiarization of the JTIDS components to include the WRAÆs and SRAÆs. Additionally, this unit describes the power and signal flow of the JTIDS cabinet and components, as well as, the troubleshooting steps and procedures for the JTIDS. Method of teaching: Classroom and hands-on training Maximum Class Size: 6 students Prerequisites: General knowledge in electronics Security clearance of Secret Normal color vision Invitational Travel Orders (ITO) required Minimum ECL Score of 70%

PRE-REQUISITE:

COURSE NOTES:

P139268		U	AN/USC-42 MINI-DAMA	2w	PSNW	San Diego, CA
ECL:	80			**EIMET:**	No	

AN/USC-42 MINI-DEMAND ASSIGNED MULTIPLE ACCESS (DAMA) Provides the knowledge and skills required to enable personnel to operate and maintain the AN/USC-42 Mini-DAMA Communications System. This course will provide the ability to: Describe the general equipment theory necessary to perform the operation of the Mini-DAMA Communications System. (i.e. UHF SATCOM Theory, DAMA theory, Line of Sight). State the purpose, function, and location of specific equipment related to the capabilities, functions, and limitations Of the Mini-Dama. Apply the principles, rules and concepts necessary to solve given problems and situations pertaining to the operation and maintenance of the Mini-DAMA. Perform normal operational and maintenance procedures such as cleaning and inspection of the AN/USC-42 Mini-DAMA. Perform Built-In Test (BIT) procedures and Manual-Fault Isolation procedures to isolate faults. Perform remove and replace procedures.

PRE-REQUISITE: General knowledge in electronics; Invitational Travel Orders required; a Security Clearance of Secret is required to access the training facility; ECL Score of 80%

COURSE NOTES:

P139276	CIVCONTR	U	UHF SATCOM SYS OPS MAINT	1w	PVST	Carlsbad, CA
ECL:	70			**EIMET:**	No	

UHF SATCOM SYS OPS MAINT - RT-18XX UHF Training provided will be for the operation and maintenance of VIASAT s RT-18XX UHF SATCOM systems. This course is for a total of eight (8) students.

PRE-REQUISITE:

COURSE NOTES:

P139285		U	LINK-16 NETWORK D&M	0.2w	PNCI	San Diego, CA
ECL:	70			**EIMET:**	No	

LINK 16 NETWORK DESIGN AND MANAGEMENT Basic introduction to network design procedures, planning and management. The full course is one week in length and consist of classroom instruction phase (3 days) and lab instruction (2 days). The 3-day classroom instruction phase can be taught as a standalone without the lab phase if desired. Upon completion of the 3-day phase, the students will have a basic understanding of Link 16 functionality, planning and management of a Link 16 architecture and use of the Joint Network Design Aid (JNDA) in designing a Link 16 network. The 2-day lab phase is actual hands on use of the Joint Network Design Aid (JNDA) software where the student is taught JNDA operator functions and procedures in designing a Link 16 network. Students planning to attend should have a basic understanding of Link 16. This course targets Officer/enlisted CIC watch officers and operators.

PRE-REQUISITE:

COURSE NOTES:

P139336	J- 2G-0213	U	EWO INTERNATIONAL	2w	PFC3	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

This course is designed to familiarize officers and selected senior enlisted personnel with the basic concepts of Electronic Warfare (EW); including the divisions of Electronic Warfare, principles of radar systems, current anti-ship capable missile threat, emission control, Electronic Warfare publications, training and the role of Electronic Warfare in anti-ship missile defense. The course is not designed to enhance performance for any specific task, rather to provide background information to assist in performance of several tasks.

PRE-REQUISITE: Students should be officers assigned or enroute to shipboard/staff electronic warfare officer duties or EW associated billets. - Prior CIC or EW experience desired but not required.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P139337		U	MOS O&M SYLLABUS	1w	PSNW	San Diego, CA
ECL:	70			**EIMET:**	No	

MIDS-ON-SHIP (MOS) OPERATOR/MAINTENANCE COURSE TRAINING SYLLABUS Location: SPAWAR Systems Center, San Diego, at the Systems Integration Facility (SIF). Unit 1.0 Link-16: This unit will enhance the trainee s overall knowledge of the Purpose, Characteristics, and Features of Link-16. Additionally, this unit will describe the Link-16 Hardware, Interfaces and Support Equipment. Note: Unit 1.0 provides the trainee with a familiarization of Link-16 that is provided in the Multi-Link Operator course. It is understood that trainees who have attended MLO have the requisite knowledge and Unit 1.0 is not applicable, hence more emphasis may be placed on equipment rather than operations. Unit 2.0 Equipment Familiarization and Troubleshooting: This unit will provide trainees with a familiarization of the MOS components to include the functions of individual components and the interfaces with support equipment. Additionally, this unit describes the power and signal flow of the MOS cabinet and components, as well as, the troubleshooting steps and procedures for the MOS system. Note: Training course is Platform dependent and will be tailored to concentrate on specific equipment to include MIDS-on-Ship (MOS) and associated interfaces. Training course outline will reflect that equipment. Prerequisites: Basic understanding of Link-16 waveform, equipment, and operations.

PRE-REQUISITE:

COURSE NOTES:

P139340	C-198-6671	U	GPETE REPAIR AND CALIBRTN	15w	PNTK	Biloxi, MS
ECL:	70			**EIMET:**	No	

Upon completion of this course, the technician will have sufficient skills, knowledge, and techniques to operate, calibrate, analyze, troubleshoot, and repair General Purpose Electronic Test Equipment (GPETE), to the lowest replaceable component/assembly under limited supervision within an Intermediate Maintenance environment. This course provides technicians with operating procedures, detailed theory of operation, calibration, and maintenance procedures for GPETE. Six functional areas are covered: Meters, Oscilloscopes, Frequency Counters, Spectrum Analyzers, Signal Generators, and power measurements. Technical training equipment will utilize various fault insertion techniques to provide realistic calibration and repair scenarios.

PRE-REQUISITE:

COURSE NOTES:

P139361	A-202-1800	U	IT 'A'	11w	PTTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

IT 'A' Purpose: This course is designed to provide the basic knowledge and skills required to enable personnel to perform at the "job entry" or apprentice level in the IT rating. Scope: Topics include execute information transfer with state-of-the-art multi-media technology such as fiber optics, digital microwave, and tactical and commercial satellites on a global basis; operate, manage and provide hardware and software support to multimedia Automated Information Systems (AIS) to include: mainframes, mini and microcomputers, Local Area Networks (LAN's), Wide Area Networks (WAN's), and telecommunication; apply diagnostic and restoral techniques utilizing knowledge of electronic and operational system theory; advise on capabilities, limitations, and condition of equipment; implement production control procedures including input/output quality control support ; implement and monitor security procedures; perform assigned mission organizational level maintenance and repair of Command, Control, Communications, Computer, and Intelligence Systems.

PRE-REQUISITE:

COURSE NOTES: NOTE: The curriculum is not Secret material but the compound and building where it is taught are classified locations thus requiring the student to have a Secret classification.

P139453	A-100-0149	U	ET A SCHOOL	19w	PSS2	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

To provide an ET with the knowledge and skills in communication and Radar areas to operate at the apprentice level. SCOPE: Provides the concepts to comprehend communications principles, radar principles, and basic troubleshooting of the following module levels: Basic Radar, Basic Communications System, and Plan Position Indicator. Troubleshooting concepts are taught through the use of Built-in Test Equipment (BITE) and General Purpose Electrical and Electronic Test Equipment (GPETE).

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P139473	C-100-0116	U	CTM ATT (SELF-PACED-AEC)	6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

The Apprentice Technical Training course will offer entry-level training for the CTM rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies.

PRE-REQUISITE:

COURSE NOTES:

P139600	A-101-0148	U	DATA LINK COMM SYS MT TECH	14w	PTCL	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

DATA LINK COMM SYS MT TECH To train selected Electronics Technicians (ET) in paygrades E1-E7 to operate, perform corrective maintenance, and selected preventive maintenance on the equipments and systems associated with CDS Data Links 4A, 11, and 16 including Joint Tactical Information Distribution Systems (JTIDS) and Command and Control Processor (C2P) and Shipboard Gridlock System. Notes: Student must possess normal color vision.

PRE-REQUISITE:

COURSE NOTES:

P141000	A-102-0052	U	AN/APX-118 TRANSPONDER SYSTEM MAINTENANCE COURSE	2w	PSSN	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

To provide technicians in the ET (E1 to E7) rating, foreign nationals or designated civilian personnel training to operate and properly maintain the AN/APX-118 Transponder System for ship and shore stations. This course will provide the technician with the knowledge and skills necessary to perform basic operation, as well as preventive and corrective maintenance at the organizational level. Training is to be received prior to reporting to a unit equipped with the AN/APX-118 Transponder System. Scope: Provides selected Electronics Technicians with the skills and knowledge necessary to maintain the AN/APX-118 (series) IFF Transponder System.

PRE-REQUISITE: Students must be ET "A" school graduates or have equivalent electronics training or experience.

COURSE NOTES:

P141013	C-600-3182	U	AIRCRAFT PAINT/FINISH	2w	PTDV	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Graduate of AV/A School or equivalent. (Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.) Scope: The course content will include the following Units of Instruction: 1. Introduction to the course. 2. Painting equipment, paints, Application Techniques, and Aircraft Markings. Upon completion of this course, the trainee will have acquired sufficient knowledge and skills of aircraft painting including, types of equipment; equipment maintenance; spray painting techniques; types of paints; techniques and methods of inspection; repair and refinishing of painted surfaces and application of aircraft markings to perform aircraft paint touch up in organization and intermediate level working environments. Prerequisites: Students are required to have a current respirator physical/fit test completed prior to convening of classes. Work in a corrosion control billet. Must show evidence of current paint physical in accordance with COMNAVAIRLANTINST 4750.5C/COMNAVAIRPACINST 4750.4. Must provide personal respirator with current Fitness Test Card. Must bring safety shoes and coveralls suitable for working with paints and sealants. Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location. Course C-600-3183 A/C Corrosion.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141043	C-600-3000	U	AV GAS FREE ENGINEERING	0.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

AVIATION GAS FREE ENGINEERING. Upon completion of this course, Quality Assurance Division personnel will have acquired sufficient formal training and skills in the certification of aviation fuel cells/tanks as Safety-for-Entry, using a gas monitor indicator under close supervision, in an Organizational/Intermediate maintenance working environment. Scope: The course content will include the following Units of Instruction: 1. Introduction to Aviation Gas Free Engineering (AVGFE) 2. AVGFE Training and Responsibilities 3. AVGFE Safety Issues and Aircraft Fuel Cell/Tank Maintenance 4. AVGFE Instruments and Calibration Procedures. Prerequisites: Designated Quality Assurance Representative, Collateral Duty/Quality Assurance Representative or personnel assigned to Quality Assurance under Quality Assurance Representative training. (Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.)

PRE-REQUISITE:

COURSE NOTES:

P141051	C-102-9408	U	SH-60F ELEC/SYS INITIAL	7.8w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

SH-60F/HH-60H ELECTRONIC SYSTEMS (INITIAL) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Electronics Technicians will have sufficient knowledge/skills including theory of operation, organizational maintenance practices, and troubleshooting procedures of the SH-60F/HH-60H Helicopter Electronic Systems to perform organizational maintenance under close supervision in the squadron working environment. Scope: The course content will include the following Units of Instruction: 1. Introduction to the Course, Publications, General Safety Procedures, and Aircraft Familiarization. 2. SH-60F/HH-60H Tactical Data Management Systems Operation, Testing, Troubleshooting, and Maintenance Procedures. 3. SH-60F/HH-60H Communication Systems Operation, Testing, Troubleshooting, and Maintenance Procedures. 4. SH-60F/HH-60H Navigation Systems Operation, Testing, Troubleshooting, and Maintenance Procedures. 5. SH-60F Mission Sensor Systems Operation, Testing, Troubleshooting, and Maintenance Procedures. 6. HH-60H Electronic Protection Systems Operation, Testing, Troubleshooting, and Maintenance Procedures. 7. HH-60H FLIR/LRD/Hellfire Systems Operation, Testing, Troubleshooting, and Maintenance Procedures 8. Introduction to the HH-60H FLIR/Hellfire System 9. Forward Looking Infrared/ LASER Rangefinder Designator System 10. CD-139/A Armament Controller-Receiver-Transmitter/CV-4326 Signal Data Converter and Hellfire System. Prerequisites: Designated AT.

PRE-REQUISITE:

COURSE NOTES:

P141053	C-602-9409	U	H-60 EL/INST FLT/MT INITL	7w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

H-60 ELECTRICAL/INSTRUMENT AND FLIGHT CONTROL SYSTEMS (INITIAL) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Electrician Mates will have sufficient knowledge/skills, including the theory of operation, organizational maintenance practices, testing and troubleshooting of the H-60 Electrical/Instruments and related systems to perform organizational maintenance, under close supervision, in the squadron working environment. Scope: This course covers: 1. Introduction to the Course, Publications, Safety and Aircraft Familiarization 2. Electrical Power and Lighting Systems 3. Instrument Systems 4. Fuel Systems 5. Engine Systems 6. Main Transmission and Rotor Brake Systems 7. Landing Gear and Related Systems 8. Environmental Control Systems 9. Utility Systems 10. Hydraulic Power Systems 11. Flight Reference Systems 12. Stabilator Systems 13. Automatic Flight Control Systems 14. Flight Reference System and Digital Automatic Flight Control Systems Prerequisites: Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.

PRE-REQUISITE:

COURSE NOTES:

P141054	C-102-4017	U	AN/ARC-182 (V) COMM EQUIP	1.6w	PTDO	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

AN/ARC-182 (V) COMMUNICATION EQUIPMENT INTERMEDIATE MAINTENANCE Upon completion of this course, Avionics Electronics Technicians will have sufficient knowledge/skills, including safety, system analysis, and troubleshooting techniques, to perform under minimum supervision, intermediate maintenance on the AN/ARC-182 (V) communication Equipment in the Aircraft Intermediate Maintenance Department working environment. Scope: The course content will include the following Units of Instruction: 1. AN/ARC-182 (V) Communication Equipment 2. AN/ARC-182 (V) Communication Equipment Testing and Troubleshooting. Prerequisites: Graduate of AV (Class A1) School or equivalent. (Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.)

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141055		U	P-3C UDIII/AIP P-3 ENG GRD	2w	PVPJ	Jacksonville, FL
ECL:	75			**EIMET:**	No	

Provide maintenance personnel with the basic fundamentals needed to perform normal and emergency procedures to safely preflight, post flight, and operate the P-3 aircraft for ground maintenance turns. Provides the minimum training necessary for maintenance personnel to become T-56 engine ground turn operators. Curriculum covers review of P-3 aircraft systems and normal and emergency procedures. Course stresses adherence to both standard operating procedures outlined in NATOPS and current maintenance instructions. No attempt will be make to PQS qualify personnel at the FRS.

PRE-REQUISITE:

COURSE NOTES:

P141059	C-600-3210	U	SENIOR ENL AV MAINT	1.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Senior Enlisted Aviation Maintenance Control/Production Control Supervisors, will have sufficient knowledge of the Maintenance Control and Production Control work center operations to successfuly manage and direct, under supervision, organizational and intermediate level maintenance in an operational environment. SCOPE:Course Overview: 1. Introduction to Maintenance and Production Control 2. Administration and policy issues 3. Maintenance management strategies 4. Logs and records 5. Functional support 6. Resources.

PRE-REQUISITE: Navy E-7 and above (waiver may be granted for E-6 personnel filling a Maintenance or Production Control billet), Marine Corps E-5 and above.

COURSE NOTES:

P141065	C-198-3034	U	I LEV CALIB PHASES B&D	4w	PNTK	Biloxi, MS
ECL:	70			**EIMET:**	No	

Upon completion of this course, Navy and Marine Corps technicians will have sufficient knowledge/theory to perform, under limited supervision, Intermediate Level Calibration of Physical/Dimensional Test and Measuring Systems in an intermediate maintenance environment. This course covers: 1) Physical/Dimensional Calibration Course Indoctrination 2)Pressure and Vacuum Measurement/Inflator Instrument Calibration 3) Torque/Force/Tension Measurement Instrument Calibration 4) Dimensional measurement Instrument Calibration.

PRE-REQUISITE:

COURSE NOTES:

P141093	C-102-9407	U	SH-60 ELEC/SYS CAREER	3.4w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

SH-60F/HH-60H ELECTRONIC SYSTEMS (CAREER) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Electronic Technicians will have sufficient knowledge/skills, including theory of operation, organizational maintenance practices, and troubleshooting procedures of the SH-60F/HH-60H helicopter electronic systems to perform organizational maintenance in the squadron working environment. Scope: This course covers: 1. Introduction to the Course, SH-60F/HH-60H Integrated Weapons System Avionics Suite, and Power Distribution. 2. SH-60F/HH-60H Integrated Weapons System Operation, Interface, Testing, and Troubleshooting. 3. SH-60F/HH-60H Advanced Sonar and Cable Angle Theory, Testing, Troubleshooting, and Maintenance Procedures.

PRE-REQUISITE:

COURSE NOTES:

P141095	C-602-3770	U	LASER SAFETY FUNDAMENTALS	0.2w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

PURPOSE: Upon completion of this course, Aviation Electrician, Aviation Structural Mechanics, Aviation Ordancemen, Aviation Electronics Technicians and Aircrew Survival Equipmentmen will have sufficient knowledge and understanding of laser safety to effectively support a laser safety program wherever lasers are utilized.

PRE-REQUISITE: Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location. PREREQUISITES RATE AM PREREQUISITES RATE AE PREREQUISITES RATE AO PREREQUISITES RATE AT PREREQUISITES RATE PR

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141096	C-602-4410	U	H-60 WIRE SYSTEM REPAIR ORGANIZATIONAL MAINTENANCE	0.8w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

PURPOSE :Upon completion of this course, the Avionics Technician will have sufficient knowledge/theory of the SH-60 helicopter wiring and connector repair, including the use of applicable support equipment, to perform, under supervision, organizational maintenance in the squadron working environment. SCOPE: This course covers: H-60 Wire System Repair.

PRE-REQUISITE: Graduate of AE, AT, AO class "A1"school or equivalent. PREREQUISITES RATE AE PREREQUISITES RATE AO PREREQUISITES RATE AT

COURSE NOTES:

P141097	C-601-9408	U	H-60 POWERPLANTS & RELATED SYST (INITIAL) ORG MAIN	6w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates will have sufficient knowledge and skills of the H-60 Power plants and Related Systems Equipment, including operation, testing, maintenance, troubleshooting and repair procedures to perform, under limited supervision, organizational maintenance in the squadron working environment both ashore and afloat. Scope: This course covers: 1. Introduction to NAMTRAGRUDET and the H-60 Helicopter. 2. H-60 Power plant Systems. 3. H-60 Main/Tail Rotor Systems. 4. Power Train Systems. 5. Auxiliary Power Unit (APU) and Related Systems. 6. Airframe Fuel Systems. 7. H-60 Vibration Analysis Test Set (VATS).

PRE-REQUISITE: AT Rating

COURSE NOTES:

P141098	C-602-4412	U	MH-60S ELECTRICAL (INITIAL) ORGANIZATIONAL MAINTEN	5.8w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

MH-60S ELECTRICAL (INITIAL) ORGANIZATIONAL MAINTENANCE TRAINING Description: Upon completion of this course, Aviation Electrician Mates will have sufficient knowledge/skills, including operation, testing, troubleshooting, and repair procedures, to perform, under supervision, organizational maintenance on MH-60S electrical systems in the squadron working environment.

PRE-REQUISITE: AE Rating

COURSE NOTES:

P141103	C-102-1111	U	MH-60S AVIONICS (INITIAL) ORGANIZATIONAL MAINT	5.8w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

MH-60S AVIONICS (INITIAL) ORGANIZATIONAL MAINTENANCE TRAINING Description: Upon completion of this course, Aviation Electronics Technicians will have sufficient knowledge/skills, including theory of operation, organizational maintenance practices, and troubleshooting procedures of the MH-60S helicopter avionics systems to perform organizational maintenance under close supervision in the squadron working environment. Course overview: COURSE INTRODUCTION, CONTROLS AND DISPLAYS SYSTEM, DATA HANDLING SYSTEM, COMMUNICATION SYSTEM, NAVIGATION SYSTEM, and RADIO NAVIGATION SYSTEM

PRE-REQUISITE: Be a graduate of AT "A" School.

COURSE NOTES:

P141106		U	F/A-18 SPECIAL TRACK TRNG	1w	PARJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

USN depot level maintenance training at NAVAIR Depot Jacksonville, FL. D-level maintenance training on F404 engine and related components and accessories, as well as various F/A-18 aircraft systems and components assigned to NAVAIR Depot Jacksonville as designated repair point (DRP) for USN. Training provided as On the Job Training (OJT) on the USN processes and procedures used to check, test and repair configurations used by USN. NOTE: All OJT scheduled is subject to change based on production workload and available resources.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141116	C-602-3084	U	AIR REFUELING STORE MODEL 31-301 REPAIR TECH	1.2w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

AIR REFUELING STORE MODEL 31-301 REPAIR TECHNICIAN Purpose: Upon completion of the course, Aviation Electrician's Mates, Aviation Machinist's Mates, Aviation Hydraulic Mechanics, and Aviation Structural Mechanics will have sufficient knowledge/theory of the Air Refueling Store Model 31-301 operational and maintenance procedures, including testing and troubleshooting, and servicing, to perform under close supervision, Organizational/Intermediate maintenance in the squadron/AIMD working environments. Scope: This Course content includes the following Units of Instruction: 1. Introduction to the Course and Publications pertaining to the ARS Model 31-301 2. Air Refueling Store Model 31-301 3. Maintenance and Troubleshooting of the Air Refueling Store Model 31-301

PRE-REQUISITE:

COURSE NOTES:

P141118		U	MH-60 COMPOSITE TRAINING COURSE	3w	PNNI	San Diego, CA
ECL:	70			**EIMET:**	No	

MH-60 COMPOSITE TRAINING COURSE This course is an "I" level repair course, with the focus on damage engineering disposition where the activities take ownership for their composite components and fix them. Intense hands on repair, on actual aircraft components.

PRE-REQUISITE:

COURSE NOTES:

P141119	C-601-4866	U	F414-GE-400 ENGINE INTERMEDIATE MAINTENANCE	2.8w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

F414-GE-400 ENGINE INTERMEDIATE MAINTENANCE Upon completion of this course, Aviation Machinist Mates will have sufficient knowledge/skills to perform I-3 maintenance on F414-GE-400 engines. SCOPE This course covers: 1. Engine familiarization 2. Engine systems familiarization 3. Engine module removal and installation 4. Engine top halfing and FOD repair.

PRE-REQUISITE:

COURSE NOTES:

P141121	C-821-2010	U	AVIATION BOATSWAINS MATE FUELS CLASS A1	3w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

AVIATION BOATSWAINS MATE FUELS CLASS A1PURPOSE: To train selected enlisted personnel, E-1 through E-4, to perform the duties of an apprentice level fuel systems operator and aircraft refueling crewperson both ashore and afloat. SCOPE: To provide instruction in the operation and preventive maintenance of shipboard automotive gasoline and JP-5 fuels systems and its related equipment, quality control, portable safety equipment and the Maintenance, Material, and Management (3-M) system. PREREQUISITES OTHER: Vision corrected to 20/20. Normal color perception. Normal hearing. Volunteer for aviation duty. Mechanical experience, training or aptitude are desirable qualifications for this course. No medically diagnosed adverse reaction to petroleum products. PREREQUISITES RATE AA, AN, AR

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141123		U	F/A-18 BONDED JOINT ANALYSIS METHODOLOGY (BJAM)	1w	PNNI	San Diego, CA
ECL:	70			**EIMET:**	No	

BJAM is the USN F/A-18 accepted methodology for analyzing metal-to-metal, composite-to-composite, and metal-to-composite bonded repairs. The methodology encompasses all aspects of a typical bonded joint to include fail-safe analyses, patch strength analyses, repaired skin analyses, and the actual bondline analyses. Upon completion of this week long course, the students should obtain the required exposure into the theory, they should understand bonded design application, and they should be cognizant of the critical failure modes associated with a bonded joint. Detailed Description: During the F/A-18 materials bonded joint qualification program, an interlaminar first ply skin failure mode was observed for double lap shear specimens at cold/dry and room temperature/dry environmental conditions. This failure mode was attributed to the interlaminar skin strength being lower than the adhesive shear strength at these critical environmental conditions. The observed first ply skin failure resulted in lower than expected joint strength since the full plastic capability of the adhesive was not achieved. A cohesive failure mode was observed for the hot/wet specimens because the skin interlaminar shear strength at the hot/wet environment is higher than the adhesive strength. A significant amount of empirical testing and analyses were performed to quantify the appropriate adhesive material allowables and correction factors at all critical environments under the appropriate loading parameters for standard geometric repair configurations. The results of this testing and analyses defined the parameters and set the baseline for the new improved F/A-18 bonded repair methodology titled "Bonded Joint Analysis Methodology," also known as BJAM. The course is based on the theory from manuals MDC 97A0107, Rev B and BOE-STL 98A0089, Rev A.

PRE-REQUISITE:

COURSE NOTES:

P141124		U	RTCASS AN/USM702 OPERATION & MAINTENANCE DIFFERENC	4w	PTDO	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Upon completion of this course USMC and USAF Avionics Technicians will have sufficient knowledge and skills, including operation, testing, troubleshooting, maintenance, and repair of the RTCASS and SMAT/CAL OTPS.

PRE-REQUISITE:

COURSE NOTES:

P141125	C-601-9973	U	F/A-18 PP & REL SYS (INITIAL) ORG MAINT	2.8w	PTDO	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates and/or the Marine Corps equivalent will have sufficient knowledge to operate and perform, under supervision, organizational maintenance on the F/A-18 Aircraft Fuel System, Secondary Power System, and Engine System, including the applicable test equipment and Support Equipment (SE), in the squadron working environment. SCOPE: This course covers:1. Introduction to the F/A-18 2. F/A-18 Engine Systems Description and Operation 3. F/A-18 Maintenance with Testing and Troubleshooting 4. F/A-18 Throttle System with Borescope Familiarization 5. F/A-18 Unscheduled Maintenance with Secondary Power System 6. F/A-18 Secondary Power Unscheduled Maintenance 7. F/A-18 C/D Fuel System Description and Operation 8. F/A-18 C/D Fuel System Testing and Troubleshooting 9. F/A-18 C/D Fuel System Maintenance 10. F/A-18 A/B Fuel System Notes: STUDENTS SHALL REPORT TO BLDG 223, ROOM 131.

PRE-REQUISITE:

COURSE NOTES:

P141127		U	F404 ENGINE CONTROLS COURSE (LEVEL IV)	1w	PGEC	Cincinnati, OH
ECL:	80			**EIMET:**	No	

F404 ENGINE CONTROLS COURSE (LEVEL IV) This course is recommended for: Instructors, Engineers, and Maintenance Technicians requiring in-depth knowledge of F404 Engine Systems and Controls. This course is theory and philosophies; no LRU's or hands-on maintenance will be performed. Description:This ATA 104 level IV course provides the information necessary to understand the engine controls / systems and aircraft interface philosophies.OBJECTIVES: After successful completion of the course, the participant should be able to:" Describe in depth systems operation.OUTLINE:" Control System Study - Electrical and Hydromechanical" Detailed discussion of hydromechanical and electrical control system functions including speed scheduling, accel schedules, steady state and transient operation and limit functions." Component Training sections include:---Basic description of operational functions, features, installation, internal design and schematic---Main fuel control---Main fuel pump---Afterburner fuel control---Afterburner fuel pump---Ven Hydraulic power unit---Ven actuator---Ven position transmitter---Power lever control---Fan VG actuator---Compressor VG actuator---Fuel flow transmitter---Check and drain valve---Fan speed transmitter---Fan inlet temperature transmitter---Flame sensor---Ignition exciter---Alternator---Thermocouple harness---F404 Operation & Troubleshooting---Engine Control System Description---ECA Assembly

PRE-REQUISITE: Course Prerequisite Text Text:

COURSE NOTES: Course Intl Notes:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141128	C- 4D-2001	U	ADV AVIATION MAINTENANCE MGMT OFFICER COURSE	5.8w	PNGW	Milton, FL
ECL:	80			**EIMET:**	No	

ADV AVIATION MAINTENANCE MGMT OFFICER COURSE (CBT) PURPOSE: To provide knowledge of logistics support and advanced managerial responsibilities, under conditions of readiness, both ashore and afloat in preparation of assignment to senior staff positions at TYCOMs, AIMDs, and CAGMOs. Training is necessary to permit the AMO to transition to the senior position with prior knowledge of what is expected leading to more efficient individual performance earlier in the assignment period. SCOPE: Senior Lt/Capt (USMC) (O-3) in zone for promotion and LCDR/Major (O-4) USN and USMC maintenance officers (AMOs). Paygrades O-3/4 USN and USMC.

PRE-REQUISITE:

COURSE NOTES:

P141134	C-603-9530	U	P-3 STRU HYD PWR & FLT CTL	1.2w	PTDW	Oak Harbor, WA
ECL:	70			**EIMET:**	No	

P-3 STRUCTURES HYDRAULIC POWER AND FLIGHT CONTROLS (INITIAL) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Structural Mechanics will have sufficient knowledge/skills of the P-3 aircraft structures, hydraulics, and flight controls, to perform, under close supervision, organizational maintenance in the squadron working environment. Scope: This course covers: 1. P-3 Publications/Structures. 2. P-3 Systems Familiarization and Maintenance Requirement Cards (MRCs). Prerequisites: Designated AM rating. Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.

PRE-REQUISITE:

COURSE NOTES:

P141145	C-602-9407	U	H-60 EL/INST FLT/MT CAREER	2w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

H-60 ELECTRICAL/INSTRUMENTS AND AUTOMATIC FLIGHT CONTROL SYSTEM (CAREER) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Electrician Mates will have advanced knowledge and skills in the theory of operation, and in the testing and troubleshooting of the H-60 aircraft that will enable them to perform organizational maintenance in the squadron working environment. Scope: This course covers: 1. Introduction to the Course 2. Fuel Systems 3. Advanced Theory and Troubleshooting of the Blade Fold System 4. Engine System Troubleshooting 5. Flight Control Systems Theory and Troubleshooting. Note: Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141147	C-822-2010	U	AVIATION BOATSWAIN MATE AIRCRAFT HANDLING	4w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Class A1 provides selected personnel, (E-1 through E-4) with the technical knowledge and basic skills to perform the duties of an apprentice aircraft handler, crash and salvage firefighter, operation of aircraft handling equipment,and carrier deck firefighter, under qualified supervision, at their ultimate duty station (sea or shore) under all conditions of readiness.Scope: The course is designed to provide the student with the basic skills and the fundamental knowledge necessary to handle aircraft aboard ship and shore, as well as training on the hazardous materials found in aircraft. The students also receive training on the Gas Turbine Compressors, MK1 life preservers, Aircraft Elevators, Non-Skid and Visual Landing Aids. The course is also designed to provide the students with the fundamental knowledge necessary to inspect and operate Ground Support Equipment.LOCATION INFO: Student must have 12 months obligated service upon graduation.

PRE-REQUISITE:

COURSE NOTES: All students must report with a full sea bag, within current height/weight and/or body fat standards, and report 48 hours prior to class convening date to facilitate high risk screening. For more information call, COMM: (850) 452-7600, DSN: 922-7600. After hours call NATTC Duty Office, COMM: (850) 452-7300, DSN: 922-7300. MEDICAL CRITERIA FOR PARTICIPATION IN FIREFIGHTING TRAINING 1. An individual will be immediately disqualified from live firefighting training if he/she: a. has bone fractures, any sprains, or has a splint or cast. b. has a hernia. c. is pregnant. d. has been treated for pneumonia, bronchitis, or asthma within the last 10 days. e. has consumed any form of alcohol since midnight. f. has had less than 4 hours sleep, since midnight. g. has conjunctivitis (eye infection). 2. The following conditions require medical evaluation and a medical decision rendered regarding suitability for training prior to a student's participation in live firefighting training if he/she: a. has had or is currently being treated for high blood preasure, heart disease, or stress-related chest pains. b. has had surgery or a post-operative procedure within the last 10 days. c. is on limited/light duty, has had a tooth extracted within the last 72 hours. d. is out of height/weight or body fat standards. e. is unable to participate in or complete the Physical Readiness Test (PRT). f. is taking any prescription or over the counter medication. g. has hypotension (low blood pressure) or hypoglycemia (low blood sugar). h. has any open cuts, stitches, or new tattoos (within the past 72 hours). i. has nasal congestion or an ear, nose or throat infection. j. has a history of heat exhaustion or heat stroke. k. has not been briefed on necessary hydration procedures. l. has tested positive for either Sickle Cell Trait or G6PD. m. is sunburned, or has any other recent skin burns. n. has any petroleum-based/flammable products in their hair. o. has any prosthetic plastic or metal joints. p. has any other illness/injury not covered above. q. medical status has changed since initial command or last school screening. 3. For those students who are OUT OF STANDARDS IAW OPNAVINST 6110.1D the following applies: a. If student has no other medical problems that may prevent him/her from participating in the Physical Readiness Test (PRT), then a corpsman assigned to the firefighting school has the option of authorizing participation or referring the individual for further medical evaluation. b. If the student answers "yes" to any questions in Section B of OPNAV 6110/2 (Rev. 1-88), Risk Factor Screening/Physical Readiness Test Results, he/she must be referred to medical for evaluation. c. If the student is unable to participate in or complete the PRT, they must be referred to medical for further evaluation. 4. Students must have their medical records with them to attend this course. 5. All individuals shall be given a brief regardingthe proper hydration procedures. 6. When a student reports for training with a listed condition, the parent command is required to provide evidence of a medical evaluation specifically stating the student's medical suitability for firefighting training. Additionally, the parent command is to certify that all student's attending firefighting training are medically suitable for participation. This does not alleviate the school from conducting a complete medical screening utilizing CNET 6100/3 (7-95) questionnaire. The fire school corpsman shall conduct all medical screenings and shall consult with the Director of the Firefighting School in making the final decision regarding student suitability/unsuitability for participation in firefighting training.

P141148	C-601-3139	U	J52 ENGINE FIRST DEGREE INTERMEDIATE MAINTENANCE	4.6w	PTDW	Oak Harbor, WA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates will have acquired sufficient skills and knowledge of the J52-P-408A engine, including disassembly, cleaning, inspection, repair, assembly and preparation for service and storage, to safely perform under close supervision, intermediate maintenance in the AIMD working environment. Scope: This course covers: 1. Introduction to the J52-P-408A Engine and Systems 2. J52-P-408A Engine Disassembly, Cleaning and Inspection 3. J52-P-408A Engine Nozzle Classification, Assembly, Service and StorageSpecial Notes:Recommend students check-in 3-5 working days prior to C-601-3139 convening to facilitate logistics requirements (banking, housing, transportation, etc.).

PRE-REQUISITE:

COURSE NOTES:

P141161	C-601-3001	U	T-56 ENGINE FIRST DEGREE INTERMEDIATE MAINTENANCE	6.8w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

THIS TRACK DEFINES THE MINIMUM REQUIRED COURSES LEADING TO ASSIGNMENT OF T-56 ENGINE FIRST DEGREE INTERMEDIATE MAINTENANCE NEC AD-6418.SCOPE: THE FOLLOWING REQUIRED SEGMENT COURSES ARE INCLUDED: (C-600-3601) COMMAND INDOCTRINATION, (C-601-3574) T-56-A-10/14 FIRST DEGREE INTERMEDIATE MAINTENANCE, (C-602-3536) 54H60-77 PROPELLER INTERMEDIATE MAINTENANCE.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141163	C-602-1054	U	P-3C ELECTRICAL AND INSTRUMENT SYS (INT) ORG MAINT	5.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

PURPOSE: THIS TRACK DEFINES THE MINIMUM REQUIRED COURSES LEADING TO ASSIGNMENT OF P-3C ELECTRICAL AND INSTRUMENT SYSTEMS (INITIAL) ORGANIZATIONAL MAINTENANCE NEC AE-8819.SCOPE: THE FOLLOWING REQUIRED SEGMENT COURSES ARE INCLUDED: (C-600-3601) COMMAND INDOCTRINATION, (C-600-9573) P-3 INTEGRATED BASIC CORE ORGANIZATIONAL MAINTENANCE, (C-602-9570) P-3C INTEGRATED ELECTRICAL SYSTEM (INITIAL) ORGANIZATIONAL MAINTENANCE, (C-602-3573) P-3 CONNECTOR AND WIRING REPAIR ORGANIZATIONAL MAINTENANCE.

PRE-REQUISITE:

COURSE NOTES:

P141164	C-646-1140	U	P-3 ARMAMENT SYSTEMS ORGANIZATIONAL MAINTENANCE	5.4w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

THIS TRACK DEFINES THE MINIMUM REQUIRED COURSES LEADING TO ASSIGNMENT OF P-3 ARMAMENT SYSTEMS ORGANIZATIONAL MAINTENANCE NEC AO-8319.SCOPE: THE FOLLOWING REQUIRED SEGMENT COURSES ARE INCLUDED: (C-600-3601) COMMAND INDOCTRINATION, (C-600-9573) P-3 INTEGRATED BASIC CORE ORGANIZATIONAL MAINTENANCE,(C-646-9571) P-3 ARMAMENT/ORDNANCE SYSTEM ORGANIZATIONAL MAINTENANCE, (C-646-3573) P-3 CONVENTIONAL WEAPONS LOADING.

PRE-REQUISITE:

COURSE NOTES:

P141230	D-555-0046	U	NALC OMA QA ADMIN	0.8w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

NALCOMIS (OPTIMIZED) OMA QUALITY ASSURANCE ADMINISTRATION COURSE To provide Organizational Maintenance Activity Quality Assurance Representatives with the knowledge and skills of the Naval Aviation Maintenance Program (NAMP) and NALCOMIS Legacy OMA and Optimized (OOMA) to effectively manage the Quality Assurance Division. Topics will include: Naval Aviation Maintenance Program (NAMP), Quality Assurance Responsibilities, Work Center Audits/Special Audits, Naval Aviation Logistics Command Management Information System Optimized for OMA (OOMA) Scope: To provide Organizational Maintenance Activity Quality Assurance Representatives with the knowledge and skills of the Naval Aviation Maintenance Program (NAMP) and NALCOMIS Legacy (OMA) and Optimized for OMA (OOMA) to effectively manage the Quality Assurance division. Topics will include: Naval Aviation Maintenance Program (NAMP), Quality Assurance Responsibilities, Work Center Audits/Special Audits, Naval Aviation Logistics Command Management Information System Legacy for OMA, Naval Aviation Logistics Command Management Information System Optimized for OMA (OOMA). Prerequisite: Officer, civilian and senior enlisted personnel permanently assigned to the Quality Assurance Division personnel selected/designated as Collateral Duty Inspectors (CDIs) or Collateral Duty Quality Assurance Representatives (CDQARs).

PRE-REQUISITE:

COURSE NOTES:

P141242	C-603-9407	U	H-60 A/F & REL C ORG MAINT	1.8w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

H-60 AIRFRAMES AND RELATED SYSTEMS (CAREER) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Structural Mechanics will have advanced knowledge/skills of the H-60 airframes and related systems equipment, including testing, maintenance, troubleshooting and repair procedures, to perform, Organizational Level Maintenance in the squadron working environment or in the deployed detachment. Scope: The course content will include the following Units of Instruction: 1. Introduction to the course and H-60 Publications 2. Precision Measurement/MLG/Stabilator 3. Permaswage repair 4. Torque Shafts and Flight Control Rigging 5. Vibration Analysis Prerequisite: Graduate of H-60 Airframes and related systems (initial) organizational maintenance course.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141266	C-600-3183	U	AIRCRAFT CORROSION	1w	PTDV	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

AIRCRAFT CORROSION Upon completion of this course, the trainee will have sufficient knowledge/skills to apply the latest methods, procedures, and techniques used to detect, identify, treat, and prevent corrosion. The trainee will be trained in the use of tools, equipment, and material related to corrosion control, to include abrasive blasting and the application of paints, sealants and preservatives. Scope: The course content will include the following Units of Instruction: 1. Introduction to Aircraft Corrosion, Preventative Maintenance, Detection, Surface Preparation and Painting. 2. Emergency Reclamation. Prerequisites: Students shall be qualified to wear a respirator in accordance with OPNAVINST 5100.23 (series) and have a current paint physical in accordance with applicable BUMED instruction.

PRE-REQUISITE:

COURSE NOTES:

P141271	C-198-6102	U	AN/USM-636V CASS COMM CONFG	9w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

AN/USM-636V CONSOLIDATED AUTOMATED SUPPORT SYSTEM (CASS) COMMON CONFIGURATIONS OPERATION/MAINTAINER THIS TRACK DEFINES THE MINIMUM REQUIRED COURSES LEADING TO ASSIGNMENT OF CONSOLIDATED AUTOMATED SUPPORT SYSTEM (CASS) COMMON CONFIGERATIONS OPERATIONS/MAINTAINER NEC AT-6704. THE FOLLOWING REQUIRED SEGMENT COURSES ARE INCLUDED: (C-600-3601) COMMAND INDOCTRINATION, (C-198-3044) AN/USM-636 (V) CONSOLIDATED AUTOMATED SUPPORT SYSTEM (CASS) COMMON CORE INTERMEDIATE MAINTENANCE, (C-198-3069) AN/USM-636 (V) COMMON OPERATOR/MAINTAINER INTERMEDIATE MAINTENANCE. CENTER: CENNAVAVNTECHTRA PENSACOLA Fl

PRE-REQUISITE:

COURSE NOTES:

P141294	C-603-9408	U	H-60 A/F & REL INIT ORG/MT	6w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, the Aviation Structural Mechanics will have sufficient knowledge and skill of the H-60 airframes and related systems, including operation, testing, maintenance, troubleshooting and repair procedures to perform, under supervision, organizational level maintenance in the squadron working environment or in the deployed detachment. Scope: This course content will include the following Units of Instruction:1. Introduction to Course, Publications, Safety/ESD and Familiarization2. Aircraft General Description.3. Main and Tail Landing Gear, Tail Bumper, and Recovery Assist Secure and Traverse System4. Hydraulic Power and Utility Hydraulic Systems.5. Main and Tail Rotor Blades, Inspection Method, Main Rotor and Rotor Brake System6. Rotary Wing Aerodynamics, Flight Control, Stabilator and Flight Control Rigging

PRE-REQUISITE:

COURSE NOTES:

P141295	C-602-3869	U	ELECT WRA MT INT	2w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

PURPOSE: Upon completion of this course, Aviation Electrician's Mates/Aircraft Electricians will have sufficient knowledge/theory of the F/A-18 Electrical System/Subsystem WRA's to perform under close supervision intermediate maintenance at the Aircraft Intermediate Maintenance Department. SCOPE: This course content will include the following Units of Instruction: 1. Introduction to the Electrical Systems WRA Repair.2. Continuity Testing of Selected F-18 WRAS3. Testing/Troubleshooting with Integrity Tester Switch Assembly 4. Testing/Troubleshooting with the Power Static Inverter Test Set and the Sensors Test Set.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141307	C-821-2014	U	AVIATION FUEL MT TECH	5.4w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

AVIATION FUEL MAINTENANCE TECHNICIAN To provide enlisted personnel, E-4 through E-9, with instruction in the automotive gasoline and JP-5 fueling system, shore based/shipboard refueling equipment, and the administrative duties of fuels division personnel. Emphasis is placed on the operation, repair, and maintenance of shipboard JP-5 fuel system components to include pumps, purifiers, valves and nozzles. Scope: Satisfactory completion of course objectives will enable graduates to supervise the operation, troubleshooting, and repair of shipboard fueling equipment. In addition students will l acquire advanced knowledge in shore based refueling equipment and operations, allowing PQS qualification in a minimum time frame. Prerequisite: Students must have 20/20 vision corrected, normal color perception, and normal hearing.

PRE-REQUISITE:

COURSE NOTES:

P141369	C-603-3191	U	A/C NDI TECH CLASS C1	14.8w	PNTP	Pensacola, FL
ECL:	75A			**EIMET:**	No	

To train USN Aviation Structural Mechanics (Structures), and Marines MOS 6092 (E4 through E6), to perform aircraft nondestructive inspections, without direct supervision, afloat and ashore under all readiness conditions. Curriculum includes: theory, principles, and performance of: liquid penetrant, magnetic particle, eddy current, ultrasonic, radiographic, and composite material NDI methods and radiation safety procedures. The course stresses compliance with current NDI publications, specifications, responsibilities and radiation safety. NOTE: MUST COMPLETE A PREPLACEMENT RADIATION MEDICAL EXAM AS PRESC. BY NAVMED P-5055. INCLUDES MED. HISTORY, THOROUGH PHYSICAL EXAM, COMPLETE BLOOD LINE STUDY AND URINALYSIS. NO WAIVERS.

PRE-REQUISITE:

COURSE NOTES:

P141412	C-603-3868	U	ADV COMPOSITE MTRL REPAIR	4w	PTDO	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

ADVANCED COMPOSITE MATERIALS REPAIR Aviation Structural Mechanic (AM) will perform, under supervision, repairs to advanced composite materials in the AIMD working environment. This course content will include the following Units of Instruction: 1. Introduction to Advanced Composite Materials Repair 2. Evaluation and Repair Criteria 3. Repair Procedures and Processes PREREQUISITES: Female Non-Pregnancy Chit (To be administered in Week 1 of training). Graduate of AMH/S A School. Respirator Physical Required. Security clearance may vary by location based upon area/building in which taught. Contact Lens NOT AUTHORIZED.

PRE-REQUISITE:

COURSE NOTES:

P141428	A-100-0073	U	MICRO ELECT REPAIR(AVIA)	1.8w	PSSN	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

Provides maintenance personnel with sufficient knowledge and skills to perform microminiature electronics repair to multi-layer and flexible printed wiring boards, remove welded lead components, illuminated plastic panel repair, remove and install surface mounted components, and perform station maintenance utilizing a microminiature repair station without supervision, for certification as a microminiature technician in the 2M program. Includes 2M station familiarization, 2M micro station preventive maintenance, multi-layer repair, flexible conductor repair, welded lead repair, plastic panel repair, soldering microminiature connections and surface mounted technology. PREREQUISITES: Miniature Electronic Repair Course (A-100-0072) must be completed prior to class convening. NOTE: Two CDPs applicable to this training at FLETRACEN Norfolk. CDP 439D P141428) is controlled by NAVAIR (Aviation side - controls 3 seats in the class) and . CDP 8706 is controlled by NAVSEA (Surface side - controls 5 seats in the class). Both CDPs make up one class convening.

PRE-REQUISITE:

COURSE NOTES:

P141543	C-601-9532	U	P-3 PP/REL INIT	3.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates will have sufficient knowledge/skills of the P-3 Power plant and Related Systems, to perform under supervision, organizational maintenance in the squadron working environment. SCOPE: The course will include the following Units of Instruction: 1. Introduction to the P-3 Power plant and Related Systems. 2. Introduction to the P-3 Power plant and Assemblies. 3. P-3 Power plant Related Systems 4. Introduction to the P-3 Propeller System. 5. P-3 Power plant and Propeller Maintenance 6. Aircraft Related Systems 7. Aircraft Related Systems Maintenance PREREQUISITES: OTHER=Designated AD and OTHER=Obligated Service: 12 Months. and RATE=AD

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141616	E-516-0001	U	AIRCRAFT WEIGHT & BALANCE	0.8w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

To qualify Weight and Balance Officers in preparing and maintaining weight and balance handbooks and associated records as outlined in the Naval Aviation Maintenance Program OPNAVINST 4790.2 (series). Scope: This course is designed to provide Aircraft Weight and Balance Officers with training in the concepts, procedures and policies to effectively maintain Aircraft Weight and Balance records, utilizing the OPNAVINST 4790.2 (Series), NA 01-1B-40, NA 01-1B-50 and applicable NATOPS.

PRE-REQUISITE:

COURSE NOTES:

P141618	C-603-0175	U	AM A1 CORE	6.2w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides Navy and Marine Corps personnel with the basic knowledge and skills in the field of Aviation Structural Mechanics (Hydraulics and Structures). This knowledge will enable them to perform as maintenance technicians at aviation activities, both afloat and shore, under all operating conditions with appropriate supervision. Indoctrination and introduction, technical publication, source documents, corrosion control procedures, repair and inspection of simulated structural assemblies, repair procedures for nonmetallic materials and basic hydraulics fundamentals.

PRE-REQUISITE:

COURSE NOTES:

P141619	C-603-0176	U	AM O LEVEL STRND	1.8w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

This course is designed to provide Navy and Marine Corps personnel with the basic knowledge and skills in the field of Aviation Structural Mechanic (Hydraulics and Structures). This knowledge will enable them to perform as maintenance technicians at aviation organizational activities, both afloat and shore, under all operating conditions with appropriate supervision. Indoctrination and introduction, technical publications, source documents, corrosion control procedures, line maintenance and basic hydraulic fundamentals.

PRE-REQUISITE:

COURSE NOTES:

P141620	C-601-2011	U	AD - MACHMATE COMMON CORE	2.2w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides selected U.S. Navy and Marine Corps enlisted personnel with basic knowledge and skills in the field of Aircraft Power Plants, Related System Maintenance and Safety, to assimilate follow up specialized training in the Aviation Machinist s Mate (AD) rating. The course covers: general information in the field of Aviation Machinist s Mate rating, aviation safety, maintenance documentation, technical publications, theory and operation of gas turbine engines, troubleshooting, inspections, maintenance and repair of discrepancies on aircraft/power plants and related system s, tools, hardware, and basic corrosion control (C-600-3180, NAMTGE equivalent).

PRE-REQUISITE:

COURSE NOTES:

P141621	C-601-2012	U	AD - HELO FUNDAMENTALS	1.6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides selected U.S. Navy and Marine Corps enlisted personnel with basic knowledge and skills in the field of Helicopter Aircraft Power Plants, Related System Maintenance, Safety, and to assimilate follow up specialized training in the Aviation Machinist s Mate (AD) rating. This course covers: General information in the field of Aviation Machinist s Mate rating, aviation safety, maintenance documentation, technical publications, theory and operation of gas turbine engines, troubleshooting, inspections, maintenance and repair of discrepancies on helicopter aircraft power plants and related system s, tools and hardware.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141622	C-601-2013	U	AD - TURBOPROP A/C FUND	1.6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides selected U.S. Navy and Marine Corps enlisted personnel with basic knowledge and skills in the field of Helicopter Aircraft Power Plants, Related System Maintenance, Safety, and to assimilate follow up specialized training in the Aviation Machinist s Mate (AD) rating. This course covers: General information in the field of Aviation Machinist s Mate rating, aviation safety, maintenance documentation, technical publications, theory and operation of gas turbine engines, troubleshooting, inspections, maintenance and repair of discrepancies on turboprop aircraft/power plants and related system, tools and hardware.

PRE-REQUISITE:

COURSE NOTES:

P141623	C-601-2014	U	AD - TURBOJET A/C FUND	1.6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides selected U.S. Navy and Marine Corps enlisted personnel with basic knowledge and skills in the field of Turbojet/Turbofan Aircraft Power Plants, Related System Maintenance, Safety, and to assimilate follow up specialized training in the Aviation Machinist s Mate (AD) rating. This course covers: General information in the field of Aviation Machinist s Mate rating, aviation safety, maintenance documentation, technical publications, theory and operation of gas turbine engines, troubleshooting, inspections, maintenance and repair of discrepancies on turbojet aircraft/power plants and related system, tools and hardware. Note: The revised C-601-2014 course includes the F-35 IGAP content for entry into the F-35B and F-35C power plant maintenance courses at the Joint Strike Fighter Academic Training Center on Eglin AFB.

PRE-REQUISITE:

COURSE NOTES:

P141629	C-602-2033	U	AME -AVIASTR MECH E C/CORE	5w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Description: This course is designed to provide selected Navy and Marine Corps enlisted personnel with basic knowledge and skills in the field of environmental and egress systems operation, maintenance and safety. This knowledge will enable them to perform as maintenance technicians at aviation activities both afloat and ashore, under all operating conditions with appropriate supervision. Topics covered are General Aircraft Maintenance, Publications, Ordnance Handling, Liquid Oxygen (LOX), Gaseous Oxygen, Aircraft Air-conditioning & Pressurization, Aircraft Utility Systems, Aircraft Canopy Systems, and Aircraft Ejection Seats.

PRE-REQUISITE:

COURSE NOTES:

P141631	C-602-2026	U	AVIATION SPT EQUIP TECH A1	10.2w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides selected Navy and Marine Corps enlisted personnel with basic knowledge and skills required to perform satisfactory maintenance and administrative duties and, when followed by appropriate applications, to lead to the fulfillment of the technical requirements at the apprentice entry level. This course covers technical publications and forms; AC and DC power generating and motor driven equipment; internal combustion and gas turbine engine operating principles, constructions, mechanical and electrical systems; chassis and brake systems; power train theory; hydraulic and air conditioning fundamentals and maintenance. Students are provided with an introduction into cryogenics, corrosion control and basic troubleshooting.

PRE-REQUISITE:

COURSE NOTES:

P141650	E-646-0647	U	F/A-18 CONV REL SYS TEST	1w	PLAW	NAS Lemoore, CA
ECL:	70			**EIMET:**	No	

To train personnel in the proper procedures, publications, special tools and test equipment necessary to perform safe and reliable conventional release system checks. To train personnel to safely perform all conventional weapons release system tests applicable to the F/A-18 aircraft. This course covers the training necessary to enable ordnance related personnel to reliably perform the release and control system checks on the F/A-18 aircraft. Classroom training consists of academic instruction in the proper use of appropriate test equipment and loading publications and checklists. Practical training consists of supervised system checks on the F/A-18.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141652	E-646-0640	U	F/A-18 CONV WPNS LOADING	1w	PLAW	NAS Lemoore, CA
ECL:	70			**EIMET:**	No	

To train enlisted personnel to safely and reliably load and download all conventional weapons carried on the FA-18 aircraft. This training contains minimum performance requirements for course completion. This course outlines the training to qualify individuals in the functions of loading, downloading, arming, dearming of conventional weaponry applicable to the F/A-18 Aircraft. This is to include weapon familiarization, utilization of appropriate check lists, airborne weapons stores loading manual and other directives. Practical training will consist of supervised weapon loads.

PRE-REQUISITE:

COURSE NOTES:

P141660	A-100-0073	U	MICRO ELECT REPAIR	1.8w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

To provide sufficient knowledge and skill to perform high quality and high reliability solder connections on complex circuit card assemblies(CCAs) at the Organization and Intermediate levels. NOTE: ALL STUDENTS MUST BE PHYSICALLY CAPABLE OF PERFORMING VERY INTRICATE AND DELICATE MANUAL WORK USING TOOLS SIMILAR TO DENTAL TOOLS. ALL CANDIDATES MUST MEET THE FOLLOWING VISUAL REQUIREMENTS WHICH MAY BE MET WITH CORRECTED VISION: FAR VISION = SNELLEN CHART 20/50; NEAR VISION = JAEGER 1 AT 14IN., OR REDUCED SNELLEN 20/20 EQUIVALENT; COLOR VISION = ABILITY TO DISTINGUISH RED, BLUE AND YELLOW COLORS AS PRESCRIBED IN BOORLIN CHARTS, ISHIHARA PLATES OR ADD-HRR TEST; DEPTH PERCEPTION, TITMUS STEREO CIRCLE CHART, OR EQUIVALENT.

PRE-REQUISITE:

COURSE NOTES:

P141667	C-602-3770	U	LASER SAFETY FUNDAMENTALS	0.2w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

LASER SAFETY FUNDAMENTALS Upon completion of this course, Aviation Electrician, Aviation Structural Mechanics, Aviation Ordancemen, Aviation Electronics Technicians and Aircrew Survival Equipmentmen will have sufficient knowledge and understanding of laser safety to effectively support a laser safety program wherever lasers are utilized. Scope: This course covers: Introduction to LASER Safety Fundamentals.

PRE-REQUISITE:

COURSE NOTES:

P141674	C-602-3871	U	F/A-18 WIRE REP ORG MAINT	1.6w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

F/A-18 WIRE BUNDLE AND CONNECTOR REPAIR ORGANIZATIONAL MAINTENANCE Upon completion of this course, organizational level technicians will have the skills and knowledge necessary to perform wire and electrical connector repair on assigned F/A-18 electrical components, under minimal supervision, to include knowledge of the Tektronix 1502-4, Time Domain Reflectometry (TDR), test set, in an organizational working environment. This course covers Introduction to F/A-18 Wire Bundle/Connector Repair; F/A-18 Wire Bundle/Connector Repair; Time Domain Reflectometer/Radio Frequency Connector Repair.

PRE-REQUISITE:

COURSE NOTES:

P141677	C-603-3868	U	ADV COMPOSITE MATERIAL MT	4w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

ADVANCED COMPOSITE MATERIALS REPAIR Upon completion of this course, the Aviation Structural Mechanic (AMS, AMH) will perform, under supervision, repairs to advanced composite materials in the AIMD working environment. This course content will include the following Units of Instruction: 1. Introduction to Advanced Composite Materials Repair 2. Evaluation and Repair Criteria 3. Repair Procedures and Processes. Prerequisites: 1. Female Non-Pregnancy Chit (To be administered in Week 1 of training). 2. Contact Lens NOT AUTHORIZED. Graduate of AMH/S A School. Respirator Physical Required.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141704	C-198-3044	U	AN/USM-636A CASS CC INT MT	6w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

AN/USM-636(V) CONSOLIDATED AUTOMATED SUPPORT SYSTEM (CASS) COMMON CORE INTERMEDIATE MAINTENANCE Upon completion of this course, Aviation Electronics Intermediate Technicians will have acquired sufficient skills and knowledge to operate, test and perform scheduled/unscheduled maintenance procedures on the AN/USM-636(V) Consolidated Automated Support System (CASS) under minimum supervision in the AIMD working environment. Scope: The course content will include the following Units of Instruction: 1. Introduction to the AN/USM-636(V) System 2. CASS Station Operation 3. AN/USM-636(V) Power Subsystem 4. AN/USM-636(V) Station Control Subsystem 5. AN/USM-636(V) Stimulus and Measurement Subsystem 6. RF/CNI Station Operation and Maintenance

PRE-REQUISITE:

COURSE NOTES:

P141735	C-602-9975	U	F/A-18 ELEC INST ORG MT I	5.2w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Electricians Mates (AE) will have sufficient knowledge/theory of the Electrical and Instruments Systems of the F/A-18 Aircraft, including the applicable test equipment, Ground Support Equipment (GSE), publications and safety precautions to perform, under close supervision, organizational maintenance in the squadron working environment. This course covers: 1. Introduction to the NAMTRAGRUDET 2. Digital Electronics Fundamentals 3. Aircraft Electrical Power Systems 4. Aircraft Lighting System 5. Secondary Power/Power Plant/Environmental Control System 6. Hydraulic Power System 7. Landing Gear System 8. Refuel/Defuel System 9. Pilot-Static System 10. Air Data Computer/Inertial Navigation System 11. Flight Control Systems 12. Flight Controls 13. Backup Mechanical/Automatic Flight Control Systems Testing and Troubleshooting.

PRE-REQUISITE:

COURSE NOTES:

P141736	C-646-9973	U	F/A-18 STORES M/SYS ORG I	4w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Ordnancemen will have sufficient knowledge/theory of the Stores Management and Weapon Delivery Systems of the F/A-18 Aircraft, including applicable test equipment, ground support equipment (GSE), publications and safety precautions, to perform, under supervision, organizational maintenance and testing and troubleshooting in the squadron working environment. This course covers: 1. Introduction to F/A-18 Organizational Level Maintenance 2. Stores Management System Maintenance 3. Weapon Control System Maintenance and Configuration 4. Gun System Maintenance.

PRE-REQUISITE:

COURSE NOTES:

P141737	C-603-9973	U	F/A-18 AVIA HYD/STRUT MT I	5w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, the Aviation Hydraulic/Structural Mechanic will have sufficient knowledge of the Hydraulic Power System, Aircraft Structures, Aircraft Fuel, Landing Gear and related systems, and Flight Control Systems of the F/A-18 aircraft, including the applicable test equipment, ground support equipment (GSE), applicable publications, and safety precautions, to perform, under close supervision, organizational maintenance in the squadron working environment. This course covers: 1. Introduction to Aviation Maintenance Training 2. Aircraft Ground Handling, Inspection and Maintenance 3. Related Structural Subsystem and Corrosion 4. Introduction to Basic Hydraulics 5. Main Landing Gear and Related System 6. Nose Landing Gear and Related System 7. Landing Gear and Related Systems 8. Introduction to Electronic Flight Control System 9. Horizontal Stabilator, Back-up Mechanical Flight Control and Speed Brake Systems 10. Flight Control System Maintenance Practical.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141738	C-601-9973	U	F/A-18 PP/REL SYS ORG MT I	2.8w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates and/or the Marine Corps equivalent will have sufficient knowledge to operate and perform, under supervision, organizational maintenance on the F/A-18 Aircraft Fuel System, Secondary Power System, and Engine System, including the applicable test equipment and Support Equipment (SE), in the squadron working environment. This course covers: 1. Introduction to the F/A-18 2. F/A-18 Engine Systems Description and Operation 3. F/A-18 Maintenance with Testing and Troubleshooting 4. F/A-18 Throttle System with Borescope Familiarization 5. F/A-18 Unscheduled Maintenance with Secondary Power System 6. F/A-18 Secondary Power Unscheduled Maintenance 7. F/A-18 C/D Fuel System Description and Operation 8. F/A-18 C/D Fuel System Testing and Troubleshooting 9. F/A-18 C/D Fuel System Maintenance 10. F/A-18 A/B Fuel System.

PRE-REQUISITE:

COURSE NOTES:

P141739	C-602-9973	U	F/A-18 ENV CNTRLS ORG MT I	4.6w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, the Aviation Structural Mechanic (Safety Equipment) will have sufficient knowledge in the Organizational Maintenance of the Environmental Control Systems, SJU-5/A and 6/A Ejection Seat, Canopy, SJU-17(V)1/A and 2/A Naval Aircrew Common Ejection Seat (NACES) and the Emergency Escape Sequencing of the F/A-18 Aircraft, including the applicable test equipment, Support Equipment (SE), publications, and safety precautions, to perform, under close supervision, organizational maintenance in the squadron working environment. This course covers: 1. Introduction to NAMTRAGRUDET and Aircraft Familiarization 2. Bleed Air and Bleed Air Leak Detection System 3. Environmental Control and Fire Detection System 4. Canopy and Canopy Seal System 5. Oxygen, SJU-5/A and 6/A Ejection Seat and Emergency Escape System 6. SJU-17(V)1/A and 2/A Naval Aircrew Common Ejection Seat (NACES).

PRE-REQUISITE:

COURSE NOTES:

P141745	C-102-3870	U	F/A-18 TAR/FLIR	2w	PTDL	Lemoore, CA
ECL:	70			**EIMET:**	No	

F/A-18 TARGET/LASER FORWARD LOOKING INFRARED SYSTEMS ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Electronics Technicians will have sufficient knowledge/skills, including operation, testing, troubleshooting, and repair procedure, to perform, under supervision, organizational maintenance on the F/A-18 Forward Looking Infrared/Laser Systems in the squadron environment. Scope: The course content will include the following Units of Instruction: 1. F/A-18 Target/Laser Forward Looking Infrared Systems Operation 2. F/A-18 Target/Laser Forward Looking Infrared Systems Maintenance. 3. F/A-18 Target/Laser Forward Looking Infrared Systems Maintenance Application.

PRE-REQUISITE:

COURSE NOTES:

P141800	C-198-3044	U	AN/USM-636V CASS CC INT MT	6w	PTDO	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Electronics Intermediate Technicians will have acquired sufficient skills and knowledge to operate, test and perform scheduled/unscheduled maintenance procedures on the AN/USM-636(V) Consolidated Automated Support System (CASS) under minimum supervision in the AIMD working environment. SCOPE The course content will include the following Units of Instruction: 1. Introduction to the AN/USM-636(V) System 2. CASS Station Operation 3. AN/USM-636(V) Power Subsystem 4. AN/USM-636(V) Station Control Subsystem 5. AN/USM-636(V) Stimulus and Measurement Subsystem 6. RF/CNI Station Operation and Maintenance Prerequisites: Graduate of Avionics Technician I Level A1 (C-100-2017) school or equivalent. (P131379)

PRE-REQUISITE:

COURSE NOTES:

P141833	C-601-4408	U	T700-GE401 ENG INT MT IST	4.6w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates will have acquired sufficient skill and knowledge of the T700-GE-401/401C engine, system analysis, troubleshooting techniques, borescoping procedures, and maintenance procedures to perform first degree intermediate maintenance under limited supervision at the Intermediate Maintenance Activity (IMA).

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141838	C-602-3228	U	NC-10B 1/C ME PP I/M	1.8w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Support Equipment Technicians will have acquired sufficient knowledge and skills of the NC-10B-1/C Mobile Electric Power Plant (MEPP) publications, operational check out procedures, safety precautions, periodic maintenance requirements, system component operation, and troubleshooting repair procedures to perform intermediate maintenance procedures under limited supervision, in an AIMD working environment. SCOPE: This course covers: 1. Introduction to the NC-10B-1/C, Publications, Safety, and Corrosion Control 2. NC-10B-1/C Familiarization, Operation, Fault and Electrical System Troubleshooting 3. NC-10B-1/C Winterization, Operation, Fault and Electrical System Troubleshooting

PRE-REQUISITE: COURSE=602-3263, ASE TECH ELECT and OTHER=Rating(s) Eligible: AS, Marine equivalent. LOCATION INFO: Hazardous materials are used in this course

COURSE NOTES:

P141848	C-601-9407	U	H-60 P/P & REL SYS	2w	PTDN	San Diego, CA
ECL:	70			**EIMET:**	No	

H-60 P/P & REL SYS Upon completion of this course, Aviation Machinist Mates will have sufficient knowledge/skills of the H-60 power plants and related systems equipment, including operation, testing, maintenance, troubleshooting and repair procedures, to perform, organizational maintenance in the squadron working environment both ashore and afloat. Special Note: Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location. Scope: This course covers: H-60 Publications and Inspection Limits, H-60 Power plants System, Airframe Fuel System Troubleshooting, and Precision Measurement and Vibration Analysis Troubleshooting.

PRE-REQUISITE:

COURSE NOTES:

P141855	C-198-3022	U	AN/USM-449B(V) I/MAINT	14w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Electronics Technicians will have sufficient knowledge/skill of the AN/USM-449A(V)2 and AN/USM-449A(V)4 ATS to perform, under limited supervision, intermediate level maintenance, including operation, programming, system analysis, and troubleshooting, in a normal test environment. This course covers: Introduction; System Computer Maintenance; Analog Test Station Stimulus Device Programming; Analog Test Station Measurement Device Programming; UUT Test Program Execution; Analog Test Station Maintenance; Analog Test Station TODO Logic; Analog Test Station Buffer 3 Logic; Analog Test Station Stimulus and Measurement System; Digital Test Station Programming - Test Setup; Digital Test Station Programming - Test and Results Analysis; UUT Test Program Execution; Introduction to Digital Test Station Maintenance; Digital Test Station Maintenance Programs; Digital Test Station Maintenance; ATS Self-Test and Calibration.

PRE-REQUISITE:

COURSE NOTES:

P141867	C-601-3574	U	T-56-A-14 1ST DEG I/M	4.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates will have sufficient knowledge/skills of the T56 powerplant and its associated components, including the fuel and oil systems path of flow, bleed air, ignition, temperature datum systems, engine driven compressor, operation and troubleshooting techniques to perform, under supervision, intermediate level maintenance. This course covers: 1. Introduction to the T56-A-14 Engine and its related components 2. T56-A-14 Engine Description and Operation 3. T56-A-14 Engine Systems Description and Operation 4. T56-A-14 Engine Operation and Maintenance Procedures 5. Engine Driven Compressor Description6. Engine Driven Compressor Operation and Maintenance

PRE-REQUISITE:

COURSE NOTES:

P141869	C-602-3573	U	P-3 CONNECT/WIRING RPR O/M	1.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

P-3 CONNECTOR AND WIRING REPAIR ORGANIZATIONAL MAINTENANCE Upon completion of this course, avionics maintenance personnel will have sufficient knowledge and skill to perform, under limited supervision, connector and wire harness repairs on the P-3 aircraft electrical, electronic, and ordnance systems in the squadron working environment. Scope: This course covers Connectors, Wire, Cable and Tools; Wire and Cable Repair; and Connector Repair.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141871	C-602-3279	U	A/M32C-17 MBLE AIRCON I/M	1.4w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, the trainee will have sufficient knowledge /skills, including safety, operation, servicing, troubleshooting and repair procedures, use of refrigeration tools, test equipment and publications to perform, under limited supervision, intermediate maintenance on the A/M32C-17 Mobile Air Conditioner in the AIMD working environment.

PRE-REQUISITE:

COURSE NOTES: Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.

P141872	C-602-3019	U	A/C SEALED INST RPR I/M	5w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Electronics Technicians and Aviation Electricians Mate Technicians will have sufficient knowledge/skills, including disassembly, assembly, alignment, operational checks, and selected repair, to perform, under supervision, Intermediate Maintenance of Aircraft Instruments. SCOPE:1. Introduction to Aircraft Sealed Instrument Repair 2. Basic Instrument Theory and Balanced Bridge Type Instruments 3. Control Synchro System Type Instruments

PRE-REQUISITE:

COURSE NOTES: Graduate of AE/AT (Class A1) School or equivalent. Near Vision - Jaeger 1 at 14 inches, or reduced Snellen 20/20 equivalent. Normal color vision - Ability to distinguish red, green, blue, and yellow colors. Normal depth perception - Titmus Stereo Circle chart, or equivalent. Personal Physical Requirements: Far Vision - Snellen Chart 20/50 RATE AE or RATE AT

P141877	C-602-9571	U	P-3C ELEC SYS CAREER	2.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Electrician Mates will have sufficient knowledge/skills of the Electrical and Navigational Systems of the P-3C aircraft, including description, components identification, functional analysis, maintenance procedures, troubleshooting, use of applicable publications, safety procedures, and test equipment, to perform, under supervision, organizational maintenance in the squadron working environment. This course covers: 1. Electrical Power Systems, Landing Gear/Flight Control System, and Auxiliary Power Unit (APU). 2. Engine Controls and Instrumentation Systems, Engine Oil System, Air Conditioning, and Pressurization System. 3. Propeller Systems, Engine Fire Detection and Extinguishing System, Fuel Systems, Bleed Air Systems, and Propeller De-ice System. 4. Empennage De-ice System, Windshield Heat and Defogging System, Hydraulic Systems, Aircraft Lighting Systems, and Flight Instrument Systems. 5. LTN-72 Inertial Navigation System (INS). 6. AN/ASW-31A Automatic Flight Control System. NOTE: PARTICIPANTS IN THIS COURSE MUST HAVE COMPLETED THE P-3 CONNECTOR AND WIRE REPAIR ORGANIZATIONAL MAINTENANCE COURSE (C-602-3573/P141869) AND THE P-3C INTEGRATED ELECTRICAL SYSTEM (INITIAL) ORGANIZATIONAL MAINTENANCE COURSE (C-602-9570/P141938).

PRE-REQUISITE:

COURSE NOTES:

P141878	C-603-9532	U	P-3 ENVR CNTRL SYS ORG/MT	2.4w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, the Aviation Structural Mechanic (Safety Equipment) Technician will have sufficient knowledge/theory of the P-3 Environmental Control and Utility Systems, including analysis and troubleshooting techniques to safely perform, under close supervision, organizational maintenance in the squadron working environment. I. P-3 Air Conditioning System, Theory of Operation and Maintenance Procedures. II. P-3 Pressurization and Utilities Systems, Theory of Operation and Maintenance Procedures.

PRE-REQUISITE:

COURSE NOTES:

P141881	C-601-9533	U	P-3 P/P AND REL SYS ORG MT	3.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Course Description: P-3C POWERPLANT AND RELATED SYSTEMS (CAREER) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Machinist Mates will have sufficient knowledge/theory of the P-3 Powerplant and Related Systems, including troubleshooting techniques, to perform under supervision, organizational maintenance in the squadron working environment. Scope: This course content includes the following Unit of Instruction: 1. P-3C Powerplant and Related Systems and P-3C Powerplant Accessories.

PRE-REQUISITE: Course Prerequisite Text Text:

COURSE NOTES: Course Intl Notes:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141885	C-603-9531	U	P-3C STRUC HYD PWR F/C O/M	2.4w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

P-3 STRUCTURES HYDRAULIC POWER AND FLIGHT CONTROLS (CAREER) ORGANIZATIONAL MAINTENANCE Upon completion of this course, Aviation Structural Mechanic Technicians will have an in-depth knowledge/skills of the P-3 aircraft structures, hydraulics, and flight controls, including system analysis and troubleshooting techniques to perform, under supervision, organizational maintenance in the squadron working environment. Scope: This course covers: 1. P-3 Fuel Cell, Hydraulic Power Supply, Bomb Bay Doors, and P-3A/B Windshield Wiper Systems. 2. P-3 Landing Gear, Brakes and Nose Wheel Steering Systems. 3. P-3 Flight Control Systems.

PRE-REQUISITE:

COURSE NOTES:

P141891	C-602-3536	U	54H60-77 PROP I/MAINT	2.2w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Machinist Mates will have sufficient knowledge and the skills necessary to perform, under close supervision, intermediate maintenance on the 54H60-77 Propeller, and Propeller Control, including cleaning, assembly, disassembly, inspection, minor repair, testing, and troubleshooting using applicable NAVAIR Publications and safety procedures, while assigned to Aircraft Intermediate Maintenance Department working environment. This course covers 54H60-77 propeller and propeller control intermediate maintenance. It includes propeller disassembly, dome assembly maintenance, blade assembly maintenance, propeller buildup procedures, propeller control disassembly and disassembly, and propeller group installation on QECA. This course covers: 1. Introduction to the 54H60-77 Propeller Intermediate Level Theory and Application. 2. 54H60-77 Propeller Assembly Theory of Operation, Maintenance Procedures and Troubleshooting. 3. 54H60-77 Propeller Control Assembly Theory of Operation, Maintenance Procedures and Troubleshooting. Special Note: Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.

PRE-REQUISITE:

COURSE NOTES:

P141895	C-102-3596	U	AN/AQH4&(V2) INTERM/MAINT	2.6w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Electronics Technicians will have sufficient knowledge/skills, including operation, testing, troubleshooting, and repair procedures, to perform, under limited supervision, intermediate maintenance on the AN/AQH-4(V)2 and AN/AQH-4A(V) Sound Recorder/Reproducer Set, in the Intermediate Maintenance Activity working environment. This course content will include the following Units of Instruction: 1. Introduction to the AN/AQH-4(V)2 and AN/AQH-4A(V) 2 Sound Recorder/Reproducer Sets 2. AN/AQH-4(V) 2 and AN/AQH-4A(V) 2 Sound Recorder/Reproducer Sets Principles of Operation 3. AN/AQH-4(V) 2 and AN/AQH-4A(V) 2 Sound Recorder/Reproducer Sets Operation, Maintenance and Repair.

PRE-REQUISITE:

COURSE NOTES:

P141916	C-050-3531	U	P-3 FLIGHT ENGR SYS FAM	6.4w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Flight Engineer students will have sufficient familiarization knowledge of the P-3 aircraft systems to continue follow-on training at VP-30/VP-31 to qualify as a flight engineer in accordance with the NATOPS program. This course covers Aircraft Electrical and Mission Systems, Power plants and Related Systems, Airframe and Utility Systems and Final Review and Test.

PRE-REQUISITE:

COURSE NOTES:

P141917	C-500-3202	U	ASE MAINT MANAGER	2w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Support Equipment Work Center/Division Supervisors will have sufficient knowledge of the Naval Aviation Maintenance program including organization, publications, quality assurance, maintenance data systems, maintenance scheduling, logistics and Aircraft Maintenance Material Readiness List program, to perform under minimum supervision, a Support Equipment Maintenance Management program, both ashore and afloat, in accordance with the OPNAVINST 4790.2 series. SCOPE:The course content wil include the following Units of Instrution: 1. Maintenance Administration2. Maintenance Documentation/NALCOMIS 3. Aircraft Maintenance Material Readiness List (AMMRL)/ Local Asset Management System (LAMS) 4. Logistics 5. Supply/(FER LOG) (CD-ROM)/Manpower Requirements.

PRE-REQUISITE:

COURSE NOTES: This course is for E5 and above

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P141933	C-198-3021	U	AN/USM-449A(V) OPERATOR	3w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, the Aviation Electronics Technician will be able to operate the AN/USM-449A(V)2 and/or AN/USM-449A(V)4 ATS in an Intermediate Maintenance Activity under limited supervision. This course covers AN/USM-449A(V) Familiarization; AN/USM-449A(V) Operation; DETOL Programming; Device Specific DETOL and System Interfacing Instructions; ANALOG Test Station UUT Testing; and DIGITAL Test Station UUT Testing.

PRE-REQUISITE:

COURSE NOTES:

P141938	C-602-9570	U	P-3C INTEG ELE SYS INITIAL	4w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Electrician Mates will have sufficient knowledge/skills of the Electrical and Navigation Systems functional analysis, maintenance procedures, and test equipment to perform, under supervision, organizational maintenance in the squadron working environment. SCOPE: The course content will include the following Units of Instruction: 1. P-3C Electrical Systems Publications and Auxiliary Power Unit (APU) Operation, APU Electrical System, and APU Fire Detection and Extinguishing System. 2. AC and DC Power Generation and Distribution and Maintenance Procedures. 3. Power Plant Related Electrical Systems, and Maintenance Procedures. 4. Aircraft Fuel, Fuel Quantity Indicating,. Propeller Related Electrical Systems, and Maintenance Procedures 5. Airframe Related Electrical Systems. 6. Flight Instruments, Inertial Navigation System (INS), Automatic Flight Control Systems (AFCS), and Maintenance Procedures.

PRE-REQUISITE: Designated AE. Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location. and RATE=AE

COURSE NOTES:

P141939	C-603-9530	U	P-3 STRU HYD PWR & FLT CTL	1.2w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Upon completion of this course, Aviation Structural Mechanics will have sufficient knowledge/skills of the P-3 aircraft structures, hydraulics, and flight controls, to perform, under close supervision, organizational maintenance in the squadron working environment. SCOPE: This course covers: 1. P-3 Publications/Structures. 2. P-3 Systems Familiarization and Maintenance Requirement Cards (MRCs).

PRE-REQUISITE: Designated AM rating. Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location. and RATE=AM

COURSE NOTES:

P141970	C- 4D-2012	U	NAMP INDOC	8.4w	PNGW	Milton, FL
ECL:	80			**EIMET:**	No	

To provide newly commissioned or designated aviation ground officers (Navy 152X and Marine Corps 6002) with little or no aviation maintenance management background who are prospective members of organizational or intermediate maintenance organizations with technical information and knowledge of the managerial responsibilities and the administrative duties required to perform at an entry level aircraft maintenance position. SCOPE: Encompasses the entire spectrum of Naval and Marine Corps aviation maintenance management with particular emphasis on the organizational and intermediate maintenance activities to include their interface with the supply system as well as various other related activities. Aviation maintenance management - aviation maintenance process, operational readiness organization and support maintenance control. Administration, manpower management and maintenance training program. Material management and Navy supply system. Support asset maintenance data system; NALCOMIS OMA Operation. Forms and reports. General safety, flight deck NAVOSH and hazardous materials. Deployment/detachment operating, Aircraft weight and balance certification. Mock maintenance laboratory. Note: There is a maximum of five International Military students per class.

PRE-REQUISITE: Aviation Officers (U.S. and International) and DOD-sponsored civilians with a prospective assignment to a billet in or modeled after the Naval Aviation Maintenance Program. Language Requirements: Fluent comprehension of English, oral and written. Basic computer skills required and familiarity with Adobe Acrobat.

COURSE NOTES:

P142201	A-113-0040	U	GUN MOUNT 76MM MK75 MOD041	9w	PTCL	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Provides GM personnel the technical knowledge and skills required to perform organizational level maintenance, repair and operations on the MK-75 MOD-0 and 1, 76MM/62 Cal Gun Mount. Covers complete training of operations, alignments, and maintenance, both corrective and preventive, on the 76MM Gun Mount.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P142229	A-100-0128	U	GM APPRENTICE TECHNICAL TRAINING VIRTUAL PATH	22w	PSS2	Great Lakes, IL
ECL:	75			**EIMET:**	No	

The Apprentice Technical Training Virtual Training Path will offer entry-level training for the GM rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Scope: Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

P142230	A-041-0010	U	GUNNERS MATE A SCHOOL	5w	PSS2	Great Lakes, IL
ECL:	75A			**EIMET:**	No	

GUNNERS MATE CLASS A PHASE 1 To provide highly qualified and motivated personnel with the intermediate training necessary to qualify as an apprentice Gunner s Mate. Graduates of GM "A" School, coupled with skilled and experienced Petty Officers and an ongoing "On the Job Training (OJT)", will be able to perform as team members for the following; operate and perform maintenance on Gun, Missile and Magazine Sprinkler Systems, Small Arms, Ordnance Handling Equipment and make minor electrical, electronic, hydraulic mechanical and Servo System casualty analysis and repairs at shipboard levels. A Gunner s Mate "A" School graduate has advanced training in Ammunition Identification and Handling, the 3M System, hands on training with the Magazine Sprinkler Systems and Small Arms. Graduates provide the shipboard and shore installation with highly skilled individuals to perform preventative and corrective maintenance. Scope: Gunner s Mate Class "A" School consists of 16 weeks, 3 days of curriculum divided into 2 Units. Unit 1 contains Basic Electricity and Electronics. Topics include Direct Current (series) and Direct Current (parallel and combination), Alternating current and Solid State. Unit 2 contains Special Circuits (Solid State Devices and Circuits), Fluid Power (hydraulics, Pneumatics and Synchros & Servos), Gunner s Mate Basics, which covers the duties and responsibilities of a Gunners Mate to include Gun Mounts, Guided Missile Systems, Fire Control fundamentals, Clearing of Live Ammunition. Other topics included in this unit are 3M, Tagout, Hand Tools, Basic Machines, Naval Ordnance, Magazine Sprinkler Systems and Small Arms. Operate and maintain the following small arms: a. Rifles, pistols, and shotguns; b. 7.62mm (M60) and .50 caliber (M2 HB) machine guns; c. Grenade launchers. Prerequisite: Must have normal color perception NOTE: This course is a prerequisite for P122061/A-121-0522 "MK41 VLS Operation"

PRE-REQUISITE:

COURSE NOTES:

P142380	C-646-2011	U	AVIATION ORDN A SCHOOL	3.2w	PNTP	Pensacola, FL
ECL:	70A			**EIMET:**	No	

This course is designed to provide Navy and Marine Corps personnel with basic knowledge and skills training to perform as Aviation Ordnancemen. Graduates of this course will perform at the apprentice level, within AIMDs and OMDs both, ashore and afloat, under all operating conditions, with appropriate supervision. Topics for this course include Aviation ordnance publications, records and reports, basic and avionics corrosion control, naval aviation maintenance program, basic electricity and electronics, safety precautions and procedures, and airborne weapons.

PRE-REQUISITE:

COURSE NOTES:

P142381	C-646-2012	U	AO - NAVY DIFFERENCE TRNG	3w	PNTP	Pensacola, FL
ECL:	70A			**EIMET:**	No	

Upon completion of this course, the Aviation Ordnancemen assigned to Shipboard, Shore and Combatant Weapons Departments as conventional weapons handlers, will have the sufficient knowledge and skills of procedures and safety requirements for receiving, transferring and storing conventional weapons, assembly and disassembly of bombs and rockets, loading and unloading flare and rocket launchers and the Linkless Ammunition Loading System, and the canning and decanning of miscellaneous ordnance, in accordance with applicable publications, while working under minimum supervision in a shipboard or shore environment.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P142409	J-123-0568	U	MK32 SVTT OPS/MT	1.8w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

MK32 SVTT OPS/MT To provide technical and practical training on the operation and maintenance of the MK-32 SVTT. This includes the MMK-46 and MK-50 Torpedo, in handling, loading, down loading and receipt inspections. Also, operational maintenance on the MK-46 and MK-50 Torpedo. This course does not contain technical training equipment on the Torpedo Firing Doors, or the CG-47 Ship Class Torpedo Strikedown Lift System. SCOPE: 1. This course provides classroom instruction, laboratory demonstration and practical applications for the MK-32 SVTT. a. General characteristics, capabilities and limitations b. Safety precautions and emergency procedures c. Torpedo Tube maintenance d. Loading and unloading e. Prefire, firing, and postfire procedures 2. This course provides classroom instruction, laboratory demonstration for the MK-46 and MK-50 Torpedoes. a. General characteristics b. Safety precautions and emergency procedures c. Packing and unpacking d. Shipboard Torpedo maintenance (including recovery and post-run maintenance) e. Record keeping and report preparation.

PRE-REQUISITE:

COURSE NOTES:

P142432	K-050-2131	U	LAMPS AVIA ORD HANDLING	0.8w	PSSN	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

This course is designed to provide a LAMPS Aviation Ordnance Handling Team with the knowledge and skills to safely install and remove aircraft accessories on the MK-46 and MK-50 Torpedoes for HARDPOINT HOOK-UP on the SH-3/SH-60 B/F Helicopters. This course will provide technical instruction in a LAMPS team s functions and duties, OTTO fuel safety and emergency procedures, Weapons inspections, special tools, equipment and accessories, and also provide practical training in the installation and removal of aircraft accessories on the MK-46 and MK-50 Torpedoes for HARDPOINT HOOK-UP on the SH-3/SH-60 B/F Helicopter.

PRE-REQUISITE:

COURSE NOTES:

P142444	CIVCONTR	U	GCS MK160MOD9/MK46MOD1 OSS	6w	PTCL	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Gun Computer System (GCS) MK 160 Mod 9/Optical Sight System (OSS) Mk46 Mod 1 Operation and Maintenance (O&M) Course Purpose: This course is designed to provide ITT personnel the training necessary to perform operational procedures, preventive, and document corrective maintenance on the GCS MK 160 Mod 9 and OSS MK 46 Mod 0 components under all conditions of readiness. This course is designed to provide the knowledge necessary for IT Personnel to operate and maintain the GCS MK 160 MOD 9 and OSS MK 46 MOD 1. Emphasis will be made of equipment-level as well as system-level connectivity, data interface, and operation. In support of these goals the following topics are planned:1) Gun Weapon System (GWS) MK 34 MOD 2 General, Physical, Documentation and Functional Descriptions2) Gun Computer System (GCS) MK 160 MOD 9 General, Physical, Documentation and Functional Descriptions3) Optical Sight System (OSS) MK 46 MOD 1 General, Physical, Documentation and Functional Descriptions All preventive maintenance is taught in accordance with established PMS requirements and guidelines. All corrective maintenance is taught and performed in accordance with documented/published procedures. Method of teaching: Classroom lecture and practical laboratory exercises Prerequisites: Invitational Travel Orders required and Normal Color Vision Maximum Class Size: 12 students

PRE-REQUISITE:

COURSE NOTES:

P142448		U	INTL MK46 T/QA FOR SUPV	2w	PSWE	Keyport, WA
ECL:	70A			**EIMET:**	No	

Quality Assurance Supervisory training on all phases of MK 46 Torpedo Intermediate Maintenance, includes inspection, reports, training, and certification requirements.

PRE-REQUISITE:

COURSE NOTES:

P145000		U	PATROL OFFICERS COMMUNICATION COURSE	5w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

To provide selected junior officers and senior enlisted specialized unclassified training in the theory, selection, operation, and tactical employment of portable field communication equipment. The training will enhance students proficiency and skills required to conduct land and waterborne tactical communications using voice and data HF, VHF, and UHF communication systems. This course can be offered in Spanish.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course can be offered in Spanish.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145001		U	LM2500 GAS TURBINE TRAINING	1.6w	PNSE	Philadelphia, PA
ECL:	70			**EIMET:**	No	

LM2500 GAS TURBINE TRAINING Course overview: This course is intended for Foreign Navy personnel who utilize the General Electric LM2500 for ship propulsion and power generation. This course will teach the student the principles, construction, function, components, and maintenance philosophy of the LM2500 gas turbine. Course Content:- Gas Turbine Theory- LM2500 Major Assemblies- LM2500 Accessories- LM2500 Secondary Systems- Base Enclosure- Borescope Inspections - Preventative Maintenance- Corrective Maintenance

PRE-REQUISITE: This course is designed for personnel who have:- A basic understanding of the theory of gas turbine engines.- Mechanical skills and the ability to use hand tools.- A reasonable ability to read and understand English.

COURSE NOTES:

P145004	A- 4H-0064	U	SWO PEO GAS TURBINE	9w	PSWS	Newport, RI
ECL:	80			**EIMET:**	No	

SURFACE WARFARE OFFICER (SWO) PROSPECTIVE ENGINEERING OFFICER (PEO) FOR GAS TURBINE PLATFORM To provide advanced engineering systems and management training to officers enroute to Chief Engineer Officer billets onboard DDGs and FFGs. Scope: This course is designed to prepare officers to successfully perform as Chief Engineers (CHENGs) onboard DDG and FFG class ships. Training consists of three weeks of "Common Core", which includes an in-depth explanation of engineering theory and engineering management programs including Maintenance University (2 days) and Advanced Shipboard Firefighting (2 days). Upon completion of Common Core, the students are separated by hull type and receive five weeks of hull-specific Gas Turbine Specialty Training. This specialty training covers Main Propulsion, Auxiliaries, and Electrical systems and includes the use of computer based simulators and console trainers in the execution of engineering evolutions and casualty control procedures. The ninth and final week is Hot Plant and Material Self Assessment training accomplished onboard a hull of the applicable ship class. Students are required to complete multiple written tests, level of knowledge oral boards, homework, P-Works and successfully complete a practical factors assessment by Afloat Training Group, including performance of drills and evolutions on the console trainers, in order to graduate from the course of instruction.

PRE-REQUISITE: PAYGRADE O2-O3 A portion of this training is on-board a ship. International Military Students should arrive prepared to incur the cost of the travel to and from the ship. Reimbursement (if applicable) claims for the travel expenses should be settled with the Security Cooperation Office in the student's home country."

COURSE NOTES:

P145015	K-652-0063	U	WOODWARD GOVERNOR EG-M MT	1.4w	PFC2	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

WOODWARD GOVERNOR MAINTENANCE Woodward Governor Maintenance course is designed to provide enlisted personnel in paygrades E-5 and above (and equivalent military and civilian personnel) with knowledge and skills to perform maintenance on Woodward Governors: 2301 and associated actuators such as EGR, EGB-10C and EGP-2P. Scope: The course consists of Safety Precautions; Oils for use in Hydraulic Governors; Basic Hydraulics; EG-R, EGB-10C, and EGB-2P Governor/Actuator; 2301 Electric Components; and EG-R, EGB-10C, and EGB-2P Maintenance.

PRE-REQUISITE:

COURSE NOTES:

P145021	A-651-0011	U	BASIC ENGINEERING COMMON CORE ADVANCED (BECC)	3.4w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

Scope: Designed to teach all engineering ratings the basic skills necessary to rapidly assimilate into a shipboard engineering environment upon arrival to their first ship. Type Course: A1 ENLISTED 'A' SCHOOL

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145023	K-651-2151	U	STEAM GEN PLANT INSPECTOR	5w	PTC2	San Diego, CA
ECL:	70A			**EIMET:**	No	

The Steam Generating plant Inspector Certification course is primarily designed to train and certify personnel in the Machinist Mate rating in pay grades E-7 through E-9 and selected officers (i.e. INSURV, PED) and civilians with the knowledge and skill required to inspect propulsion, auxiliary and waste heat steam generating plants. The certification program will provide technical instruction in propulsion, auxiliary and waste heat steam generating plant inspection. The program will teach inspection criteria and evaluation of the four major loops within the steam generating plant; boiler inspection, automatic boiler control inspection, oil/water laboratory inspection, and support machinery and equipment to include: Inspect for material condition, monitor general readiness, and diagnose improper operating procedures and equipment casualties/failures. Recommend appropriate operational and maintenance corrective measures. Detail repairs of all types of boilers (main propulsion, auxiliary and waster heat). NOTE: STUDENTS MUST HAVE SUCCESSFULLY COMPLETED TRAINING IN P145022, AND P145034.

PRE-REQUISITE:

COURSE NOTES:

P145027	K-652-2196	U	OIL POLLUTION ABATE EQUIP	0.6w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

The Oil Pollution Abatement Equipment Operation and Maintenance course is designed to train selected shipboard personnel in the safe operation and maintenance of oil pollution abatement equipment. Scope: 1. Teach the Navy's policy concerning oil pollution and it's effect on ecology. Emphasize the Navy's commitment to maintain clean water. 2. Explain the theory of operation in the various modes for the following Oil Water Separators (OWS) and Oil Content Monitor (OCM) onboard ships: OWS's = OPB-10NP, C-50, and CPS-3B15; OCM = ET-35N. 3. Related safety precautions. 4. Preventive and corrective maintenance on Oil Pollution Abatement Equipment.

PRE-REQUISITE:

COURSE NOTES:

P145029	A-651-0012	U	ENG PROFESSIONAL APPRENTICESHIP CAREER TRACK	4w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

Designed to teach all engineering ratings the basic skills necessary to rapidly assimilate into a shipboard engineering environment upon arrival to their first ship. TYPE COURSE: A1 ENLISTED 'A' SCHOOL Delivery method: Web based Internet with traditional instructional personnel.

PRE-REQUISITE:

COURSE NOTES:

P145033	A-651-0089	U	ELEC AUTO BOILER CTR OP	1.8w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

ELECTRONIC AUTOMATIC BOILER CONTROLS CONSOLE OPERATOR Provides the necessary instruction and information for students to become certified in the Console Operation of the Electronic Automatic Boiler Controls (EABC) system. This is a contractor taught course for Norfolk and San Diego. Scope: The course curriculum consists of classroom, lab, homework, and tests.

PRE-REQUISITE:

COURSE NOTES:

P145037	A-150-2300	U	INFO SYS MAINT TECH	12w	PTC5	San Diego, CA
ECL:	70			**EIMET:**	No	

INFORMATION SYSTEMS MAINTENANCE TECHNICIAN Purpose: To provide personnel of the ET rate apprentice level instruction for preventive and corrective maintenance of Navy Information Systems. The course will provide classroom instruction and hands-on training on systems including Integrated Shipboard Networking System (ISNS), Global Command and Control System Maritime (GCCS-M), and related hardware, software, operating systems, and peripheral devices, as applicable. Scope: Instructional areas to include A+, Tactical Computer-Three (TAC-3), Tactical Computer-Four (TAC-4), HP-3600, HP-6000, V240, DL380, Uninterruptible Power Supplies (UPS), Satellite Communications (SATCOM) peripheral devices, ON-143(V)6, ON-143(V)14, Generic Front-End Communications Processor (GFCP), Link Converters, Fiber Optics, XYLAN OMNI Switch, CISCO Routers, and Local Area Networks (LAN). Provides a working level knowledge of Windows 2000/XP, UNIX, Cisco Internetworking Operating System (IOS) and an overview of Global Command and Control Systems (GCCS), and Naval Tactical Command Support System (NTCSS) applications. Provides instruction on initial system setup, basic administration and operational checks on various Naval systems.

PRE-REQUISITE: OTHER=ET 'A' school grad, PAYGRADE=E3-E7, RATE=ET

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145038		U	FIBER OPTIC MAINTENANCE AND REPAIR	1w	VAR	
ECL:	70			**EIMET:**	No	

Purpose - To provide Technicians with the knowledge and skills necessary to effectively test and repair Fiber Optic Cables. Description - This course will provide the requisite skills and knowledge to perform fiber optic repair and maintenance. The student will learn the components, theory, cable types, connectors, repair concepts and maintenance of Fiber Optics. The student will practice skills required to install connectors, make mechanical splice repairs and utilize test equipment. Target Audience - Technicians whose equipment contains fiber optic. Examples, FC rating (ACNT), IC (FODMS), VLS (Mod 2 and 20).1. Classroom will require an overhead projector.

PRE-REQUISITE: 1. Completed Equipment Technical Training

COURSE NOTES:

P145040	A-652-0052	U	ENGINEMAN STRAND	1.8w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

TYPE COURSE: A1 ENLISTED 'A' SCHOOL

PRE-REQUISITE:

COURSE NOTES:

P145041	A-652-0053	U	GAS TURBINE (ELECTRICAL AND MECHANICAL) STRAND	2.6w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

TYPE COURSE: A1 ENLISTED 'A' SCHOOL

PRE-REQUISITE:

COURSE NOTES:

P145043	A-652-0505	U	MARINE GAS TURBINE TECHNICAL TRNG	8w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

Tailored MGTI course for Internationals. Course includes both classroom and on-the-job training (OJT). A certificate of completion will be granted upon successful completion of a final written and oral examination. The course provides personnel in the gas turbine field who have a fundamental background, the knowledge and skills required to perform the tasks and functions of a Marine Gas Turbine Inspector (MGTI). To successfully complete this course the trainee must demonstrate effective communication skills, troubleshooting procedures, technical assistance, and inspection procedures, through testing, labs and shipboard OJT. This course enables the student to analyze data to develop a troubleshooting plan to recommend repair to a gas turbine engine, perform periodic inspections, and conduct intermediate level repair procedures. The student will also gain insight to periodic maintenance plans and gas turbine intake and exhaust inspection and maintenance requirements. Special Notes: Overalls and safety shoes required for OJT.

PRE-REQUISITE:

COURSE NOTES:

P145044		U	AN/WSN-7(V)1 SURFACE OP MT	3w	PWRS	Norfolk, VA
ECL:	70			**EIMET:**	No	

Provides technicians with the skills and knowledge necessary to operate and maintain the AN/WSN-7 with limited supervision, and to perform selected preventive and documented corrective maintenance on RLGN equipment. Special Notes: General knowledge in electronics Normal color vision Working uniform/casual business attire

PRE-REQUISITE:

COURSE NOTES:

P145045		U	MSC SHIP SENIOR ENGINEER TRAINING	1w	VAR	
ECL:	70			**EIMET:**	No	

An overview of issues relevant to MSC Chief and First Assistant Engineers. The following items are discussed: MSC Maintenance Philosophy and Strategy, MSC Lube Oil and Chemical Contracts, SAMM, ABS Contract, Environmental Policy, Lubrication Program, Fuel Program, Corrective Maintenance, Safety Program, and Ship Clip.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145052	A-690-0099	U	CGO/WPNS ELEVATOR ELEC MT	3.2w	PSS4	Great Lakes, IL
ECL:	80R			**EIMET:**	No	

To provide personnel in the Electrician s Mate rating with the knowledge and skills required to safely maintain cargo/weapons elevators in accordance with the Preventive Maintenance System (PMS), and make organizational level corrective maintenance to the control subsystems in accordance with the Ship s Maintenance and Material Management (3-M) (OPNAVINST 4790.4) and NAVSEA technical manuals and directives. The behavior listed will be carried out with minimum supervision, for all conditions of ship readiness, inport and underway.

PRE-REQUISITE:

COURSE NOTES:

P145053		U	MSC DECK OFFICER AND PORT ENGINEER TRAINING	1w	VAR	
ECL:	70			**EIMET:**	No	

An overview of issues relevant to MSC Deck Officers and Port Engineers. The following items are discussed: MSC Maintenance Philosophy and Strategy, MSC Paint Contract, SAMM, Peng, ABS Contract, Environmental Policy, Lubrication Program, Fuel Program, Corrective Maintenance, Safety Program, Ship Clip, and Dry Docking.

PRE-REQUISITE:

COURSE NOTES:

P145054	A-062-0503	U	STRATEGIC LEVEL SMALL CRAFT COMBTG TERR (SLSCCBT)	4w	PNST	Stennis Space Center, MS
ECL:	80			**EIMET:**	No	

STRATEGIC LEVEL SMALL CRAFT COMBATING TERRORISM (SLSCCT) COURSE Purpose: To provide education to senior officers (0-6), (0-5), and (0-4) or civilian equivalent leaders on strategic theory of standing up, leading and operating a Combating Terrorism (CbT) small craft unit, operational campaign design focusing on counter-terrorism, maritime domain control, and counter-narcotics. Length/Scope: A four week in-resident course consisting of seminar-style instruction where students will have the opportunity to examine the interplay between military/unit organizational culture and the effectiveness of counter-terrorism policy as it plays out at the operational, and strategic levels across a range of different maritime focused units. The course of instruction will include; maritime security doctrine, operational command and control, training and readiness, organizational leadership, material craft and equipment suitability, logistics, maintenance sustainability, professional military education, and maritime facilities infrastructure. Special Information: In addition to the general prerequisites, students should be familiar with small craft operations, be assigned to a unit with a CbT mission or in a government position with a CbT focus. NAVSCIATTS will issue students the necessary safety and training equipment required for this course.

PRE-REQUISITE:

COURSE NOTES: ***Attention SCOs/FSNs***Note 1: All students will be lodged off base. Please see JTR tables for appropriate TLA entitlements (Slidell, LA; Zip code is 70461). All students will require a rental vehicle, please note this on ITOs, line 12h. Car-pooling for officers from the same country is highly encouraged. Note 2A: Military students are required to bring a formal uniform (for graduation and reception ceremonies); 1-2 business suits (for social events/travel); appropriate uniforms for classroom sessions; and civilian attire for travel and off-duty time. Note 2B: Civilian students are required to bring 2-3 business suits (for graduation and reception ceremonies); appropriate civilian attire (for social events, travel, classroom sessions, off-duty time).Note 3: All students will be issued laptops for the duration of this course only. Note 4: Weather in Feb-May is rainy and cold, warming up by May. June-July is hot, humid and rainy.

P145055	K-652-2205	U	LAMPS MK-3 RAST MECHANICAL	2.6w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Designed to train selected Naval and other authorized personnel with knowledge and skills necessary to perform organizational maintenance on the Recovery Assist, Securing and Traverse (RAST) System. 1. Clarify safety procedures and other precautionary measures through the use of technical documentation. 2. Theory and associated documentation to support all corrective maintenance. 3. Generate effective communication with Landing Safety Officer and RAST technicians. 4. Perform operational procedures, preventive maintenance, and fault isolation (troubleshooting) and repair procedures. This is a contractor taught course for Norfolk.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145058		U	GAS TURBINE TRAINING MACHINERY CONTROL SYSTEM	3w	PNSE	Philadelphia, PA
ECL:	70			**EIMET:**	No	

GAS TURBINE TRAINING MACHINERY CONTROL SYSTEM This course includes both Class room and On-the-Job / Laboratory Training. A Certification of Completion will be granted upon successful completion of a final written examination. The course provides personnel in the Gas Turbine field who have the fundamental background, the knowledge and skills required to perform the tasks and functions, of an "I" level technician and operator. To successfully complete this course the trainee will demonstrate effective communication skills, troubleshooting procedures, and inspection procedures, through testing, and labs. The operations portion of this course takes the student from cold iron plant status to full power plant steaming status through the use of EOSS procedures conducted on a fully simulated machinery control console system in a laboratory environment. After displaying safe normal plant evolutions the student will be given classroom review of proper Casualty Control responses in accordance with standard EOCC. The student will then return to the lab to demonstrate safe casualty control of simulated machinery malfunctions. This course enables the student to analyze data to develop a troubleshooting plan to recommend repair to a gas turbine engine, perform periodic inspections, and conduct intermediate level repair procedures. The student will also gain insight to periodic maintenance plans and gas turbine intake and exhaust inspection and maintenance requirements. This course is 3 weeks in duration.

PRE-REQUISITE: This course is designed for personnel who have:-A basic understanding of the theory of gas turbine engines.-Mechanical skills and the ability to use hand tools.-A reasonable ability to read and understand English.

COURSE NOTES:

P145060	CIVCONTR	U	11 METER RIB ENGINE TRAINING	2w	PPUM	Jackson, MS
ECL:	70A			**EIMET:**	No	

11 Meter NSW RIB Engine Repair Course

PRE-REQUISITE:

COURSE NOTES:

P145061	CIVCONTR	U	11 METER RIB ELECTRICAL SYS & FIBERGLASS REPAIR	2w	PUMI	Gulfport, MS
ECL:	70			**EIMET:**	No	

11 Meter NSW RIB Electrical, Fiberglass, Radio training Course

PRE-REQUISITE:

COURSE NOTES:

P145062		U	PATROL CRAFT OFFICER COASTAL (PCOC)	9w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

PATROL CRAFT OFFICER COASTAL (PCOC)To provide International Military Junior Officers and Senior Enlisted personnel a basic nine-week training course in the operation of small boats in a coastal environment. Special Notes: FOR INTERNATIONAL MILITARY STUDENTS ONLY.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and enlisted personnel. Students are required to bring ONE pair of boots and TWO sets of camouflaged utilities. NAVSCIATTS will issue all students PT gear (shirts and shorts only), and all the necessary safety and training equipment required for this course. This course can be taught in English or Spanish, check with IMSO for dates.

P145068	K-041-2048	U	MAGAZINE SPRINKLER OPS/MT	0.8w	PFCS	San Diego, CA
ECL:	70			**EIMET:**	No	

To train personnel in proper operation, testing casualty analysis, preventive maintenance, and repair of salt water activated magazine sprinkler systems and associated thermo-pneumatic automatic controls. Course includes classroom and laboratory instruction including theory of operation, valves, thermo-pneumatic controls and piping. During practical sessions students operate, test, isolate casualties, and repair operational classroom mock-up sprinkler systems.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145071		U	CT BOAT CREW TRAINING	1w	VAR	
ECL:	70			**EIMET:**	No	

CT BOAT CREW TRAINING Description: Contractor provided training and support to Iraqi boat crews while in CONUS. This training will provide students the basic knowledge, skills, and abilities necessary to man and operate boats built in U.S. contractor facilities.

PRE-REQUISITE:

COURSE NOTES:

P145072		U	CT ENGINEERING TRAINING	1w	VAR	
ECL:	70			**EIMET:**	No	

CT-ENGINEERING TRAINING Contractor provided training and support to Iraq Engineers during the construction of ships/boats to be transferred to the Iraqi Navy. This training will take place in the contractor's facility and provide an introduction to the contractor facility along with observation of shipbuilding techniques throughout the entire construction phase.

PRE-REQUISITE:

COURSE NOTES:

P145077	OJT	U	OJT - GENERATOR CONTROL UNIT (GCU)	1w	PNNI	San Diego, CA
ECL:	70			**EIMET:**	No	

a. Detect and seal oil leaks/spillages. b. Diagnose electrical (hidden) faults. Focusing on faults that cause spikes/notches of output phase voltage. c. Testing of Silicon Controlled Rectifiers (SCR's)d. Testing procedures using the Testek Aircraft Engine Components Test Stand (AECTS).e. Identification of the differences between P/N 971E325G1 and the ".modified GCU (possibly P/N VSH1189-1)." will be on made on a completely unofficial and informal basis since GCU P/N VSH1189-1 is not in the USN inventory and FRCSW does not have capability for repair.

PRE-REQUISITE:

COURSE NOTES:

P145078	CIVCONTR	U	SPECIAL EVOLUTIONS TRNG (NAVY SPECIFIC MANEUVERS)	0.2w	PFTM	Mayport, FL
ECL:	70			**EIMET:**	No	

Special Evolutions Training (Navy Specific Maneuvers): Four hour modules of Kongsberg Polaris V2 training, designed as professional development and self assessment for U. S. Navy shipboard bridge watch-standers and ship control personnel. Topics include Pier Work, Underway Replenishment, Working with Tugs, Contact Management, Flight Operations, Conning (general, swept, and narrow channel), Tactical Maneuvering, Man Overboard, Plane Guard, Math for the OOD (I&II), and Low Visibility Navigation, among others. Class size is limited to six students. Instruction is primarily intended for conning officers, but most scenarios include a training opportunity for other key personnel. Refer to the applicable instructional module for information on intended training audience and other training opportunities. Class format for Special Evolutions training is one hour of classroom instruction, and three hours of simulator training. In general, for the Special Evolutions training to be most effective, it is recommended that the four-hour modules not be broken apart. For example, students will get more out of four hours of pier work than they will from two hours of UNREP work and two hours of harbor transit work. The Special Evolutions topic or scenario, and, if necessary, additional information must be entered by the command in the training request. To enhance training, commands are encouraged to bring plotting kits, charts, maneuvering boards, pencils, and any other applicable support material required as the facilities have limited supplies on hand. Special Evolutions Topics and scenarios CONREP (including personnel transfer)UNREP Approaches and Departures Man-overboard maneuvers Aviation Operations on Surface Ships/Plane Guard Tactical Maneuvering Working with Tugs Conning - general, swept and narrow channels Pier work Math for the OOD (1) BRM Refresher (8hrs) CO/XO Challenge Emergencies and Equipment Failure Precision Anchoring Rules of the Road Buoy Mooring Mediterranean Mooring Towing/Being Towed Anti-collision Procedures Navigation Techniques Ship handling Concepts Math for the OOD (2) Personnel Transfer - Ship-to-Ship (By Small Boat) Contact Management Low Visibility Ops ARPA - Introduction to or Refresher ECDIS-N - Introduction to or Refresher Lookout 1Notes: 1. Math for the OOD, Advanced - radian rule, 5-degree maneuver, doubling angle on the bow 2.Math for the OOD, Basic - 3 minute / 1 minutes rules, shadow zone, surge rates Training is located at Afloat Training Group Mayport and taught by Civilian Contractor C2S2/MSS/MEBU/Engineering Services.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145083	S-062-0030	U	WATERBORNE INSTRUCTOR COURSE RIVERINE	9w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

This course will provide International Military Junior Officers and Senior Enlisted personnel advanced training to operate small craft in a Riverine and Littoral environment by providing the students with advanced skills and knowledge acquired through classroom lecture and operational scenarios. Successful graduates will be able to perform and teach group individual tasks during day and night evolutions, Basic Life Support, Littoral Navigation, Water and Land Patrolling, Intercepts, Night Vision Goggle Operations, Board and Search, IAD's, Insert/Extract and emergency procedures. This course is an attrition course, with Drop On Request (DOR) procedures in place, student must successfully complete each course training module prior to advancing to the next topic. Special Notes: At a minimum, students should be in good health, with normal vision (20/20 with or without glasses), normal hearing and manual dexterity. Additionally, students should be able to read and comprehend basic writing and mathematical skills in the course session language (English or Spanish) and have basic computer skills. Security Cooperation Officers must include in the ITO special instruction section or provide written certification that each student selected was screened to attend the Water Borne Instructor Course Riverine and are able to lift a minimum of 40 Lbs. and perform strenuous physical exercise. Students will be required to successfully perform the following tests during the first week. Physical Standards Test: Perform a minimum of 42 push-ups in 2 minutes, 2 minute rest, Perform a minimum of 50 sit-ups in 2 minutes, 2 minute rest, Perform a minimum of 6 pull-ups(no time limit),10 minute rest, Run 1 ½ miles wearing running shoes in under 15 minutes. US Navy 3rd class Swim test equivalent; Swimmer must appear comfortable performing a basic crawl stroke, breaststroke, sidestroke, in 25 yard intervals, for a total of 75 yards. Following demonstration of stroke proficiency the student must be able to float prone, while maintaining position, for 5 minutes and then transition into a back float prior to exiting the pool. Students must have the ability to float wearing all the combat gear using required flotation equipment. Failure to meet test requirements will result in student removal from the course of instruction and subsequent return to country of origin.

PRE-REQUISITE: This is an advanced course offered to selected graduates of the Basic Patrol Craft Officers Course (S-062-0019A) or personnel with equivalent level of training which enables the student to master requisite skills needed to effectively carry out missions and provide training to members of partner nation armed forces or civilian equivalent organizations whose primary mission is to combat terrorism, interdict illicit contraband, conduct counter narcotics operations or provide waterborne special operations support in riverine and littoral environment.

COURSE NOTES:

P145092	A-701-0058	U	ULTRASONIC/EDDY CURNT INSP	7.4w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To provide Naval Personnel in the HT rating, E4-E7, in Ultrasonic inspections to determine percentage of bond on braze joints, thickness inspection on plate and pipe, and shearwave inspection to test welds. SCOPE: Duties and responsibilities of the nondestructive testing operator/inspector utilizing the following inspection processes: Ultrasonic inspection to determine percentage of bond on braze joints, thickness inspection on plate and pipe, and shearwave inspection to test welds.

PRE-REQUISITE: PAYGRADE E4-E7 RATE HT

COURSE NOTES:

P145094	A-652-0057	U	MACHINIST MATE STRAND	1.8w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To provide the basic technical knowledge and skills required to prepare the Sailor for an Apprentice MM position.Description:Course designed to provide designated strikers, cross-rating personnel, OSVETS and all Machinist Mates E1 and above, with the Fundamental, Entry-level knowledge and skills in the following areas: Basic Steam Cycle Drawing Familiarization, Basic Steam Cycle, Boiler Fundamentals, Steam turbine, 600 Main and Aux Steam, Reduce Pressure Steam, Reduce Pressure Steam SIM, Casualty Control Procedures and Prop. Fam, MLOC, Engineering Theory and Principles - Basic, Engineering Theory and Principles - Energy, Gasses, Engineering Theory and Principles - Electricity, Engineering Theory and Principles - Fluid Dynamics, Air Conditioning, Refrigeration and Chill Water Systems, Steam Plant Indoc/Safety Brief, MLOC, Deaerating Feed Tank (DFT), Main Engine Lube Oil System, Fuel Oil Service System, Main and Auxilliary Air Ejectors and Condensers, Auxilliary Exhaust System, Main Engine Gland Sealing Steam System, Distilling Plants, Principles of Ship Propulsion.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145100	K-821-2142	U	PROPUL FUEL TESTING-SHPBD	0.8w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

The Shipboard Propulsion Fuel and Oil, JP-5 System and Fuel Testing course is designed to provide Oil King and fuel handling personnel basic knowledge, and the skill necessary to operate/maintain propulsion/JP-5 shipboard fuel systems, to monitor the quality of shipboard fuels through a vigilant fuel testing program, and provide familiarity with logs, records, and reports necessary to monitor fuel and oil usage. Scope: Instruction of the physical properties of propulsion/JP-5 fuels used in Navy ships and aircraft and the significance of the quality test performed thereon; functional training regarding steps and procedures to conduct required quality surveillance testing of propulsion, JP-5 fuels and oils used in Navy ships and aircraft; lubricating oil management, the Navy Oil Analysis Program (NOAP) and logs, records, pollution abatement and control, and reports needed to monitor shipboard fuel and oil use; and characteristics and hazards of fuel tanks, transfer, stripping and service piping, pumps, and filters.

PRE-REQUISITE: Students must be non-allergic to petroleum products.

COURSE NOTES:

P145104		U	MARINE GAS TURBINE TECHNICAL TRNG	2w	PNSE	Philadelphia, PA
ECL:	70			**EIMET:**	No	

Course includes both classroom and on-the-job training (OJT). A certificate of completion will be granted upon successful completion of a final written and oral examination. The course provides personnel in the gas turbine field who have a fundamental background, the knowledge and skills required to perform the tasks and functions of a Marine Gas Turbine Inspector (MGTI). To successfully complete this course the trainee must demonstrate effective communication skills, troubleshooting procedures, technical assistance, and inspection procedures, through testing, labs and shipboard OJT. This course enables the student to analyze data to develop a troubleshooting plan to recommend repair to a gas turbine engine, perform periodic inspections, and conduct intermediate level repair procedures. The student will also gain insight to periodic maintenance plans and gas turbine intake and exhaust inspection and maintenance requirements.

PRE-REQUISITE:

COURSE NOTES: Overalls and safety shoes required for OJT.

P145108		U	ATG MAYPORT OJT	0w	PFTM	Mayport, FL
ECL:	70			**EIMET:**	No	

To support Naval Officers and Enlisted from various countries to visit ATG Mayport and learn about ATG's organizational structure and training methodologies

PRE-REQUISITE:

COURSE NOTES:

P145109	OJT	U	FINAF HYDRAULICS OJT	1w	PNNI	
ECL:	70			**EIMET:**	No	

FINAF HYDRAULICS OJT Stab Actuator 93301 Mod -6 to -7 3014000-6/-7 Inspection Criteria New Instructions? Special Repairs? Testing/Adjustment Shimming Hydraulic Pump 93301 Overhaul Procedures 65124 Inspection Criteria Testing EHV's 222880680 Test Comparisons 22280670-004 Overhaul Procedures (Single & Dual) 72097-02 Test Procedures 268193-1009 Bench Maintenance Procedures 268193-1011 975148-5 Directional Control Linear Valve (DCLV) MC14448-1 93206 Overhaul Procedures Testing Aileron Actuator 93301 Splitting Mounted Servo Valve (MSV), Hydraulic Motors &HDU 34001890-109 Overhaul Procedures for MSV LEF Testing 74A670270-1015 Shimming Overhaul Procedures for HDU Disk Brake Adjustment RVDT Shimming HDU Testing Assemble MSV to HDU Retest

PRE-REQUISITE:

COURSE NOTES:

P145112		U	DIESEL ENGINE INSPECT SEMINAR (RE-CERTIFICATION)	0.6w	PSSA	Norfolk, VA
ECL:				**EIMET:**	No	

All certified diesel engine inspectors (DEIS) and ISEA's must attend one seminar per year to maintain their certification IAW with OPNAVINST 9220.3. Discussions and presentations regarding diesel engines will be headed by DEI's and NSWCCD Diesel Program Mgrs and ISEAs. For Diesel Engine Maintenance and Inspection Training, detailed in-depth training will be facilitated by Fleet DEI's and ISEAs. Will improve communication between certified fleet diesel engine inspectors, address diesel engine inspection criteria, training, current and future trends in diesel engine inspections, operations, and maintenance procedures.

PRE-REQUISITE: Certified Propulsion and Auxiliary Plant Inspection

COURSE NOTES: Email with Message states there will be a $30.00 registration fee; uniform for E-7 and above will be dress khakis and E-6 and below, uniform of the day.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145113	MALDIVES	U	C9 CATERPILLAR ENGINE MAINT & OVERHAUL COURSE (MV)	8w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Provides designated junior officers and enlisted personnel the advanced training necessary to perform major overhaul of small craft diesel engines. Consists of detailed instruction in 6V92 diesel engine specifications and characteristics, operating principles, lubrication, cooling, air, fuel, and electrical systems, and their interdependent relationship. In amplification of classroom theory, practical application techniques are employed to accomplish course objectives including the complete disassembly, inspection, repair and reassembly of a Detroit Diesel 6V92 engine in accordance with manufacturer s technical/service manuals.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and enlisted personnel. NAVSCIATTS will issue all students PT gear (shirts and shorts only), and all the necessary safety and training equipment required for this course. This course can be taught in English or Spanish, check with IMSO for dates.

P145114		U	DEVELOPING USER REQUIREMENTS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Training Ship's officer's/crew USN methods of evaluation procedures. They will in turn teach other personnel within their military.

PRE-REQUISITE:

COURSE NOTES:

P145117		U	PROPELLER (SHIP) CERTIFICATION COURSE	2.2w	PSYN	Portsmouth, VA
ECL:	80			**EIMET:**	No	

To train personnel to perform and document propeller visual preservation and technical inspection.

PRE-REQUISITE: Completion of Propeller Visual Inspection Course within last 5 years.

COURSE NOTES: All applications should be forwarded to Commanding Officer, Norfolk Naval Shipyard, Code 900T, Building 278, ATTN: Rodger Gable, Portsmuth, VA 23703-5000

P145130	CIVCONTR	U	MOS MAINT/TW	1w	PSNW	San Diego, CA
ECL:	70			**EIMET:**	No	

To provide the student with the knowledge and skills necessary to operate and maintain the MOS equipment. The course provides theory of operation, maintenance and troubleshooting procedures for MOS.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145140	CIVCONTR	U	MK 23 GYROCOMPASS COURSE	1.6w	VAR	
ECL:	70			**EIMET:**	No	

MK23 GYROCOMPASS COURSE This course provides technicians with the knowledge necessary to operate the MK 23 Gyrocompass with limited supervision. Purpose: To provide a thorough knowledge and understanding of the MK 23 Gyrocompass. Students are provided with the applicable Technical Manuals for training classes. The Technical Manuals are returned upon course completion. Course Objectives 1. Describe the theory and associated documentation necessary to support and understand the performance of normal/casualty/abnormal operational tasks without going into detailed logic, circuit analysis, individual program flow diagrams, or detailed mechanical component breakdown of the MK 23 Gyrocompass. a. Identify internal and external effects at different points on the earth s surface. b. Using technical documentation, retrieve information about gyro principles and fundamentals by locating and extracting terms, definitions, properties of gyroscopic behavior, Earth effects, and operating principles of a simple Gyrocompass control circuit. 2. Describe the theory and associated documentation necessary to support and understand the performance of normal/casualty/abnormal operational tasks without going into detailed logic or individual program flow diagrams of the MK 23 Gyrocompass. a. Interpret the characteristics of electronic components and electromechanical devices used in the MK 23 Gyrocompass using schematic symbols and technical documentation. b. Using technical documentation, retrieve information about electronic components used in gyrocompass systems by locating and extracting nomenclature, function, purpose, characteristics, specifications, operating principles, and circuit and/or part numbers. c. Using technical documentation, retrieve information about electromechanical devices used in gyrocompass systems from technical references by locating and extracting nomenclature, function, purpose, electrical characteristics, specifications, input and output data, operating principles, and circuit and/or part numbers. d. Using technical documentation, retrieve information about the turn-on, emergency procedures, shutdown, troubleshooting, and corrective maintenance procedures. e. Given a diagram of the MK 23 Gyrocompass label all controls, indicators, and alarms. f. Using technical documentation, retrieve information about the AC Power Distribution system by locating and extracting the function/purpose of the subassemblies and components and loads supplied. g. Given a diagram of the MK 23 Gyrocompass AC Power Distribution system label all components. h. Using technical documentation, retrieve information about the Power Supply Control Unit by locating and extracting the function/purpose of the subassemblies and components and loads supplied. i. Given a diagram of the MK 23 Gyrocompass Power Supply Control Unit label all components. j. Using technical documentation, retrieve information about the Power Supply Unit by locating and extracting the function/purpose of the subassemblies and components and loads supplied. k. Given a diagram of the MK 23 Gyrocompass Power Supply Unit label all components. l. Using technical documentation, retrieve information about the DC Power Supply by locating and extracting the function/purpose of the subassemblies and components and loads supplied. m. Given a diagram of the MK 23 Gyrocompass DC Power Supply label all components. n. Using technical documentation, retrieve information about the Voltage Compensator by locating and extracting the function/purpose of the subassemblies and components and loads supplied. o. Given a diagram of the MK 23 Gyrocompass Voltage Compensator label all components. p. Using technical documentation, retrieve information about the Gravity Reference System by locating and extracting the function/purpose of the subassemblies and components and loads supplied. q. Given a diagram of the M

PRE-REQUISITE:

COURSE NOTES:

P145150	A-495-0035	U	HT STRAND	4.4w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To provide the basic technical knowledge and skills required to prepare the sailor for an apprentice HT position. SCOPE: Course designed to provide designated strikers, cross-rating personnel, OSVETS and all Hull Maintenance Technicians, E1 and above, with the fundamental, entry-level knowledge and skills in the following areas: oxyacetylene cutting, silver brazing, shielded metal arc (SMA) welding and collection holding and transfer systems (CHT). These basic comprehension and demonstration of these basic skills are measured by the successful completion of 13 hands on practical test, 4 written test and 4 computer based trainings.

PRE-REQUISITE: Must be qualified for sea duty. Normal color perception required. PREREQUISITES RATE FA/FN/SR

COURSE NOTES:

P145228	A-690-0078	U	FFG-7 SHIP DEGAUS SYS MT	2w	PSS4	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

This course is designed to provide personnel in the Electrician s Mate rating in paygrades E4 through E9, with the knowledge and skills required to OPERATE, TROUBLESHOOT, and REPAIR, to the subassembly or component level, shipboard MCD-1 Automatic Degaussing Systems installed on FFG-7 Class Ships. Planned Maintenance (PMS) actions will be performed in accordance with applicable OPNAV and NAVSEA directives, and corrective maintenance will be performed in accordance with NAVSEA equipment technical manuals. The job skills acquired will be performed with limited supervision, for all conditions of ship readiness. SCOPE: 1. Observe equipment electrical safety precautions. 2. Identify components of the Degaussing System IAW NAVSEA 0981-LP-070-7010. 3. Light off, operate, perform operational checks, and secure in both Automatic and Manual modes of operation. 4. Trace signals through system schematic drawings, analyzing their effects on various components, and overall operation of the system in both the Automatic and Manual modes of operation. 5. Isolate faults to the component/card level, analyzing voltages and waveforms at recommended test points in the switchboard and power supply, using an oscilloscope and a digital voltmeter. 6. Perform operational, output, and alignments adjustments in the switchboard and power supply units. 7. Perform preventive maintenance actions in accordance with applicable OPNAV and NAVSEA directives.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145233		U	AN/SSN-6 NAVSSI O&M	1w	PSN1	San Diego, CA
ECL:	70			**EIMET:**	No	

AN/SSN-6 Navigation Sensor System Interface (NAVSSI) Operation and Maintenance (O&M) The NAVSSI Course will provide operation and maintenance training. Operator Training will include a basic introduction, including how to use the training guide; points of contact; background and program history; NAVSSI purpose basic configuration, and system interfaces, as well as a hardware overview of RTS, DCS and NRSÆs, and system start -up and shutdown. Passwords/password levels and software, such as COMDAC software, use of Common Desktop Environment, and overview of troubleshooting windows will also be presented. A workbook is given to students, which includes 12 lessons to be completed by the student. Maintenance Training will include a basic introduction, including how to use the training guide; points of contact; background and program history; NAVSSI purpose and basic configuration; and system interfaces. A hardware overview will include RTS, DCS and NRSÆs subsystems and components; equipment drawings and lists of controls and indicator; circuit board graphics and settings; and signal flow diagrams and interconnection diagrams. System start -up and shutdown, safety measures, routine maintenance, corrective maintenance)troubleshooting and fault isolation using system fault indicators; system alarm troubleshooting; system alert troubleshooting tables and flow charts; maintenance shutdown procedures, emphasizing the importance of a proper orderly shutdown) and system administrator functions are presented. Students will also identify components of each rack with equipment running, observing controls and indicators and use the systems pull-down windows for troubleshooting and maintaining the system. Prerequisites: Normal color vision; Invitational Travel Orders required; Minimum ECL Score of 70% MAX Class Size: 8 Operators and 8 Maintainers

PRE-REQUISITE:

COURSE NOTES:

P145243	A-652-0158	U	FFG-7 AUX MECH SUBSYS MT	3.4w	PSS4	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

Enables selected personnel in pay grades E-2 thru E-7 of the Engineman rating, assigned to the Engineering Department of the FFG-7 Class ships, to perform organizational level maintenance on the mechanical components of the Oily Water Separator, Pallet Elevator System, Service Air and High Pressure Air Systems and associated Dehydrators. Provides classroom information and practical application about the Auxiliary Mechanical Systems installed onboard FFG-7 class ships.

PRE-REQUISITE:

COURSE NOTES:

P145251	A-652-0172	U	FFG-7 AUX ELECT SUBSYS TCH	4w	PSS4	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

Provides instruction to personnel in paygrades E-2 through E-7 of the Electrician s Mate rating, to perform organizational level corrective and preventive maintenance on the control components of the pallet elevator, high pressure air system, low pressure air system, electric motor operated gate valve and auxiliary propulsion unit installed aboard FFG-7 class ships. Includes instruction and practical application on auxiliary electrical subsystems installed onboard FFG-7 class ships, which includes systems, component names, locations, functions, purposes, operating specifications, functional descriptions, safety precautions, troubleshooting procedures, troubleshooting problems, organizational level corrective and preventive maintenance procedures and IMA/Depot level maintenance responsibilities as described in applicable manufacturers technical manuals and the class maintenance plan. Prerequisite Other Notes: COURSE 662-0016, EM 'A' COURSE 100-0102, EM ATT OTHER Graduate of EM (A) School or A-100-0102 EM ATT or two years experience in an Electrician's Mate billet and (PAYGRADE E2-E7) and (RATE=EM)

PRE-REQUISITE:

COURSE NOTES:

P145252	A-652-0215	U	FFG-7 AUX ELECT SYS MT	5w	PSS4	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

Prepares personnel in pay grades E-2 through E-7 Electrician s Mate rating, in proper operation and performance of organizational level corrective and preventive maintenance procedures on the auxiliary systems installed onboard FFG-7 class ships. Topics covered in this course will include: FIN Stabilizer System, Electric Plant Control Console (EPCC), Diesel Engine Local Operating Panel (LOP), SSDG Static Exciter/Voltage Regulator Systems, Woodward Digital Synchronizer, Woodward Electric Governor Controller, and Ship Service 60HZ Distribution Switchboard.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145258	A-651-0064	U	ENGRG MT PRINCS AND PRACS	2w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

ENGINEERING MAINTENANCE PRINCIPLES PRACTICES AND ADMINISTRATION The course is designed to train and provide trainee with the knowledge and skill to retrieve specific information from various technical references about engineering principles, practices and program administration related to the maintenance of shipboard steam propulsion equipment and machineries. A-651-0064 is a segment of the Machinists Mate Steam Propulsion Maintenance Supervisor Training Program. Scope: The course of instruction provides classroom training on the following topics: Blueprints and Technical Manual Documentation; Navy Occupational Safety and Health Program (NAVOSH), Tag-Out Bill, Heat Stress, Hearing Conservation, Asbestos Control and Hazardous Material Control Programs; Pressure, Temperature and Speed Sensing/Indicating Instruments); Measuring Tools and Machinery Alignment Computer (MAC); Static, Dynamic and Mechanical Seals; Lubrication Theory and Lube Oil Management (2190 TEP); Sliding and Rolling Contact Bearings; Fasteners and Locking Devices. The trainee will perform practical laboratory exercises on the use of measuring tools and shaft alignment using the portable MAC.

PRE-REQUISITE:

COURSE NOTES:

P145262	A-651-0088	U	ELEC AUTO BOILER CTR MAINT	4w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

To provide technicians in the MM rating (E-4 thru E-9), officers, and civilians, with the knowledge and skills required to maintain and troubleshoot the Main Propulsion Electronic Automatic Boiler Controls onboard Naval vessels.

PRE-REQUISITE:

COURSE NOTES:

P145263	A-651-0089	U	ELEC AUTO BOILER CTR OP	1.8w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

To train MM Technicians, officers, and civilians, in the safe operation of the Electronic Automatic Boiler Control Console onboard Naval vessels.

PRE-REQUISITE: Machinist's Mate or assigned to steam propulsion engineering in pay grades E-4 through E-9 and all officers who are qualified for messenger, burner man, lower level, upper level and working towards console operator watch stations and has Electronic Automatic Boiler Control Systems onboard their Navy Ship. Officers and civilians possessing boiler operator skills whose duties require formal Electronic Automatic Boiler Control System Console operator training may attend this training.

COURSE NOTES:

P145276	A-651-0071	U	DIST PLANT/COND/HEAT EXCH	0.8w	PTC2	San Diego, CA
ECL:	70A			**EIMET:**	No	

DISTILLING PLANT CONDENSER HEAT EXCHANGER MAINTENANCE To train personnel to perform preventive and corrective maintenance on Distilling Plants, Condensers and Heat Exchanger. Scope: This course requires students to perform maintenance on Distilling Plants, Condensers, and Heat Exchangers in a laboratory environment. In addition, students will describe terminology, service use, material specifications, operating characteristics, equipment adjustments, and identification (name plate data) per applicable technical references.

PRE-REQUISITE:

COURSE NOTES:

P145285	A-651-0069	U	AUX MACH CNTRL/GOVR&REG MT	2.4w	PTC2	San Diego, CA
ECL:	70A			**EIMET:**	No	

To train personnel to perform preventive and corrective maintenance on auxiliary machinery controls, governors and regulators. SCOPE: This course requires the trainee to describe information and perform organizational level preventive and corrective maintenance on auxiliary machinery controls, governors, and regulators. Particular emphasis is placed on developing the maintenance behavior and skills necessary to analyze components malfunctions and failures and to accomplish/supervise the preventive or corrective maintenance required. In addition to actual maintenance procedures, the training addresses the use of applicable technical reference materials, maintenance tools and their usage and submission of maintenance documentation. Practical maintenance skills are developed or reinforced on auxiliary machinery speed control, air piloted diaphragm control, pressure control devices, and auxiliary machinery safety shutdown devices installed in the fleet.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145291	A-651-0070	U	AIR COMP & CMP AIR SYS	2w	PTC2	San Diego, CA
ECL:	70A			**EIMET:**	No	

To train personnel to disassemble, inspect and reassemble Low and High Pressure Reciprocating Oil-Free Air Compressors. Describe the functions, principles of operations, theory of mechanical and absorptive dehydration methods on Pneumatic System Air Dryers/Dehydrators and Pneumatic System Valves. SCOPE: The trainee will disassemble, inspect and measure, and reassemble Low and High Pressure Reciprocating Oil-Free Compressors. Retrieve information from applicable publications on Pneumatic System Air Dryers/Dehydrators and Pneumatic System Valves as follows: Equipment Types, Service Use, Principles of Operations, Theory of Mechanical and Absorptive Dehydration Methods, to include troubleshooting and procedures required to restore to proper operation. Students must report in the Uniform of the Day. Working uniform and safety shoes are required during the laboratory portions of the instruction.

PRE-REQUISITE:

COURSE NOTES:

P145325	A-652-0164	U	FFG-7 FIN STABILIZER SYS	2w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

Provides enlisted personnel in the Engineman rating, with the knowledge and skills necessary to operate and maintain the Steering Gear, Boat Handling Equip. and Stowage, and the Fin Stablizer hydraulic systems in accordance with applicable technical references, and Engineering Operational Sequencing System (EOSS), with limited supervision.

PRE-REQUISITE:

COURSE NOTES:

P145406	A-652-0303	U	MECHANICAL MAINTENANCE COMMON CORE (GSM)	8w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To provide personnel in the Gas Turbine Systems Technician Mechanical (GSM) rating in pay grade E4 through E6 with information about engineering administrative programs necessary for performance as work center supervisor and with knowledge and skills required to perform organizational level maintenance on pumps, valves, hydraulic systems, fuel systems, lube oil systems, air systems, and LM2500 gas turbine engines associated with the DD-963, CG-47, and FFG-7 class engineering plant. Scope: 1. Retrieve information from directives about engineering administrative programs and prepare required documentation in fulfilling their responsibilities as a work center supervisor. 2. Knowledge and skills required to perform maintenance in the following areas: a. Procedures for LM2500 maintenance practices, borescoping, VSV rigging, PLA rigging, FSEE interface, troubleshooting procedures, fault isolation, safety precaution, component removal/replacement, change out preparation/procedures, operational check-out. b. Procedures for reduction gear, shafting, bearing, auxiliary equipment/systems, controllable pitch propeller system maintenance.

PRE-REQUISITE:

COURSE NOTES:

P145436	A-652-0233	U	PPL FFG-7 AUX MECH SUBSYS	11w	PSS4	Great Lakes, IL
ECL:	70A			**EIMET:**	No	

Provides training to personnel to be able to operate and perform preventive and corrective maintenance at the organizational level on mechanical auxiliary systems components installed on the FFG-7 Class ships. The training consists of four courses:A-652-0320 DIESEL ENGINE "C" SCHOOL (CORE);A-652-0164 FFG-7 FIN STABILIZER SYSTEM; A-652-0158 AUXILIARY MECHANICAL SYSTEM;A-652-0167 16V149TI DIESEL ENGINE WASTE HEAT SYSTEM MAINTENANCE.

PRE-REQUISITE:

COURSE NOTES:

P145438	K-495-2179	U	FOAM GEN SYS OPS & MAINT	1w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

To provide maintenance and supervisory personnel with the knowledge and technical skills required to operate and maintain an installed Aqueous Film Forming Foam (AFFF) fire fighting system. SCOPE: Teaches theory of operation, selected corrective and preventive maintenance on the two-speed injection system, single speed injection system, Venturi Balanced Pressure Proportioning Systems, AFFF Testing and Inline Eductor. Labs include valve overhaul (81M check, Hytrol, Powertrol, SOPV and Manual Control Valves) and Type II Pump rebuild.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145440	A-102-0295	U	PPL FFG NAV ET SYBSYS MNT	10.4w	PSSN	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

Provides maintenance and repair training on FFG-7 class Navigation System, consisting of the following courses: AN/SPS-55 - A-104-0162 AN/SPA-25 - A-104-0129 AN/URN-25 - A-102-0239. Further, provides Electronic Technicians with the knowledge and skill training necessary to operate and maintain the FFG-7 Navigation System without supervision.

PRE-REQUISITE:

COURSE NOTES:

P145451	A-652-0327	U	FFG-7 ELECT MT (GSE) STRND	11.8w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

Provides personnel in the Gas Turbine Systems Technician Electrical (GSE) rating in pay grades E1 through E6 with advanced knowledge and skills required to perform technical maintenance on engineering control and monitoring systems on the FFG-7 Class ship. Includes Understanding in the usage and maintenance of technical manuals; Uninterruptable Power Supply (UPS) circuit operation and fault isolation. Perform technical maintenance on FFG-7 PCC, LOP, EPCC and FSEE utilizing 20H7 and 20H7A trainers.

PRE-REQUISITE:

COURSE NOTES:

P145453	A-652-0320	U	DIESEL ENG C SCHOOL CORE	1w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

Provides training to designated strikers and personnel in the Engineman rating, paygrades E-3 and above, Machinist Mate (SS), paygrades E-5 and above, and Construction Mechanic, paygrades E-5 and above, prior to attending training on specific diesel engines. Enables students to interpret readings to solve crankshaft deflections and shaft alignment problems; test/inspect lubricating oil/fuel oil; test and treat Jacket water cooling systems; measure running clearances and other dimensions of Roots-type blowers, turbochargers and power unit assemblies; identify and correct problems related to main and accessory drive trains of diesel engines; use 3-M system documents and technical manuals to perform PMS on mechanical/hydraulic governors, diesel engines and related equipment; analyze trend analysis data to correct abnormal operating conditions of diesel engines; observe and adhere to safety precautions and equipment protection procedures when operating and maintaining diesel engines; perform engine room supervisor watch standing. Prerequisites: Required minimum of two years fleet experience due to level of instruction and RATE=EN or RATE=MM or RATE=CM and graduate of COURSE A-652-0018 ENGINEMAN "A" or BECC A-651-0125 or COURSE A-610-0022 CM-A-USN or COURSE A-651-0053 MM CLASS "A" 4YO or BECC A-651-0125

PRE-REQUISITE:

COURSE NOTES:

P145467	A-652-0334	U	GAS TURBINE CON OPR (FFG7)	2.4w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

GAS TURBINE CONSOLE OPERATOR TRNG (FFG7) Provides personnel in the Gas Turbine System Technician (Mechanical and Electrical) ratings, in paygrades E-1 through E-6 with the knowledge and skills required to PERFORM engineering watch stander evolutions on the Propulsion Control Console (PCC) and the Electric Plant Control Console (EPCC) for FFG-7 class of ships. The trainee will also be required to perform Basic Engineering Casualty Control Exercises (BECCE s), and to observe watch standing techniques and safety precautions. Using Engineering Operational Sequencing System (EOSS), Engineering Operational Procedures (EOP) and Engineering Operational Casualty Control (EOCC) as guides, these behaviors will be carried out with supervision for all conditions of ship readiness, in port and underway. The student will gain a working knowledge of the following areas: 1. Perform advanced watch standing duties on FFG-7 PCC, and EPCC; 2. Perform casualty control exercises on FFG-7 PCC, and EPCC.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145486	A- 4H-0158	U	SWO ADV GAS TURBINE ENGRG	9w	PSWS	Newport, RI
ECL:	80A			**EIMET:**	No	

Provides advanced engineering billet specialty training to junior officers on the way to engineering billets in gas turbine propulsion ships. Students will gain the requisite knowledge to effectively administer a division in the Engineering Department of a gas turbine propulsion ship. Through classroom instruction and "hands-on" training these students will be prepared to direct Engineering Department personnel to perform main propulsion, auxiliary and damage control functions during all conditions of readiness. Students will receive in-depth classroom instruction in department organization, management and training techniques. In addition to classroom instruction students will be trained using the DD 963 Propulsion Plant Console Trainer (device 20H5), the Ship s Service Electrical Switchboard Trainer (device 19A10), and the Gas Turbine Propulsion Plant Trainer (device 19G4). Note: This course is intended for Engineering Students on CG / DD platforms.

PRE-REQUISITE:

COURSE NOTES: Family Members are STRONGLY DISCOURAGED to accompany the Students Due to the High cost of living in Newport RI. The servicing airport is TF Green in Providence RI. Please have the students arrive before 1700.

P145487	A- 4H-0159	U	SWO ADV FFG7 ENGINEERING	9w	PSWS	Newport, RI
ECL:	80A			**EIMET:**	No	

Provides advanced engineering billet specialty training to junior officers on the way to engineering billets in FFG-7 class ships, and to prepare them to qualify as Engineering Officer of the Watch. Students will gain the requisite knowledge to effectively administer a division in an FFG-7 class ship s Engineering Department. Through classroom instruction and "hands-on" training, the course prepares students to direct Engineering Department personnel in main propulsion, auxiliary functions during all conditions of readiness. Students will receive in-depth classroom instruction in departmental organization, management and training techniques. In addition to classroom instruction, students will be extensively trained using the FFG-7 Propulsion Plant Console Trainer (device 20H6).

PRE-REQUISITE:

COURSE NOTES: Family Members are STRONGLY DISCOURAGED to accompany the Students Due to the High cost of living in Newport RI. The servicing airport is TF Green in Providence RI. Please have the students arrive before 1700.

P145488	A- 4H-0160	U	SWO ADV DIESEL ENGINEERING	9w	PSWS	Newport, RI
ECL:	80A			**EIMET:**	No	

Provides advanced engineering billet specialty training to junior officers enroute to engineering billets in diesel propulsion ships. The officer will learn how to effectively administer a division in a diesel propulsion ship s Engineering Department. Through classroom instruction and "hands-on" training, these students will be prepared to direct Engineering Department personnel to perform main propulsion and auxiliary functions during all conditions of readiness. In addition to classroom instruction students will train using the LSD 41 Propulsion Plant Console Trainer (device 19H5) and the Ship s Service Electrical Switchboard Trainer (device 19A10).

PRE-REQUISITE:

COURSE NOTES: Family Members are STRONGLY DISCOURAGED to accompany the Students Due to the High cost of living in Newport RI. The servicing airport is TF Green in Providence RI. Please have the students arrive before 1700.

P145522	A-100-0101	U	GSE APPREN TECH (AEC)	7.6w	PSS4	Great Lakes, IL
ECL:	70			**EIMET:**	No	

The Apprentice Technical Training course will offer entry-level training for the GSE rating. Trainees will have access to the knowledge and skills associated with the electricity, electronics, communications, and radar communities. Reusable Learning Objects (lessons) will address technical areas to include Direct Current, Alternating Current, Analog Devices, Digital Devices, Communication Systems, Radar Systems, and other associated devices and sub-systems. Scope: Trainees will obtain apprentice level skills required by Fleet standards for entry into a workplace environment responsible for operation and maintenance of electronic equipment. Trainees will be introduces to technical procedures, test equipment, fault isolation techniques, and repair methodologies. Graduates will demonstrate an apprentice level performance based on Skill Objects identified by Fleet.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145546	S-121-1001	U	MK41 VLS FMS OPER/MAINT	10w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

This is an FMS only version of the military Operation and Maintenance Course taught at Fleet Training Center (FTC) San Diego, CA and is tailored to meet the specific FMS requirements for each country and ship class. NAVSURWARCEN PHD serves as the primary overflow site for Mk 41 VLS FMS Operation and Maintenance training when training cannot be provided by FTC San Diego, CA. This course will provide students with a basic understanding of operation of the Mk 41 VLS in all modes and configurations, observing all safety precautions. Students will learn how to perform scheduled and unscheduled maintenance as well as fault isolation and repair to the Lowest Replaceable Unit (LRU) using the required technical manuals and procedures. Operation/maintenance is introduced by equipment/component perspective. Topics include: Introduction to the Mk 41 Vertical Launching System (VLS), Launcher Equipment Operations, Maintenance, and Fault Isolation, Strikedown System Operations, Maintenance, and Fault Isolation when applicable, Launch Control Unit Operation, Maintenance, and Fault Isolation, AN/UYK-44 computer Expansion Adapter Group, AN/USH-26 Recorder/Reproducer Set OL-267 Data Terminal Group Matrix Printer, Launch Functions and System Fault Isolation. Targeted Audience: Military or civilian personnel requiring a basic understanding of the maintenance, operation, fault isolation and field repair of the Mk 41 Vertical Launching System as installed on FMS ship classes. MINIMUM/MAXIMUM NUMBER OF STUDENTS: 1/12

PRE-REQUISITE:

COURSE NOTES: NOTE: Course length is 7 to 10 weeks, depending on baselines, configurations and missile variants.

P145562	K-652-2146	U	HYDRAULIC SYS COMPONENTS	2w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

This course is designed to provide training in basic theory of safe operation and troubleshooting of hydraulic systems and components. SCOPE: This course provides training in basic hydraulic system components with classroom instruction on hydraulic fluids, components, basic systems, schematic symbols, and troubleshooting. The laboratory provides training on the disassembly and reassembly of balanced piston and sliding spool pressure control valves; gear, vane and piston pumps; and troubleshooting hydraulic systems.

PRE-REQUISITE:

COURSE NOTES:

P145564	K-062-0625	U	RIGID HULL INFLATABLE BOAT	1.8w	PNAB	Norfolk, VA
ECL:	70			**EIMET:**	No	

RIGID HULL INFLATABLE BOAT (RHIB) COXSWAIN To provide Rigid Hull Inflatable Boat (RHIB) Coxswain training for the US Naval personnel in order to better prepare these personnel for the unique handling characteristics of the RHIB. Scope: Course consists of five days of instruction. Three days will be in a classroom and will cover the history of RHIB, nomenclature, start up and shut down procedures, handling characteristics, running alongside, victim approaches, towing and rigging, heavy weather operations, sponsor repairs and pier landings and GPS Fundamentals. The remaining two days of instruction will be in RHIB handling and will be spent afloat to include nighttime Open Ocean Navigation. Prerequisites: Student MUST be second-class swimmer qualified and have normal vision (correctable to 20/20 and passed Falant Color Vision Test within the last six months). EWTGLANT ONLY: Prerequisite information must be stamped on the student s orders; if the orders do not state the above information, the student will be refused training and returned to his/her command.

PRE-REQUISITE:

COURSE NOTES:

P145758	J-690-0077	U	FUEL PROBE/CARGO DROP MT	0.6w	PNAB	Norfolk, VA
ECL:	70			**EIMET:**	No	

FUEL PROBE AND CARGO DROP REEL MAINTENANCE To train Engineering and Deck enlisted personnel, E-1 through E-9, and (DOD) Military Sealift Command, to perform maintenance and repair of Fuel Probe and MK-II Cargo Drop Reel equipment. Course includes disassembly, inspection, assembly, repair and test of the Fuel Probe, Probe Receiver, and MK-II Cargo Drop Reel. Upon completion of this course the student will be able to disassemble and reassemble fuel probes and replace damaged parts. Students will be able to perform PMS on the fuel probes and MK II cargo drop reels. Note: Working uniform and steel toe shoes are the required uniform. Coveralls and work gloves are recommended. WEATHER: Students are required to bring warm clothing during the winter months i.e., foul weather jacket, long underwear, gloves, watch cap, etc.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145759	K-821-2142	U	PROPUL FUEL TESTING-SHPBD	0.8w	PNA1	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

SHIPBOARD PROPULSION FUELS AND OILS AND JP-5 SYSTEMS AND TESTING The Shipboard Propulsion Fuel and Oil, JP-5 System and Fuel Testing course is designed to provide Oil King and fuel handling personnel basic knowledge, and the skill necessary to operate/maintain propulsion/JP-5 shipboard fuel systems, to monitor the quality of shipboard fuels through a vigilant fuel testing program, and provide familiarity with logs, records, and reports necessary to monitor fuel and oil usage. Instruction of the physical properties of propulsion/JP-5 fuels used in Navy ships and aircraft and the significance of the quality test performed thereon; functional training regarding steps and procedures to conduct required quality surveillance testing of propulsion, JP-5 fuels and oils used in Navy ships and aircraft; lubricating oil management, the Navy Oil Analysis Program (NOAP) and logs, records, pollution abatement and control, and reports needed to monitor shipboard fuel and oil use; and characteristics and hazards of fuel tanks, transfer, stripping and service piping, pumps, and filters.

PRE-REQUISITE:

COURSE NOTES:

P145870	CIVCONTR	U	MARITIME INTERCEPTOR TRNG	8w	PLSD	Spring Hill, FL
ECL:	70			**EIMET:**	No	

The purpose of this program is to prepare 15-16 students per class to operate and maintain Marine Interceptor Motor Vessels manufactured by NOR-TECH, Inc., Ft. Myers, Florida ╖The course content will include the following: service, repair and overhaul of four-stroke diesel engines and service and repair of boating accessories. With regard to the above, course content will include electrical systems, fuel systems, power transfer systems, ignition systems, cooling systems, lubrication systems, drive systems and boat and trailer rigging. ╖ The course content should also include training in communication, leadership, human relations and employability skills; and safe, efficient work practices. ╖ Shop or laboratory activities are an integral part of this program. These activities provide instruction in the use of tools, equipment, materials and processes found in the industry. Students are also instructed in the following: tools, test equipment, current model motors, location and installation of accessories, emergency response procedures, and operational testing. ╖ After successfully completing the program, the student will be able to operate, maintain, repair, and overhaul major components of the assigned Marine Interceptor Motor Vessel manufactured by NOR-TECH, Inc, Ft. Myers, Florida.

PRE-REQUISITE:

COURSE NOTES:

P145903	S-062-0006	U	PATROL CRAFT HULL MAINT	8w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Provides designated junior officers and enlisted personnel the basic training necessary to perform structural repairs and preventive maintenance to steel, aluminum, fiberglass and inflatable hull small craft at the apprentice level. Consists of instruction in oxyacetylene welding and cutting, electric arc and aluminum mig welding, as well as fiberglass and inflatable rubber boat repair. In amplification of classroom theory, practical application techniques are employed to accomplish course objectives in all areas of instruction.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and enlisted personnel. NAVSCIATTS will issue all students PT gear (shirts and shorts only), and all the necessary safety and training equipment required for this course. This course can be taught in English or Spanish, check with IMSO for dates.

P145904	S-062-0007	U	PATROL CRAFT WEAPONS MT	4w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Provides designated junior officers and enlisted personnel the basic training necessary to perform routine and preventative maintenance on various individual small arms and patrol craft weapons systems. Consists of instruction in weapons safety, ammunition fundamentals, malfunction analysis, disassembly, inspection, and reassembly of each weapon to include the M2HB .50 caliber machinegun, MK19 40mm grenade launcher, M60 (Basic) machinegun, M14, M16 and AK47 rifles, M203 and M79 40mm grenade launchers, Mossberg 500A1 shotgun, M1911A1 .45 caliber and Sig Sauer P226 9mm pistols.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and enlisted personnel. NAVSCIATTS will issue all students PT gear (shirts and shorts only), and all the necessary safety and training equipment required for this course. This course can be taught in English or Spanish, check with IMSO for dates.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145905	S-062-0008	U	INSTRUCTOR DEVELOPMENT CRS	2w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Provides designated junior officers and enlisted personnel the skills necessary to conduct formal training in a classroom or lab environment. Consists of instruction in planning learning objectives, development of lesson topic guides, instruction methods and techniques, and effective classroom communication with an emphasis on practical applications. Students will give a minimum of four video-taped oral presentations that will be critiqued and later reviewed by the student for enhanced learning and attainment of course objectives. Recommend that this course be taken immediately after completion of either Patrol Craft Hull Maintenance (P145903), Patrol Craft Propulsion Systems Maintenance (P145902), Patrol Craft Propulsion Systems Overhaul (P145907), or Outboard Motor Maintenance and Overhaul (P145906).

PRE-REQUISITE:

COURSE NOTES: Highly recommended as a follow-on course, "Train the Trainer" model." This course can be taught in English and Spanish, check with IMSO for dates.

P145906	S-062-0009	U	OUTBOARD MTR MT & OVHL	8w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Provides designated junior officers and enlisted personnel the basic and advanced training necessary to operate, maintain and overhaul outboard motors. Consists of instruction in engineering fundamentals, outboard motor design, internal combustion engine theory, electrical and fuel systems, gear case and power head overhaul, shop safety, use of hand, power, precision measuring and special tools, sealants, lubricants, cleaning agents, preventive maintenance, and troubleshooting. In amplification of classroom theory, practical application techniques are employed to accomplish course objectives utilizing manufacturer s technical/service manuals and Bombardier two-stroke, 150HP outboard motors as training aids.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and enlisted personnel. NAVSCIATTS will issue all students PT gear (shirts and shorts only), and all the necessary safety and training equipment required for this course. This course can be taught in English or Spanish, check with IMSO for dates.

P145907	S-062-0017	U	PATROL CRAFT PROP SYS OVHL	8w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Provides designated junior officers and enlisted personnel the advanced training necessary to perform major overhaul of small craft diesel engines. Consists of detailed instruction in 6V92 diesel engine specifications and characteristics, operating principles, lubrication, cooling, air, fuel, and electrical systems, and their interdependent relationship. In amplification of classroom theory, practical application techniques are employed to accomplish course objectives including the complete disassembly, inspection, repair and reassembly of a Detroit Diesel 6V92 engine in accordance with manufacturer s technical/service manuals.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and enlisted personnel. NAVSCIATTS will issue all students PT gear (shirts and shorts only), and all the necessary safety and training equipment required for this course. This course can be taught in English or Spanish, check with IMSO for dates.

P145909	S-062-0019	U	PC OFFICER COURSE	9w	PNST	Stennis Space Center, MS
ECL:	70			**EIMET:**	No	

Objective: To provide students the specialized training necessary to safely and effectively plan and execute patrol craft operations in riverine and littoral environments. Length/Scope: Nine-week course consists of instruction in patrol craft familiarization, first aid, mission planning, navigation, seamanship, the use of GPS, grid maps, radar and night vision equipment, basic communications, principles of board and search, patrol formations, weapons training, patrol craft movement and formations during daylight and night time hours, insertion and extraction of forces, immediate action drills . A final riverine field training exercise is conducted in conjunction with the Patrol Officer's Communication Course to ensure that all students have accomplished course objectives. Special Information: This course is designed for junior officers and enlisted personnel. In addition to the general prerequisites, students should be familiar with small craft operations and be in good physical shape. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course. Students are required to bring a set of boots and at least two sets of camouflaged utilities.

PRE-REQUISITE:

COURSE NOTES: Physical Training is mandatory. This course is designed for junior officers (O-1 to O-3) and all enlisted personnel. Students should be familiar with small craft operations and be in good physical shape. Students are required to bring ONE set of boots and at least TWO sets of camouflaged utilities or equivalent. NAVSCIATTS will issue all students the necessary safety and training equipment required for this course, and PT gear (shorts and shirts only).

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P145952	K-060-0030	U	SPEC WARFARE COMBATANT CREWMAN (SWCC) BASIC	9w	PWFC	San Diego, CA
ECL:	80R			**EIMET:**	No	

To provide various personnel with the basic skills, knowledge and cross training in the operation and maintenance of special warfare craft and designed to prepare surface warfare officers and enlisted personnel to perform as members of a maritime special operations force. Scope: To familiarize officers and enlisted personnel in the basic knowledge and skills to operate and employ combatant craft and equipment utilized throughout NSW. Skill Awards: Special Warfare Combatant Crewman NOTE: COURSES ARE LIMITED TO THREE ENGLISH SPEAKING INTERNATIONAL STUDENTS PER CLASS.

PRE-REQUISITE:

COURSE NOTES:

P148000		U	MARINE GAS TURBINE INSPECTOR	8w	PFTC	San Diego, CA
ECL:	70			**EIMET:**	No	

THE MGTI PROGRAM (NEC 4136) IS AN ESSENTIAL ELEMENT OF THE GAS TURBINE NAVY IN TRAINING, MAINTENANCE, REPAIR AND OPERATION.A. MGTI'S ARE RESPECTED AS THE NAVY'S GAS TURBINE EXPERTS.THEY ARE OFTEN GIFTED TROUBLESHOOTERS AND LEADERS, WITH AN EYE FOR DETAIL.B. IAW REFS A AND B, MGTI'S FUNCTION AS TECHNICALREPRESENTATIVES OF NAVAL SEA SYSTEMS COMMAND (NAVSEA) AND NSWCCD-SSES, AND WORK IN CONCERT WITH THE REGIONAL MAINTENANCE CENTERS (RMC'S).C. MGTI'S OCCUPYING 4136 BILLETS WILL ROUTINELY CONDUCT GASTURBINE INSPECTIONS TO ENSURE ENGINES ABOARD SHIPS ARE READY FOR DEPLOYMENT.D. DEPLOYED MGTI'S SUPPORT BATTLE GROUP OPS AND MAY OVERSEE TROUBLESHOOTING, REPAIRS, AND ENGINE CHANGE-OUTS ON DEPLOYED SHIPS.E. THEY CONDUCT SHIPBOARD TRAINING AND ENHANCE OPERATORS'ABILITY TO TROUBLESHOOT AND MAINTAIN GAS TURBINES. F. MGTI'S SUPPORT NSWCCD-SSES IN PERFORMING GAS TURBINETECHNICAL DIRECTIVES, PROVIDING DATA ON ENGINES IN THE FLEET, AND SUPPORTING POST-CASUALTY INVESTIGATIONS. G. THE NEC 4136 BILLET INCREASES OPPORTUNITIES FOR CAREERGROWTH BY WORKING IN SENIOR GS BILLETS AND FOR FLAG LEVELCOMMANDERS. H. MGTI'S CAN ALSO BENEFIT FROM THEIR GAS TURBINE EXPERIENCEIN POST CAREER EMPLOYMENT OPPORTUNITIES. 3. THE MGTI TRAINING COURSE IS CONDUCTED TWICE ANNUALLY.

PRE-REQUISITE: A. MILITARY ENLISTED PERSONNEL CANDIDATES: (1) E-7 AND ABOVE WITH 5 YEARS EXPERIENCE IN OPERATIONAND MAINTENANCE OF GAS TURBINES, INCLUDING AT LEAST 1 YEAR OF SUPERVISORY EXPERIENCE. (2) GRADUATE OF EITHER GSM OR GSE CLASS "C" SCHOOL. (3) COMMANDING OFFICER RECOMMENDATION.B. CIVIL SERVICE AND CIVILIAN CONTRACTOR PERSONNEL CANDIDATES: (1) A MINIMUM OF 5 YEARS EXPERIENCE OF GENERAL MARINEPROPULSION AND/OR POWER GENERATION EXPERIENCE IN OPERATIONS, MAINTENANCE, REPAIR, OR INSPECTIONS. A BACHELOR'S OR MASTER'S DEGREE IN MECHANICAL OR MARINE ENGINEERING MAY BE SUBSTITUTED FOR 3 OF THE 5 YEARS OF EXPERIENCE. (2) A MINIMUM OF 2 OF THE 5 YEARS OF EXPERIENCE WILL BEIN SPECIALIZED MARINE PROPULSION OR POWER GENERATION MAINTENANCE, REPAIR OR INSPECTION EXPERIENCE AT THE ENGINEER, TECHNICIAN, PLANNER, DESIGNER, FOREMAN, OR QUALITY ASSURANCE LEVEL CONCENTRATING ON GAS TURBINES. (3) A WRITTEN RECOMMENDATION FROM THE CANDIDATE'S EMPLOYER VERIFYING THE CANDIDATE'S EXPERIENCE LEVEL. THE RECOMMENDATION WILL BE SUBMITTED THROUGH THE CHAIN OF COMMAND TO THE APPROPRIATE PROGRAM MANAGER. C. ALTHOUGH NOT REQUIRED, IT IS RECOMMENDED CANDIDATES ALSO HAVE SUBSTANTIAL INTERMEDIATE LEVEL MAINTENANCE (IM) BACKGROUND AND EOOW QUALIFICATION. WAIVERS FOR PREREQUISITES MAY BE GRANTED. SUCH REQUESTS MUST BE FORWARDED WITH A CANDIDATE'S APPLICATION FOR THE PROGRAM, WITH SUPPORTING DOCUMENTATION. PAY GRADE IS NOTWAIVERABLE. Internationals do not receive certification.

COURSE NOTES:

P148004	C-602-2043	U	AIRCREW SURVIVAL EQUIPMENTMAN 'A' SCHOOL	10.8w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Purpose: This course is designed to provide Navy and Marine Corps personnel with the basic knowledge and skills in the field of Aircrew Survival Equipment. This knowledge will enable them to perform as maintenance technicians at aviation activities, both afloat and ashore, under all operating conditions with appropriate supervision. Scope: Introduction/Indoctrination; Maintenance Concept/Levels/Types; Tool Control Procedures; Foreign Object Damage (FOD); SEATS/ICAPS Program; Corrosion Control; VIDS/MAF; NALCOMIS; Aircraft Battle Damage Repair; Introduction to Composite Materials; Industrial Sewing Machine Operation/Maintenance; Pattern Layout/Cutting Assembly; Seam Construction; General Purpose Flight Clothing; Survival Items; SV-2 Series Survival Vest; Flight Helmets; Oxygen Masks; Anti-G Garments; Parachute Restraint Harnesses; Helicopter Rescue Equipment; LPP-1A, LPU-30/P, LPU Series, and LPU-33/P Life Preservers; SKU-2/A Seat Survival Kit; LRU-13/A Life Raft Introduction; Paraloft Admin and Structure; NB-8 Parachute; NES-12 Parachute Introduction

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P148005		U	MARINE GAS TURBINE INSPECTOR	1w	PNSE	Philadelphia, PA
ECL:	70			**EIMET:**	No	

The MGTI program (NEC 4136) is an essential element of the gas turbine navy in training, maintenance, repair and operation. A. MGTI's are respected as the navy's gas turbine experts. They are often gifted troubleshooters and leaders, with an eye for detail. B. IAW refs a and b, MGTI's function as technical representatives of Naval Sea Systems Command (NAVSEA) and NSWCCD-SSES, and work in concert with the regional maintenance centers (RMC's). C. MGTI's occupying 4136 billets will routinely conduct gas turbine inspections to ensure engines aboard ships are ready for deployment. D. Deployed MGTI's support battle group ops and may oversee troubleshooting, repairs, and engine change-outs on deployed ships. E. They conduct shipboard training and enhance operators' ability to troubleshoot and maintain gas turbines. F. MGTI's support NSWCCD-SSES in performing gas turbine technical directives, providing data on engines in the fleet, and supporting post-casualty investigations. G. The NEC 4136 billet increases opportunities for career growth by working in senior GS billets and for flag level commanders. H. MGTI's can also benefit from their gas turbine experience in post career employment opportunities. 3. The MGTI training course is conducted twice annually.

PRE-REQUISITE: A. Military enlisted personnel candidates: (1) E-7 and above with 5 years experience in operation and maintenance of gas turbines, including at least 1 year of supervisory experience. (2) graduate of either GSM or GSE class "C" school. (3) Commanding Officer recommendation. b. civil service and civilian contractor personnel candidates: (1) a minimum of 5 years experience of general marine propulsion and/or power generation experience in operations, maintenance, repair, or inspections. A bachelor's or master's degree in mechanical or marine engineering may be substituted for 3 of the 5 years of experience. (2) a minimum of 2 of the 5 years of experience will be in specialized marine propulsion or power generation maintenance, repair or inspection experience at the engineer, technician, planner, designer, foreman, or quality assurance level concentrating on gas turbines. (3) a written recommendation from the candidate's employer verifying the candidate's experience level. The recommendation will be submitted through the chain of command to the appropriate program manager. C. Although not required, it is recommended candidates also have substantial intermediate level maintenance (IM) background and EOOW qualification. Waivers for prerequisites may be granted. Such requests must be forwarded with a candidate's application for the program, with supporting documentation. Pay grade is not waiverable. Internationals do not receive certification.

COURSE NOTES:

P148011	A-720-0010	U	REFRIG/AIR COND SYS TECH	10w	PFC2	Virginia Beach, VA
ECL:	70R			**EIMET:**	No	

Provide selected Machinist s Mate, Enginemen and designated civilian/foreign military personnel with the necessary training and knowledge to effectively operate and maintain shipboard refrigeration and air conditioning systems and equipment. SCOPE: Introduction to basic theory of heat and matter as applied to refrigerants and their effect on refrigeration and air conditioning systems. Identification of refrigeration system components, their principle of operation, adjustments and maintenance to include evaporator pressure regulators, solenoids, valve, pressure and temperature switches, metering devices, water regulating valves, refrigerant valves, condensers, evaporators and compressors. Provide knowledge of maintenance and operation of refrigerant recovery unit as specified in PMS, NAVSHIPS and Manufacturers Technical Manual. Introduction to air conditioning plants and systems to include cooling coils, temperature controls and compressors (reciprocating and centrifugal). Air conditioning system operation and maintenance procedures as specified in PMS, NAVSHIPS and Manufacturers Technical Manual. Air conditioning system troubleshooting and corrective maintenance as applied to chilled water systems. Procedures for refrigerant handling and recovery, stressing EPA guidelines are discussed in all phases of the course. Graduates, military, Civilian and Foreign students will receive the EPA UNIVERSAL CERTIFICATION upon receiving passing grade of self-paced EPA course. Course is open to EM, EN, and MM ratings, paygrades E-3 and above.

PRE-REQUISITE:

COURSE NOTES:

P148050	A-652-0210	U	CAT DIESEL ENG OVHL TECH	2.6w	PEW1	San Diego, CA
ECL:	70			**EIMET:**	No	

CATERPILLAR DIESEL ENGINE OVERHAUL TECHNICIAN To provide U.S. Military and selected personnel of the allied military forces the necessary knowledge and skills to safely overhaul, tune-up, operate and troubleshoot the Caterpillar 3126 Series diesel engine at repair facilities ashore and afloat. SCOPE: Classroom instruction on diesel engine systems and theory to include practical instruction concentrating on overhaul, maintenance and troubleshooting of the Caterpillar 3126 diesel engine.

PRE-REQUISITE: Available to all rates. All students must be attached to Naval Special Warfare Command or Navy Special boat teams.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P148125	C-602-2029	U	ADV SEWING MACHINE REPAIR	2.6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides the Aircrew Survival Equipmentmen the skills necessary to perform and supervise the maintenance and repair of sewing machines in the naval inventory, at both organizational and intermediate levels of maintenance. The course is group paced instruction. All students receive the technical knowledge and skill training necessary to operate, maintain, and repair sewing machines. Training is in-depth and technical, covers all aspects from theory of operation to timing repair and complete overhaul.

PRE-REQUISITE:

COURSE NOTES:

P148230	D-516-0001	U	AIRCRAFT WEIGHT & BALANCE	0.8w	PTDJ	Jacksonville, FL
ECL:	70			**EIMET:**	No	

To qualify Weight and Balance Officers in preparing and maintaining weight and balance handbooks and associated records as outlined in the Naval Aviation Maintenance Program OPNAVINST 4790.2 (series). This course is designed to provide Aircraft Weight and Balance Officers with training in the concepts, procedures and policies to effectively maintain Aircraft Weight and Balance records, utilizing the OPNAVINST 4790.2 (Series), NA 01-1B-40, NA 01-1B-50 and applicable NATOPS.

PRE-REQUISITE:

COURSE NOTES:

P148352	A-652-0311	U	DEI TRNG & CERT	3w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

To provide personnel in the Engineman Rating, pay grade E-7 and above, and Machinist Mate (SS) (Auxiliary) pay grade E-7 and above with training and certification to perform Standardized Diesel Engine Inspections on various Diesel Engines used for Marine Propulsion or Diesel Generator Service above 400 BHP. Course graduates will be able to analyze, interpret, troubleshoot and provide corrective action, orally and in writing on Diesel Administrative support programs; Diesel Engine Components and System Faults or Malfunctions using applicable technical references, logs, records, TYCOM instructions, special tools and instruments. Interpret readings from logs and records to identify or pinpoint potential problem areas. Inspect, measure and interpret dimensions of engine stationary and moving components to determine serviceability. Describe common faults, inspect, interpret and determine serviceability of the following systems: Fuel oil, Lube oil, Cooling water, Intake air, Crankcase ventilation, Exhaust and Starting systems. Analyze, interpret and provide corrective actions on internal and external alignment problems. Describe pre-start and post-start checks and inspections, system and component flushing procedures and instrumentation and safety devices common faults and adjustments. Describe Diesel Engine failure analysis procedures and techniques to analyze various engine components. Students will complete an additional two weeks of OJT under MASL P1890JT as follow-on training.

PRE-REQUISITE: PROGRAM T-MASL P1890JT FOR THE ASSOCIATED SHIP BOARD TRNG AT SWRMC SAN DIEGO (PFTC) WHEN PROGRAMMING THIS T-MASL.

COURSE NOTES:

P148362	A-670-0043	U	PHY MEASUREMEN/CALIBRATION	8.2w	PNT1	Biloxi, MS
ECL:	70A			**EIMET:**	No	

Safety regulations require students to wear steel toed shoes. This course requires a background in Algebra and Trigonometric functions; it is recommended to have a scientific/engineering calculator and be knowledgeable in its operation. Pre-entrance exams can be requested by letter from: Commanding Officer, Naval Technical Training Unit, Code 203, 711 Meadows Dr, Suite 201, Keesler AFB, Ms 39534-2498 Comm. (228) 377-0618 DSN 597-0618 PURPOSE: Train Navy Enlisted and DOD Civilians in principals, methodology and calibrations to perform as Advanced Calibration Technicians in the Physical, Mechanical and Dimensional areas of Navy Calibration Programs. SCOPE: Personnel are trained in linear, angular, optical, temperature, force, mass and weight, density, viscosity and flow, pressure, torque, rotary motion, humidity and gas analysis. Training includes measurement principals, applied mathematics, use of test equipment and calibration procedures. Course testing is accomplished through progress checks and written measurement. Application and calibration of test equipment included: Portable Pressure Testers, Dead Weight Testing Systems, Load Cells, Theodolites, Surface Plates and Mercury Vapor Sniffers. A pre-entrance test is required to be completed prior to enrollment in this course. PREREQUISITES: OTHER=MILITARY: With field/fleet experience assigned Navy Mechanical Instrument Repair and Calibration Shops (MIRCS) or Fleet Mechanical Calibration Laboratories (FMCL). CIVILIAN: DOD civilians who are or will be assigned in the precision physical/dimensional measuring field at Naval shipyards and repair facilities. Civilian skills or training should be equivalent to IM (A) School graduates. All personnel are required to pass a pre-entrance exam within 12 months prior to CLSCVN.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P148363	C-198-2011	U	ADV CALIBRATION TECH	10.2w	PNTK	Biloxi, MS
ECL:	70A			**EIMET:**	No	

Provides technical training in advanced electronic calibration concepts including theory, application and operation of test equipment and standards. Use and calibration of test equipment and standards for resistance, impedance, voltage, current, frequency, signal generation systems, power, and attenuation, including theory pertaining to fixed and swept measurements at microwave frequencies.

PRE-REQUISITE: COURSE 198-6671, GPETE REPAIR/CAL or SKILL NEC-6673 and OTHER DOD civilian personnel must have the skills or training equivalent to graduates of C-198-6671 with a minimum of 12 months electronic calibration experience prior to class convening. MC MOS-2871 with 12 months obligated service time remaining and be a Corporal or above. MC MOS-6492 with 12 months obligated service time remaining and be a Corporal or above. Lance Corporals may be waived into the course if they possess 12 months electronic calibration experience (MATMEP Level III documented) prior to class convening. Submit waivers to the CNATTU Calibration marine Liaison for consideration.

COURSE NOTES:

P148378	C-602-2040	U	PPL AIRCREW SURV EQUIP PR	8.8w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides Aircrew Survival Equipmentmen the skills necessary to perform and supervise the maintenance of aviators equipment and systems at the organizational and intermediate levels of maintenance. This is a pipeline made up of C-670-2018, C-602-2027, and C-602-2028. The course is group-paced instruction. All students receive the technical knowledge and skill training necessary to operate, maintain, and repair: oxygen systems component test stands; panel mounted and personnel mounted oxygen regulators; aviators breathing oxygen surveillance program; liquid oxygen converters and seat survival kits.

PRE-REQUISITE:

COURSE NOTES:

P148380	A-491-0017	U	OIL ANALYSIS PROG PHY PROP	3.6w	PNTP	Pensacola, FL
ECL:	70			**EIMET:**	No	

"Defense Joint Oil Analysis Program Physical Properties Testing" Provides selected personnel, Aviation Machinist s Mates (AD), Boiler Technicians (BT) and/or civilian equivalent (Chemist and Physical Science Technicians), with the required training in the principles and evaluation techniques necessary to perform spectrometric analysis of used oils for wear metal content. These duties are usually performed in a shop/lab environment on shore stations as well as aboard ships. Includes principles for spectroscopy; physical properties testing and ferrography testing; wear patterns; types of failures; wear metals; non-wear metals; characteristics and operator maintenance of atomic emission spectrometer equipment; standardization and operation of the AE spectrometer; recording, interpreting and recommending actions on oil analysis results; laboratory procedures; and the correlation of the certification program.

PRE-REQUISITE:

COURSE NOTES:

P148384	A-652-0311	U	DEI TRNG & CERT	3w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

DEI TRNG & CERT To provide personnel in the Engineman Rating, paygrades E-7 and above, and Machinist Mate (SS) (Auxiliary) paygrades E-7 and above with training and certification to perform Standardized Diesel Engine Inspections on various Diesel Engines used for Marine Propulsion or Diesel Generator Service above 400 BHP. This course may also be utilized to provide advanced diesel engine training to E-6 and above personnel in the Engineman rating. Scope: Course graduates will be able to analyze, interpret, troubleshoot and provide corrective action, orally and in writing on Diesel Administrative support programs; Diesel Engine Components and System Faults or Malfunctions using applicable technical references, logs, records, TYCOM instructions, special tools and instruments. Interpret readings from logs and records to identify or pinpoint potential problem areas. Inspect, measure and interpret dimensions of engine stationary and moving components to determine serviceability. Describe common faults, inspect, interpret and determine serviceability of the following systems: Fuel oil, Lube oil, Cooling water, Intake air, Crankcase ventilation, Exhaust and Starting systems. Analyze, interpret and provide corrective actions on internal and external alignment problems. Describe pre-start and post-start checks and inspections, system and component flushing procedures and instrumentation and safety devices common faults and adjustments. Describe Diesel Engine failure analysis procedures and techniques to analyze various engine components.

PRE-REQUISITE: COURSE 652-0320, DIESEL ENG CCORE. OTHER Students attending this course for the purpose of certification as a Diesel Engine Inspector must meet all requirements listed in current OPNAVINST 9220.3 Series.1. E-7 and above with 5 years experience in operation and maintenance of the applicable equipment, including at least 1 year of supervisory experience. 2. Graduate from course 652-0320, DIESEL ENG C-CORE 3. Commanding Officer recommendation. 4. Type Commander (TYCOM) endorsement. 5. Physically capable of entering confined areas such as boiler steam and water drums, uptakes, stacks, engine enclosures and plenums. 6. Pass a pre-test (as required) developed by the applicable inspector school, administered by a TYCOM designated representative, within 1 year prior to the commencement of the certification course. A retest may not be administered within 6 months of a prior test failure. 7. Machinist Mate E-7 and above must hold NEC 4246.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P149010		U	PORT ENGINEERING COURSE	4w	PUCG	Baltimore, MD
ECL:	80			**EIMET:**	No	

This course is for personnel with a maritime engineering background and is designed to provide specialized education and training to enhance the theoretical knowledge and practical skills of engineers to deal with engineering problems in a maritime and coastal environment. Training begins in the classroom and includes practical exercises. Students also learn hands-on techniques in the classroom and laboratory in subjects such as Surface Forces Logistics Center and Product Line Organizational Structure, Preparing for a Maintenance Period, Engineering Administration, Fundamentals of Project Management, Weld Inspections/Non-Destructive Testing, and Dry-docking and Shaft Alignment. The course will ultimately provide engineers the fundamental knowledge to carry out depot level maintenance. Fundamentals include general engineering administration, development of Current Ship's Maintenance Projects, maintenance tracking through the Naval Engineering Project List, condition found report, change requests, independent government estimates, ship propulsion system alignment, dry-docking fundamentals and safety, welding principles and non-destructive testing. Upon completion engineering students will receive certification from the National Association of Corrosion Engineers for Corrosion Inspector Program, Level 1. Target Audience: International Students

PRE-REQUISITE: Pre-requisite: Students should be screened for requisite judgment, maturity, attitude, and aptitude. Students should be prepared for and expect a mentally demanding course and should be in good physical condition to stand and work in prolonged practical academic exercise environments.

COURSE NOTES:

P149061	A-100-0072	U	MINI ELECT REPAIR (SURFACE)	4w	PSSN	Virginia Beach, VA
ECL:	80A			**EIMET:**	No	

Provides qualified maintenance personnel with sufficient knowledge and skills to perform high quality and high reliable solder connections on complex circuit card assemblies (CCAs) at the Organization (O) and Intermediate (I) maintenance levels. SCOPE: Includes 2M Program overview, program safety, 2M station operation and maintenance. Miniature electronic repair is the repair of single and double sided CCAs, and includes removal and replacement of discrete and multi-leaded components, removal and application of conformal coatings, wiring and soldering of various terminals or connectors, removal and replacement of damaged conductors and board laminate. Miniature repair also covers electrostatic discharge (ESD) familiarization and handling procedures to minimize ESD risks to the CCAs. PREREQUISITES: Personnel must be from an electrical background. All students must be capable of performing very intricate and delicate work using tools similar to dental tools. All candidates must meet the following minimum visual requirements which may be met with corrected visions (glasses/contact lenses): A. Far Vision: Snellen Chart 2-/50. B. Near Vision: Jaeger 1 at 14 inches, or reduced Snellen 20/20 equivalent. C. Color Vision: Ability to distinguish red, green, blue and yellow colors as prescribed by Boorline Charts, Ishihara Plates or ADD-HRR Test. Depth Perception: Titmus Stereo Circle Chart or equivalent. NOTES: Basic Soldering equivalent experience is recommended. Contact Lens wearers are recommended to bring eyeglasses. Female Candidates: Due to handling of lead, pregnant females should not be considered for enrollment. Due to intricate level of work and technical scope, International Military Students pass English Comprehension Test with a score of 80 or better. Quotas for this training at FLETRACEN Norfolk are controlled by NAVSEA (CDP 350t) (MASL P149061) and NAVAIR (CDP 439C) (MASL P149064).

PRE-REQUISITE:

COURSE NOTES:

P149110	K-821-2145	U	ENGINEERING BULK FUEL SYSTEMS SHORE TECHNICIAN	1.6w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

To provide instruction on the theory of operation and maintenance of U.S. Navy Bulk Petroleum Terminals for all Active duty and Reserve Ratings as well as DOD Civilians enroute to or stationed at Bulk Petroleum Terminals. Scope: Provide instruction on the physical and chemical properties of military petroleum products and the significance of quality surveillance tests performed thereon. Provide special training regarding procedures and laboratory testing to ensure quality surveillance of petroleum products handled at Bulk Petroleum Terminals. Tests taught include: Flash point, Bottom Sediment and Water (BS&W), API Gravity, Fuel System Icing Inhibitor (FSII), Free Water Detector (FWD), and Contaminated Fuel Detector (CFD). Instruction also covers the theory of operations and maintenance of petroleum handling and storage equipment and systems. Operation safety and Pollution Abatement/Environment pollution control is highly emphasized.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P149176	A-100-0072	U	MINI ELECT REPAIR	4w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

To provide qualified maintenance personnel with sufficient knowledge and skills to perform high quality and high reliable solder connections on complex circuit card assemblies(CCAs) at the Organization (O) and Intermediate (I) maintenance levels. SCOPE: Includes 2M Program overview, program safety, 2M station operation and maintenance. Miniature electronic repair is the repair of single and double-sided CCAs. Includes removal and replacement of discrete and multileaded components, removal and application of conformal coatings, wiring and soldering of various terminals or connectors, removal and replacement of damage conductors and board laminate. Miniature repair also covers electrostatic discharge (ESD) familiarization and handling procedures to minimize ESD risks to the CCAs. PREREQUISITES: Personnel in technical electronic/electrical ratings completing (A) School and all civilians with equivalent training. (Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.) All students must be capable of performing very intricate and delicate work using tools similar to dental tools. All candidates must meet the following minimum visual requirements which may be met with corrected vision: A. Far Vision: Snellen Chart 2-/50. B. Near Vision: Jaeger 1 at 14 in., or reduced Snellen 20/20 equivalent. C. Color Vision: Ability to distinguish red, green, blue and yellow colors as prescribed in Boorline Charts, Ishihara Plates or ADD-HRR Test. D. Depth Perception: Titmus Stereo Circle Chart, or equivalent. NOTES: a. Basic Soldering or equivalent experience is recommended. b. Contact Lens wearers are recommended to bring eyeglasses. c. Female candidates: due to handling of lead, pregnant females should not be considered for enrollment.

PRE-REQUISITE:

COURSE NOTES:

P149235	A-100-0073	U	MICROMINIATURE ELECTRONICS REPAIR	1.8w	PMAY	Mayport, FL
ECL:	70A			**EIMET:**	No	

To provide qualified maintenance personnel with sufficient knowledge and skills to perform high quality and high reliability solder connections on complex circuit card assemblies (CCAs) at the Organization (O) and Intermediate (I) maintenance levels. Scope: Includes 2M Program overview, program safety, 2M station operation and maintenance. Micro repair involves high density component packaging, multilayer conductor and laminate repair, flex-print repair, edge lighted panel repair, and surface mount technology (SMT) repair. Micro miniature repair also covers electrostatic discharge (ESD) familiarization and handling procedures to minimize ESD risks to the CCAs. Prerequisite Rates: AE, AT, CTM, DS, ET, EW, FC, FT, GM and GSE

PRE-REQUISITE: Security clearance may vary by location based upon area/building in which taught. Personnel in technical electronic/electrical ratings completing (A) School and all civilians with equivalent training. All students must be physically capable of performing very intricate and delicate manual work using tools similar to dental tools. Dexterity and mechanical ability required for micro miniature repair is greater than that required for miniature repair. All candidates must meet the following minimum visual requirements which may be met with corrected vision: A. Far Vision: Snellen Chart 20/50 B. Near Vision: Jaeger 1 at 14 in., or reduced Snellen 20/20 equivalent C. Color Vision: Ability to distinguish red, green, blue and yellow colors as prescribed in Boorline Charts, Ishihara Plates or ADD-HRR Test D. Depth Perception, Titmus Stereo Circle Chart, or equivalent NOTE: a. Contact lens wearers are recommended to bring eyeglasses. b. This course involves handling of lead. While exposure to lead during this course is below established Permissible Exposure Levels(PEL), as a precautionary measure personnel with reproductive health concerns should contact their occupational health care representatives prior to enrollment. c. Miniature Repair Technicians (NEC 9527) are required to provide proof of current certification by bringing a copy of page 13 from last certification.

COURSE NOTES:

P149242	A-100-0072	U	MINI ELECT REPAIR	4w	PMAY	Mayport, FL
ECL:	70A			**EIMET:**	No	

To provide qualified maintenance personnel with sufficient knowledge and skills to perform high quality and high reliable solder connections on complex circuit card assemblies(CCAs) at the Organization (O) and Intermediate (I) maintenance levels. SCOPE: Includes 2M Program overview, program safety, 2M station operation and maintenance. Miniature electronic repair is the repair of single and double-sided CCAs. Includes removal and replacement of discrete and multileaded components, removal and application of conformal coatings, wiring and soldering of various terminals or connectors, removal and replacement of damage conductors and board laminate. Miniature repair also covers electrostatic discharge (ESD) familiarization and handling procedures to minimize ESD risks to the CCAs. PREREQUISITES: Personnel in technical electronic/electrical ratings completing (A) School and all civilians with equivalent training. (Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.) All students must be capable of performing very intricate and delicate work using tools similar to dental tools. All candidates must meet the following minimum visual requirements which may be met with corrected vision: A. Far Vision: Snellen Chart 2-/50. B. Near Vision: Jaeger 1 at 14 in., or reduced Snellen 20/20 equivalent. C. Color Vision: Ability to distinguish red, green, blue and yellow colors as prescribed in Boorline Charts, Ishihara Plates or ADD-HRR Test. D. Depth Perception: Titmus Stereo Circle Chart, or equivalent. NOTES: a. Basic Soldering or equivalent experience is recommended. b. Contact Lens wearers are recommended to bring eyeglasses. c. Female candidates: due to handling of lead, pregnant females should not be considered for enrollment.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P149275	A-150-0135	U	FFG-7/36/61 COM/PER SUBSYS	27w	PTCL	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

Provides knowledge and skills required too maintain the central processor and peripheral equipment within this FFG-7 class CDS subsystem. Covers preventive and corrective maintenance on equipment including: AN/UYK-20 Computer Set, AN/UYK-7(V) Computer Set, OJ-172(V) DEAC Input/Output Console, CV-2953A(P)UYK Signal Data Converter, AN/UYK-43A(V) Computer Set, AN/USQ-69(V) Data Terminal Set, SYS-2(V)2, and Introduction and Maintenance of the FFG-AN/UYK-43A(V) Combat Direction System.

PRE-REQUISITE:

COURSE NOTES:

P149276	A-150-0136	U	FFG-7/36/61 DATA DSPLY GRP	21.6w	PTCL	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

Trains selected Fire Controlman, or equivalently trained personnel, with skills and knowledge necessary to maintain equipment associated with the FFG-7/36/61 class ships data display group subsystem. Provides detailed theory of operation, system interfaces, alignments, adjustments, fault isolation/detection, preventive and corrective maintenance of the FFG-7/36/61 class ships data display group subsystem.

PRE-REQUISITE:

COURSE NOTES:

P149302	J-690-0029	U	UNREP E/E CONTROLS MAINT	3w	PNA1	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

UNREP ELECTRICAL AND ELECTRONIC CONTROLS MAINTENANCE To provide training in the maintenance, operation and repair of UNREP electrical and electronic control systems. To provide training in maintenance, operation and repair of the STANDARD ELECTRONIC MODULES (SEM) controller for 4th generation tension and speed winches. The first week of instruction is designed to provide the student with basic knowledge in cargo and fuel STREAM operations as well as a fundamental understanding of hydraulic theory. Also provided are necessary alignment procedures for the STANDARD ELECTRONIC MODULES (SEM) electronic controls for the 4th Generation Highline Winch. The second week of instruction is designed to provide the student with the necessary skills and related knowledge to troubleshoot, repair, maintain, and align UNREP Electrical Electronic controls of the 4th generation tension winches. Basic knowledge of the Ram tensioner, Ram position indicator, and Automatic Ram controls are also included. The third week of instruction provides the student with the necessary skills to maintain and troubleshoot the electrical control for the Electric Drive/RAM Drive (HPU) sliding block, three speed/two speed Saddle winches. Basic knowledge of the Ram tensioner, Ram position indicator, and Automatic Ram controls are also included. The student will acquire knowledge in electro-hydraulic closed loop servo systems. NEC 4668 will only be granted with satisfactory completion of the three week course. PREREQUISITE INFO: An individual will be disqualified immediately if he/she: 1. Has had in the last ten days or is currently being treated for pneumonia, bronchitis or asthma. 2. Has any fractures, sprains, splints or casts. 3. Is pregnant. The following conditions require evaluation by a corpsman and decision rendered regarding training suitability prior to an individual s participation: 1. History of heart disease or stress related chest pain. 2. Current nasal congestion or an ear, nose or throat infection. 3. Within ten days of post operative procedure (minor surgery). 4. Taking any medications. 5. On limited/light duty or had a tooth extraction within the last seventy-two hours. 6. History of prior heat exhaustion or heat stroke. 7. Any other condition that may affect ability to complete the course. 8. Unable to participate in or complete the PRT, or does not meet body fat requirements.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P149303	J-690-0028	U	UNREP MECH & HYD COMP MT	7w	PNA1	Virginia Beach, VA
ECL:	80R			**EIMET:**	No	

UNDERWAY REPLENISHMENT MECHANICAL AND HYDRAULIC COMPONENT MAINTENANCE This course has been designed to provide students from the Machinist s Mate (MM) and Engineman (EN) ratings, E-4 through E-9, with the knowledge and skills necessary to maintain, troubleshoot and repair underway replenishment equipment and hydraulic systems aboard underway replenishment ships, under normal and emergency condition. The Underway Replenishment (UNREP) Mechanical and Hydraulic Component Maintenance Course is group-paced and is divided into two phases with practical hands-on instruction with selected components. Phase I includes training (theory and practice) in basic hydraulics (first 3 weeks). Phase II consists of training for various hydraulic transmissions and components, including: Navy Standard Denison (NST-D), Navy Standard Vickers (NST-V) and 4th Generation Denison. This course is designated High Risk by NPDCINST 1500.1 .Prerequisite Info: Medical screening by parent command is required prior to arrival to ensure individuals are medically qualified to participate in the course. Orders must be stamped or typed with "MEDICALLY QUALIFIED". An individual will be disqualified immediately if he/she: 1. Has had in the last ten days or is currently being treated for pneumonia, bronchitis or asthma.2. Has any fractures, sprains, splints or casts.3. Is pregnant. The following conditions require evaluation by a corpsman and decision rendered regarding training suitability prior to an individual's participation: 1. History of heart disease or stress related chest pain. 2. Current nasal congestion or an ear, nose or throat infection. 3. Within ten days of post operative procedure (minor surgery). 4. Taking any medications. 5. On limited/light duty or had a tooth extraction within the last 72 hours. 6. History of prior heat exhaustion or heat stroke. 7. Any other condition which may affect ability to complete the course. 8. Unable to participate in or complete the PRT; does not meet body fat requirements. Steel-toed shoes required. Coveralls encouraged.

PRE-REQUISITE:

COURSE NOTES:

P150PSP		U	MISC NAVSUPSYSCOM TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

MISC NAVSUPSYSCOM TRNG

PRE-REQUISITE:

COURSE NOTES:

P152003	A- 8B-0000	U	INTERNATIONAL OFFICER SUPPLY COURSE (IOSCO)-TRAVEL	3w	PINP	Philadelphia, PA
ECL:	70A			**EIMET:**	No	

IMS MUST BE ENROLLED IN P152011 Follow on visit to operating sites for additional seminars, briefings, and tours of logistics facilities to reinforce theory and practices learned in IOSCO Resident Coursework. Briefs and tours conducted by Fleet Industrial Supply Center (FISC-Norfolk), Naval Aviation Depot, and various flight line and waterfront supply organizations in the Norfolk Area. Class will depart from Norfolk to Washington, D.C. for Field Studies Program visit. Class will travel from Washington D.C. to Naval Inventory Control Point - Foreign Directorate - Philadelphia. Allows students to meet with subject matter experts in Navy FMS cases, Country Program Managers, Security Assistance Field Representatives, and receive briefs on current business practices of NAVICP-OF concerning FMS support. Students return to Newport for graduation and departure. Notes: See International Notes

PRE-REQUISITE: P152011 - IOSCO

COURSE NOTES: Special Notes: The NSCS Newport IMSO will pick up the students at the Newport Airport.

P152007	A-551-1014	U	LS A SCHOOL	6w	PMER	Meridian, MS
ECL:	70A			**EIMET:**	No	

STOREKEEPER CLASS A (AEC - AUTOMATED ELECTRONIC CLASSROOM To provide enlisted Navy personnel, fleet returnees, Military Sealift Command (MSC) personnel, and International Military Students (IMSs) under the Security Assistance Training Program (SATP) the knowledge and skills necessary to perform the basic job tasks required by the Storekeeper rating. SCOPE: Students will accomplish the following learning objectives through self-paced computerized training via Navy Knowledge Online (NKO). Instruction is fairly intensive and contains practical exercises throughout. Topics include: Supply administration; material identification; material procurement; material receipt, stowage and handling; basic inventory management afloat; financial management; COSAL; SUADPSRT; SNAP II, Navy Supply System, customer service, Navy correspondence, material identification and procurement, basic OPTAR accounting, material receipt, stowage and inventory control utilizing the Integrated Barcode System (IBS), supply forms, basic supply acronym and Military Standard Requisitioning and Issue Procedures (MILSTRIP) for effective performance as an apprentice storekeeper under supervision. Graduates of the course will perform these job tasks in Navy, computer-oriented, supply support environments for surface, submarine, shore duty or reserve communities. Special Note: This is a self-paced course taught in a computer based environment in a classroom with a facilitator, therefore the duration of the training may vary. Students will be required to log on to Navy Knowledge Online (NKO) in order to participate in the course of instruction. The IMSO will ensure students are registered for access to NKO on their first day of reporting and student access to the course may be delayed until NKO account is created.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P152010	A- 8B-0012	U	SUPPLY CORPS OFF BAS QUAL (BQC)	19w	PSC3	Newport, RI
ECL:	70			**EIMET:**	No	

The objective of the Basic Qualification Course is to prepare newly commissioned Supply Corps Officers, and other officers who may be ordered for this instruction, in the professional duties of supply officers and in their duties as naval officers. This course provides detailed job related technical instruction while encouraging the formation and use of desirable attitudes and characteristics. Scope: The Basic Qualification course is an in-depth study of the Supply System encompassing the following major areas of afloat supply department: supply management (automated system); food service; retail operations; disbursing management; and personnel leadership. The student will, through the use of practical exercises, practice sets, and exams, demonstrate the ability to complete and post all forms and files in each functional area. In addition to this, the student will demonstrate his ability to audit and correct problem areas posed in exercise situations. Included also in the course is a brief introduction to afloat automated data processing and quantitative management techniques.

PRE-REQUISITE:

COURSE NOTES: Special Notes: This course is a prerequisite for Division Officer Leadership Course, MASL P162017, and is not offered as a stand-alone course. Please ensure that the IMS is scheduled for the P162017 course. Book all flights to Newport and the NSCS Newport IMSO will pick up the students at the Newport Airport.

P152011	A- 8B-0014	U	INTERNATIONAL OFFCR SUPPLY COURSE (IOSCO)-RESIDENT	6w	PSC3	Newport, RI
ECL:	70R			**EIMET:**	No	

The objective of this course is to provide basic instruction for junior foreign officers in the elements of operational supply. SCOPE This course emphasizes technical subjects of supply management, both ashore and afloat, with primary emphasis on supply principles of inventory control; material receipt; storage; material identification and classification; procurement; expenditure and accounting; and Military Assistance supply procedures

PRE-REQUISITE:

COURSE NOTES: International Officer Supply Course (IOSCO) IMS MUST BE ENROLLED IN P152003 International Officers only, grade O-1 to O-4, waivers available for civilian and enlisted students. Course designed to familiarize students with the organizational structure of the United States Government, United States Navy, Navy Supply Systems Command (NAVSUP), Defense Logistics Agency (DLA), and the relationship to the Foreign Military Sales (FMS) process. Discusses Logistics Supply Chain, defined as identifying, locating, ordering and tracking assets. Assists International Customers develop a process-oriented working knowledge of Department of Defense web-based logistics systems. Included in the course is material identification, catalog systems, FMS requisitioning procedures, all aspects of the Security Cooperation Information Portal (SCIP) and other computer and web-based tools for customer support. Course will provide attendees an expert knowledge of: FEDLOG, WEBFLIS, Asset Visibility of DLA stock on hand, Item Managers notes, requisition status, including detailed shipping information (DSS) - Defense Reutilization Marketing Service (DRMS) for excess DoD stock in disposal Students will also access the Navy's International Programs E-Business Suite. Course also provides a detailed overview of Acquisition Logistics, Allowance Models, Integrated Logistics Support (ILS) and Inventory Control Point (ICP) operations, with a focus on weapons systems support to include study of math models for outfitting and determining allowances quantities. Discusses ship transfer and shipyard procedures, and specific allowance determination for the FMS customer. Course content is flexible, allows for the unique needs of students, and is updated frequently to ensure current changes in systems are included in every class. Students will work with their own country's real time data in order to demonstrate methods used to improve logistics support. Instruction is modeled after training provided to U.S. DoD civilian and military personnel, working in the supply and maintenance communities.

P152030	A- 8B-0055	U	INTRO TO EXPED LOGISTICS (INTROEXPLOG)-AEC	2w	PSC3	Newport, RI
ECL:	70A			**EIMET:**	No	

Introduction to Expeditionary Logistics This two-week course provides senior enlisted personnel and officers an overview of the Joint Planning Process, the Joint and Naval Logistics chain of command and specific issues and concerns related to operating in a deployed environment. The "issues and concerns" segment includes discussions on personnel management, expeditionary logistics, expeditionary contracting, petroleum management, supply support and host nation support. The course is taught as a seminar with technical experts flown in to conduct individual topic segments. Although this class is targeted toward Naval Reservists, active duty personnel are encouraged to attend, as well as personnel from other military branches.

PRE-REQUISITE:

COURSE NOTES: Special Notes: The NSCS Newport IMSO will pick up the students at the Newport Airport.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P152088	A- 8B-0020	U	JOINT AVIATION SUPPLY MAINTENANCE AND MATERIAL MANAGEMENT (JASMMM)	2w	PSC3	Newport, RI
ECL:	70A			**EIMET:**	No	

JASMMM was developed to enhance efficient interface between maintenance and supply personnel. Cooperation and teamwork are highlighted. Attendance is currently limited to Military E-6 and above; Civilian GS-6 and above, and International Students of equivalent rank. JASMMM is the Navy s sole source of aviation logistics training for supply officers and aviation maintenance officers and enlisted personnel assigned to aviation commands. During the ten days, twenty-five (25) Maintenance and Supply topics are discussed as well as case studies, practical labs and practical exercises. Guest speakers from NAVICP, DLA, and NAVSAFECEN have been incorporated into the seminar.

PRE-REQUISITE:

COURSE NOTES: Special Notes: The NSCS Newport IMSO will pick up the students at the Newport Airport.

P152089	A-8B-0017	U	SUPPLY OFFICER DEPT HEAD (SODHC)	4w	PSC3	Newport, RI
ECL:	70A			**EIMET:**	No	

Supply Officer Department Head Course (SODHC) This four-week course prepares Ensigns through Lieutenant Commanders to assume the duties of the Supply Officer on a ship or submarine. This course includes training in the areas of Supply Management, Food Service, Retail Operations, and Disbursing Management. In addition, training is presented for the following specific technical functions: Small Afloat Purchasing, user certification for the government commercial purchase card program, Small Ship Aviation Logistics, Configuration Management, Hazardous Materials Management including certification as a Hazardous Materials Coordinator Afloat, Total Asset Visibility, and submarine-specific supply functions. Automated Information Systems training is also provided in Streamlined Automated Logistics Transmission Systems (SALTS), Logistics Toolbox, Ported SNAP II/III, Micro-SNAP, R-Supply, FSM, ROM, HICS, HMIS, FEDLOG and Micro-Q. SODHC focuses on current fleet trends and technical developments while it also stresses developing effective and efficient managerial skills to meet the challenging "at sea" environment.

PRE-REQUISITE:

COURSE NOTES: Special Notes: The NSCS Newport IMSO will pick up the students at the Newport Airport.

P152222	A- 8B-0017	U	SUPPLY OFFICER DEPT HEAD	4w	PSC3	Newport, RI
ECL:	70A			**EIMET:**	No	

Supply Officer Department Head Course (SODHC) This four-week course prepares Ensigns through Lieutenant Commanders to assume the duties of the Supply Officer on a ship or submarine. This course includes training in the areas of Supply Management, Food Service, Retail Operations, and Disbursing Management. In addition, training is presented for the following specific technical functions: Small Afloat Purchasing, user certification for the government commercial purchase card program, Small Ship Aviation Logistics, Configuration Management, Hazardous Materials Management including certification as a Hazardous Materials Coordinator Afloat, Total Asset Visibility, and submarine-specific supply functions. Automated Information Systems training is also provided in Streamlined Automated Logistics Transmission Systems (SALTS), Logistics Toolbox, Ported SNAP II/III, Micro-SNAP, R-Supply, FSM, ROM, HICS, HMIS, FEDLOG and Micro-Q. SODHC focuses on current fleet trends and technical developments while it also stresses developing effective and efficient managerial skills to meet the challenging "at sea" environment.

PRE-REQUISITE:

COURSE NOTES: Special Notes: The NSCS Newport IMSO will pick up the students at the Newport Airport.

P1523JT		U	SENIOR STOREKEEPER OJT	8w	PSCN
ECL:	70			**EIMET:**	No

To provide On-the-job training at stock points and inventory control points. Areas of interest which can be included are: issue, receiving, storage, packing, freight terminal, air terminal, data processing, procurement and customer service.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P153000	A-493-0077	U	HAZ SUBS INCIDENT RESPONSE MGMT SEMINAR	0.6w	PSOS	San Diego, CA
ECL:	70			**EIMET:**	No	

This course provides personnel with the knowledge and skills necessary to respond safely and effectively to releases of, or substantial threats of releases of, hazardous substances, in compliance with applicable federal, state, and USN environmental regulations and instructions. SCOPE This course fulfills the training requirements established by regulations delineated in 29 CFR 1910.120(q), Emergency Response to Hazardous Substance Releases and 29 CFR 1910.120 (p) (7) (i), Operations Conducted at a TSD Facility. The appropriate installation representative or their designee will provide TSD site-specific training. This also fulfills the training requirements in OPNAVINST 5090.1 (series), and OPNAVINST 5100.23 (series). Special requirements: Students must bring a clean set of utilities or coveralls for the exercises during the last days of the course.

PRE-REQUISITE: Civilian and military personnel ashore who may serve as activity Emergency Response personnel, as well as the following: Fire and Police Department personnel; Environmental Engineers, Specialists, and Technicians; Environmental Managers and Supervisors; OSH personnel; Waste Handlers and TSDF personnel; Hazardous Materials Minimization Center (HAZMINCEN) personnel; Warehousemen and Laboratory personnel. Shipboard personnel will be granted quotas, space available, upon verification of membership on the shipboard Spill Response Team. All personnel must have at least 12 months from course date remaining in job assignment. Note: The Environmental and Natural Resources Program (NTSP) Steering Committee has officially approved to reduce this course from 40 hours to 24 hours.

COURSE NOTES:

P153010	A-822-0012	U	TRANSP STOW HAZ MAT	2w	PSC3	Newport, RI
ECL:	70A			**EIMET:**	No	

A two-week (80 hour) course that provides the mandatory training prerequisite for command approved qualification to certify hazardous material for shipment via all modes of transportation. This course is directed at all personnel that may certify hazardous material that are not previously certified or that need to re-certify and have not used their prior training extensively. Covers certification for ship, air (internationally) and ground transportation (U.S. and Canada) for shipments of Hazardous Material.

PRE-REQUISITE:

COURSE NOTES: Special Notes: The NSCS Newport IMSO will pick up the students at the Newport Airport.

P156600		U	BUDGET PREPARATION EXECUTION & ACCOUNTING	1.6w	PDR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

This course examines the preparation, execution and accountability of defense budgets. We provide the foundation for preparing and executing the budget by discussing the overall budget process beginning with planning and programming. Planning and programming are the stages where policy formulation and allocation of resources support national priorities, goals and objectives. This course reviews these concepts, and then illustrates how to take the programming decisions from the Ministry of Defense (MOD) through the budget cycle. We begin with a section on budget preparation using MOD programming guidance, integrating programs with budget guidance to create a budget. We then provide information, tools and techniques, and exercises on estimating budget submissions, funds control, performance management and feedback, all components of preparing, executing, and providing accountability for defense budgets. Each participant/country will be required to present a real life budget issue of current interest to their MoD. The issue can be one that is already being analyzed, or a new issue. Participants will have the opportunity to apply any concepts/instruction learned in the course as a method to begin exploring practical solutions to the issue. This exercise will link the theoretical environment with the real world through a practical and relevant application of course concepts. It is also hoped that this will serve as a foundation for further work on this problem once the participants return to their own organizations. Preparations will be made during the first four days of the course and a final presentation will be delivered on the fifth day of the course. The presentation will follow a format consistent with Microsoft power point applications. Participants should then be prepared for a question and answer period where their peers can participate in the discussion of issues/solutions. Please think about problems of potential interest and relevance prior to your arrival for this course! NOTE: Students should report two days prior to class convene. RANK REQUIREMENT: O4 and above. ECL REQUIREMENT: 80

PRE-REQUISITE:

COURSE NOTES: Duration: 8 days Frequency: Once/Year Class Size: 20 Maximum Cost: Varies by funding Participants: 04 and above; equivalent civilian officials

P159010		U	OPERATIONAL TEST DIRECTOR	0.8w	POTE	Norfolk, VA
ECL:	80			**EIMET:**	No	

Provides Operational Test Directors and support personnel (Analysts, Program Managers, etc.) with a baseline (basic) knowledge of weapons system acquisition; and introduces them to policies, procedures, documentation and reports required by DOD and SECNAV in conducting Operational Test and Evaluation. More course info is available at www.cotf.navy.mil (OTD Training). Note: This course is 3 1/2 days long. It generally starts on a Tuesday and runs through Fri 1200.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P159200		U	DEF ACQUISITION MGMT	2w	PATM	Monterey, CA
ECL:	80			**EIMET:**	Yes	

This resident course taught at the Naval Postgraduate School in Monterey, CA provides the student with an understanding of the underlying concepts, fundamentals and philosophies of the defense acquisition management process and the practical application of the program management methods within this process to achieve international security goals. The course addresses management characteristics and competencies, control policies and techniques, systems analysis methods, risk management, and functional area concerns. Techniques for interpersonal relationships are examined in team exercise settings. Topics include the evolution and current state of defense acquisition policies and management practices in a defense environment characterized by civilian control of the military; the systems acquisition life cycle; strategic planning and implementation; business and financial management; user producer acquisition management disciplines and activities; contracting and purchasing; logistics; and program planning, organizing, staffing, directing and controlling. Case studies are used to analyze various acquisition issues. The course is taught in English (the ECL score of 80 is waiveable). This course is suitable for military officers (grades O-4 - O-6) and civilian officials (GS-11 - GS-15 or equiv.) consisting of both U.S. and foreign military and civilian officials. Professional managers engaged in a broad range of acquisition fields such as policy development, contracting, program management, defense planning, production and quality assurance, logistics, and systems analysis are examples of potential attendees. This course is approved for E-IMET funding for civilian students. Class size is limited to 20 students. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P159201	MET ATM	U	MET IDARM SEMINAR CONUS	1w	VAR	
ECL:	80			**EIMET:**	No	

Waiting on course description from IDARM SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P159202		U	PRINC DEF PROCUREM & CONTR	2w	PATM	Monterey, CA
ECL:	80			**EIMET:**	Yes	

This two week resident course is offered twice yearly immediately following the Principles of Defense Acquisition Management course. The course provides an in-depth examination of policy, procedures and best practices applicable to all phases of the procurement and contracting process. During the course, international practices which include the U.S., EU and NATO models for procurement and contracting are examined. The goal is to enable course participants to understand and implement, to the extent possible, the principles of efficient and effective procurement and contracting systems. Specific topics include transparency, procurement planning; market research, writing and reviewing work specifications, competition policies, developing requests for tenders, tendering methods, evaluation techniques, analysis of technical and price proposals, contract administration/management and contract closeout. Additionally, the course includes in depth discussions of development and use of reporting systems and creation and sustainment of a professional procurement workforce. A study of concepts and practices related to on line auctioning and electronic procurement are also included. This course is approved for E-IMET funding for civilian students. The course is highly interactive and combines lecture and class discussion with group exercises. This course is suitable for military officers (grade 0-4 through 0-6) and civilian officials who deal in any aspect of procurement and contracting or in peripheral fields such as economics, program management, logistics or budgeting and finance.

PRE-REQUISITE:

COURSE NOTES:

P160001	CIVCONTR	U	CONTR TRNG ADMINISTRATIVE	1w	PSTM	Vienna, VA
ECL:				**EIMET:**	No	

Facility offers a variety of training including computers, personnel management, financial management.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P162000		U	RISK MANAGEMENT	2w	PDR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

This course introduces the basic elements of risk management. It presents a quantitative definition of risk that allows managers to assess the amount of risk in a given decision problem. Simulation modeling is used as the prime tool for quantifying the risk. Participants are given the opportunity to develop their skill in using this tool. The course then explores how this tool is used in risk management for devising strategies such as hedging, diversifying and seeking robustness.

PRE-REQUISITE:

COURSE NOTES: Duration: 10 days Frequency: Once/year Class Size: 20 Maximum Cost: Varies by funding Participants: 04 and above; equivalent civilian officials

P162002	S- 00-3306	U	DEF RES MGT CRS	4w	PDR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The DRMC is suitable for professionals concerned with the economic, efficient and effective allocation and use of scarce defense resources in today's complex and uncertain security environment. Participants normally come from a broad spectrum of fields, to include logistics, operations, personnel, acquisition, financial management, program management, planning, engineering, and program evaluation. This course is designed for military officers rank O-4 to O-6 and equivalent civilian officials. DRMI faculty integrate analytical concepts, principles, methods, and techniques drawn from the disciplines of management, economics, and quantitative methods, and applies them to decisions involving the allocation of financial, logistic and human resources. A variety of analytical frameworks are presented that will enhance the participants' competence at recognizing and evaluating the risk assessments and tradeoffs that must be made among competing alternatives at both the strategic and operational levels of defense organizations. An experienced, world-class graduate faculty teaches the course using a stimulating mix of lectures, small group discussions and real world case studies. This approach provides a dynamic learning environment designed to develop the analytical decision making skills so necessary in today's challenging environment. Contemporary issues such as the global war on terror, regional and international instability, infrastructure protection and multinational defense cooperation are used to illustrate the environment in which current defense resource allocation decisions must be made. By the end of the course, participants will be able to clearly define and evaluate the relationship among national security objectives, defense strategies, program alternatives/capabilities, and their budgetary resource requirements. RANK REQUIREMENTS: MAJOR AND ABOVEECL REQUIREMENT: 80NOTE: COURSE CONVENES FIVE TIMES A YEAR. STUDENTS SHOULD REPORT NO EARLIER THAN 2 DAYS BEFORE CLASS CONVENE DATE. LIVING ALLOWANCE FOR IMET STUDENTS IS PAID DURING LAST WEEK. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES: Duration: 4 Weeks Frequency: Five times/Year Class Size: 54 maximum Cost: Varies by funding Participants: Rank 04 and above or equivalent civilian officials

P162003	S- 00-3321	U	INTL DEFENSE MGT CRS	11w	PDR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The IDMC is suitable for professionals concerned with the economic, efficient and effective allocation and use of scarce defense resources in today's complex and uncertain security environment. Participants normally come from a broad spectrum of fields, to include logistics, operations, personnel, acquisition, financial management, program management, planning, engineering, and program evaluation. This course is designed for military officers rank O-4 to O-6 and equivalent civilian officials. DRMI faculty integrate analytical concepts, principles, methods, and techniques drawn from the disciplines of management, economics, and quantitative methods, and applies them to decisions involving the allocation of financial, logistic and human resources. A variety of analytical frameworks are presented that will enhance the participants' competence at recognizing and evaluating the risk assessments and tradeoffs that must be made among competing alternatives at both the strategic and operational levels of defense organizations. An experienced, world-class graduate faculty teaches the course using a stimulating mix of lectures, small group discussions and real world case studies. This approach provides a dynamic learning environment designed to develop the analytical decision making skills so necessary in today's challenging environment. Contemporary issues such as the global war on terror, regional and international instability, infrastructure protection and multinational defense cooperation are used to illustrate the environment in which current defense resource allocation decisions must be made. A major curricular concept of this course is comparative resources management, i.e. the examination of how different countries allocate resources. In order to enhance the comparative aspects of the curriculum, DRMI leadership encourages broad national representation with a diversity of both military services/agencies and civilian government officials. In addition to the small-group discussions that are a key part of the learning environment, each country's participants are required to give a presentation on national security issues faced by their country. These presentations allow for class-wide discussion of key security issues around the world. By the end of the course, participants will be able to clearly define and evaluate the relationship among national security objectives, defense strategies, program alternatives/capabilities, and their budgetary resource requirements. They will be able to plan for the broadest set of security requirements and will be capable of contributing to the capacity building of their national military and security forces. RANK REQUIREMENTS: MAJOR AND ABOVEECL REQUIREMENT: 80NOTE: COURSE CONVENES TWICE ANNUALLY; IN 2ND AND 4TH FISCAL QUARTERS. STUDENTS SHOULD REPORT NO EARLIER THAN 2 DAYS BEFORE CLASS CONVENE DATE. LIVING ALLOWANCE FOR IMET STUDENTS IS PAID TWICE, IN WEEK SIX AND WEEK TEN NOTE: CANCELLATION FEE POLICY: 100 PERCENT PENALTY FEE, ONCE A CONTRACT IS LET OR A QUOTA IS CONFIRMED, UNLESS WAIVED BY THE MILDEP AS PER CURRENT NAVY IPO MESSAGE.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES: Duration: 11 Weeks Frequency: Two times/year Class Size: 54 maximum Cost: Varies by funding Participants: Rank 0-4 and above; equivalent civilian officials

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P162004	S- 00-3330	U	SENIOR INTERNATIONAL DEF MGT	4w	PDR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The SIDMC is suitable for senior (flag and general rank international military officers and equivalent civilian officials) professionals concerned with strategic planning and the economic, efficient and effective allocation and use of scarce defense resources in today's complex and uncertain security environment. Participants normally come from a broad spectrum of fields, to include logistics, operations, personnel, acquisition, financial management, program management, planning, engineering, and program evaluation. They should be working at senior decision making levels within their respective organization and should be focused on the strategic aspects of defense planning and resource allocation. DRMI faculty integrate analytical concepts, principles, methods, and techniques drawn from the disciplines of management, economics, and quantitative methods, and apply them to strategic decisions involving the allocation of financial, logistic and human resources. A variety of analytical frameworks are presented that will enhance the participants' competence at recognizing and evaluating the risk assessments and tradeoffs that must be made among competing alternatives at both the strategic and operational levels of defense organizations. An experienced, world-class graduate faculty teaches the course using a stimulating mix of lectures, small group discussions and real world case studies. This approach provides a dynamic learning environment designed to develop the strategy formulation and analytical decision making skills so necessary in today's challenging environment. Contemporary issues such as the global war on terror, regional and international instability, infrastructure protection and multinational defense cooperation are used to illustrate the environment in which current defense resource allocation decisions must be made. By the end of the course, participants will be able to clearly define and evaluate the relationship among national security objectives, defense strategies, program alternatives/capabilities, and their budgetary resource requirements. They will be able to plan for the broadest set of security requirements and will be capable of contributing to the capacity building of their national military and security forces. RANK REQUIREMENT: GENERAL AND FLAG OR EQUIVALENT. ECL REQUIREMENT: 80NOTE: CANCELLATION FEE POLICY: 100 PERCENT PENALTY FEE, ONCE A CONTRACT IS LET OR A QUOTA IS CONFIRMED, UNLESS WAIVED BY THE MILDEP AS PER CURRENT NAVY IPO MESSAGE.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES: Duration: 4 Weeks Frequency: Once/Year Class Size: 54 maximum Cost: Varies by funding Participants: Rank 0-7 and above; equivalent civilian officials

P162006	P-561-0001	U	EQUAL OPPORTUNITY ADVISOR CRS (RESIDENT)	10w	PDEO	Patrick AFB, FL
ECL:	70			**EIMET:**	No	

The Equal Opportunity Advisor Course consists of a 12-week curriculum and up to three weeks of Service Specific curriculum. The curriculum is designed to develop knowledge and skills that enable graduates to assess human relations climates in the organizations they serve. Graduates provide advice and assistance to their commanders in an effort to prevent, reduce, and/or eliminate discriminatory practices. The course progresses from intrapersonal awareness through interpersonal relationships to organizational management. Studies include individual/group development and behaviors, interpersonal communications, power and discrimination, studies of major ethnic groups and equal opportunity (EO) advisor skills. The course concludes with Service Specific (SS) information and applications. Instructional methodologies include: lecture/interactive large group discussions, small group discussions, supervised student exercises, guest lectures, symposia, off-site visits, student briefings, written research assignments, student facilitation/guided discussions, videotapes, role playing, and case studies. Graduates are qualified to serve as full-time equal opportunity advisors. Scope: Develop skills in applying appropriate organizational development techniques to improve the cohesion and mission effectiveness of an organization through planned systematic efforts designed to enhance equal opportunity. Apply the knowledge and skills acquired during the course in the operational configuration of a military unit. Special Notes: Be in the grade of 0-2/W0-2 or higher at the time of selection. 0-2 selectees may be granted a service waiver. Officers in the grade of 0-1 or W-1 with at least 3 years prior service and exceptional qualifications may be granted a service waiver. Have a minimum of two years college credit or equivalent. This requirement may be waived in exceptional cases. ENLISTED: Be in the grade of E-6 or higher at the time of selection. E-5 selectees may be granted a service waiver if they have demonstrated maturity; have had at least 2 1/2 years of service; received a recommendation as a result of a personal interview by their present commander, and be a high school graduate or equivalent. This course is open to all rates.

PRE-REQUISITE:

COURSE NOTES:

P162012		U	MULTI-CRITERIA DECISION MK	2w	PDR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

This course develops a method of approach to support decision making by managers in defense organizations. The focus is on practical application to management decisions involving many organizational objectives. Emphasis is placed on formulating the problem, understanding the analytical process involved in evaluating potential solution alternatives, and interpreting the results of the analysis in support of choosing a solution. We will provide practical examples from defense resource allocation problems. Each participant will be required to apply the multi-criteria decision approach taught during this course to a decision problem of current interest to their own MoD. The problem can be one that is already being analyzed, or a new problem. Participants will have the opportunity to work in depth on this problem with a faculty member during the course. A final presentation will be delivered on the last day of the course. This exercise will link the theoretical environment with the real world through a practical and relevant application of course concepts. It is also hoped that this will serve as a foundation for further work on this problem once the participants return to their own organizations. Rank Requirement: O-4 and above or equivalent civilian grade. ECL Requirement: 80

PRE-REQUISITE:

COURSE NOTES: Duration: Two Weeks Frequency: Once/Year Class Size: 20 Maximum Cost: Varies by funding Participants: Rank 0-4 and above; civilian equivalent officials

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P162013	P-7C-0100	U	DIVISION OFFICER LEADERSHIP COURSE (DIVOLC)	1w	PCLD	Pensacola, FL
ECL:	70			**EIMET:**	No	

To provide prospective division officers with the requisite Naval leadership skills necessary to function as effective leaders at the division officer level to include the professional and personal growth of personnel in their division. Students will be applying leadership skill sets based on the content derived from the Navy Leadership Competency Model (NLCM).

PRE-REQUISITE:

COURSE NOTES:

P162014		U	PERFORMANCE MANAGEMENT AND BUDGETING	1w	PDR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

This course examines performance management and budgeting beginning with planning-to-budgeting and government accounting systems, and different types of and uses for budgets. We provide a foundation for performance management and budgeting by developing top-level goals and objectives, examining indicators of performance and performance hierarchies, and showing how indicators can be used in budgeting systems. Faculty present real world and teaching examples of measures of efficiency and effectiveness, and how those measures impact budget decisions and implementation. Participants then create performance measures for a defense organization and discuss how they can be used in a defense budget. Participants should bring examples of performance measurements for their own organizations and how that information is implemented in their own budget systems. Notes: Course intended for US Officers (Active or Reserve) and International Military Officers, of Grades O-4 through O-6; Civilian Officials of Grades GS-11 through GS-15 or Equivalent; Individuals Participating in Accelerated Career Development Programs; and Foreign Officials of Similar Rank or Grade.

PRE-REQUISITE:

COURSE NOTES:

P162015	A-8B-0060	U	ADV MGMT PROGRAM (AMP)	3.4w	PSC3	Newport, RI
ECL:	80			**EIMET:**	No	

Advanced Management Program (AMP) is a visionary management course that provides tools to high-potential managers that are necessary in today s challenging workplace. This three-week residential program challenges participants beyond their current capabilities. Strategic thinking is the focus in this dynamic learning environment. This program is designed to equip senior officers with the tools necessary to formulate and implement strategy, develop and manage networks of people, and incorporate experiences into a broadened policy-level perspective. AMP incorporates workshops and traditional learning to develop key competencies needed for higher levels of strategic leadership. Topics include Enterprise Resource Planning (ERP), e Business, Supply Chain Management, Information System Solutions, Cost Management, Activity Based Costing (ABC), Activity Based Management (ABM), and Metrics Management. AMP is modeled after the Executive Training Programs at civilian universities, but at a fraction of the cost. The faculty is from the University of North Carolina, and the facilities are at the Tench Francis School of Business on the campus of the Navy Supply Corps School. Class requires an 80 ECL score, and the student will be expect to participate in group discussions and team presentations. Carries post-graduate college credit. COURSE IS SIX DAYS A WEEK (MONDAY - SATURDAY) FOR FIRST TWO WEEKS, MONDAY THROUGH FRIDAY IN THIRD WEEK

PRE-REQUISITE:

COURSE NOTES: Special Notes: The NSCS Newport IMSO will pick up the students at the Newport Airport.

P162017	P- 7C-0100	U	DIVISION OFFICER LEADERSHIP COURSE (DIVOLC)	1w	PSC4	Newport, RI
ECL:	70			**EIMET:**	No	

This five-day course is designed to facilitate and indoctrinate all junior officers that will be relieving afloat, in a Division Officer capacity, the skill sets necessary to be effective first-time leaders in an operational environment. The curriculum is scenario driven taking the student from their very first day of reporting onboard all the way through their first nine months. Through interactive videos, role-plays, and group-based discussions, the student will be given exposure and have an opportunity to discuss leadership dilemmas that they might encounter in their immediate future. Specific leadership principles that are addressed are competition and collaboration in an enlisted work center, building working relationships with the Chain of Command, time management, and functional administration.

PRE-REQUISITE:

COURSE NOTES: Special Notes: NSCS Newport IMSO will pick up the students at the Newport Airport.

P162100		U	MISC MGMT EDUC/TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

Generic MASL number used to program students for Contract training billed through the HRO. Training includes HRO courses, time management, administrative officer seminar, executive management, various financial management courses at Scientific Technology Management Center (STMC) and Management Concepts, Inc. (MCI) in Vienna, VA.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P162200		U	TEAM DIMENSIONAL TRNG	0.8w	PTSC	Orlando, FL
ECL:	70			**EIMET:**	No	

Team Dimensional Training was developed by the Navy to enhance team performance through improved team processes. TDT helps team members to diagnose and correct their own performance problems thereby enabling them to adapt quickly to unfolding events and to learn from and build upon their previous experiences together. TDT was born out of a program sponsored by the Office of Naval Research (ONR) called Tactical Decision Making Under Stress (TADMUS). TDT can be readily adapted to a variety of traditional training environments, but is NOT designed to replace any existing training. It is designed to supplement existing team training by promoting a standard way of perceiving and measuring team performance, and identifying and reinforcing specific effective team member behaviors. The team process is heavily focused on the participation of team members during debriefs or after action reviews. Emphasis is placed on team member s self-evaluation and self-correction. TDT Facilitators are trained to guide team members to debrief themselves. TDT areas of concentration (dimensions) include: Information Exchange Communication Supporting Behavior Leadership. TDT has been implemented in multiple Navy environments as well as several environments in the Public Safety arena (law enforcement, Counterdrug, corrections, Fire & Rescue). Workshops usually span 2-3 days and involve a classroom session followed by live scenarios with practice pre-briefings and debriefings by Facilitators-in-Training.

PRE-REQUISITE:

COURSE NOTES:

P162368		U	INTL SHIPYARD MGMT	6w	PNSD	Pearl Harbor, HI
ECL:	70			**EIMET:**	Yes	

The International Shipyard Management Course is composed of six modules, four of which are shipyard teaching modules that present a general overview of the functions associated with Shipyard operations. The shipyard modules are composed largely of the Planning, Production, and Controls required to repair or overhaul a ship. The majority of the work is tied up in planning the availability and executing the Production portion to repair components and to fix systems on a ship. Also important are the Engineering, Quality Assurance, Safety, and Supply Controls necessary to complete the availability. The course has been developed to teach both Allied and U.S. Naval Officers who have not previously worked with the day-to-day Shipyard Operations relative to maintenance, repair and overhaul of ships. The fifth module deals with international environmental issues and is taught by the Commander in Chief, Pacific Fleets Judge Advocate General (JAG) environmental lawyers. It provides the student with an understanding of international environmental laws and regulations, environmental change and regional security, and the impact that shipyard operations have on the environment. The sixth module addresses enhanced shipyard security, force protection issues, and current counter-terrorism concerns relative to naval shipyard and shore facilities management. Course is certified under the EIMET Program. NOTE: CANCELLATION FEE POLICY: 100 PERCENT PENALTY FEE, ONCE A CONTRACT IS LET OR A QUOTA IS CONFIRMED, UNLESS WAIVED BY THE MILDEP AS PER NAVY IPO 081900Z JAN 03.

PRE-REQUISITE:

COURSE NOTES:

P162388		U	DESIGN CONTROL DESIGN EXP	2w	POCF	Fallbrook, CA
ECL:	75			**EIMET:**	No	

An intensive study of design and design control principles. The participant will learn how to apply quality principles and tools to design reviews, engineering tests, configuration control, policies and procedures, failure analysis and corrective action, design planning, producibility,. reliability, and standardization. Design review, validation, and change will be extensively discussed. Emphasis is placed on management techniques, including monitoring, control, and team work. This training program is designed for officer and managers having responsibility for the establishment, development, and implementation of design and design controls. It will provide the participant knowledge and techniques to manage a successful design program. DESIGN OF EXPERIMENTS (5 DAYS) The participant will learn how to sue Design of Experiments (DOE) to assess the effect of specific problems, to identify solutions, and to optimize the process. Emphasis is placed on practical applications. Classroom exercises will be conducted. These exercises will utilize standard DOE forms and methods. The exercises will demonstrate how DOE can be utilized to identify the root cause of problems and take appropriate corrective actions. The participant learns by technical and practical experimentation. This training program is designed for personnel having responsibility for production or the conduct of services. It will provide the participant the knowledge and techniques for successfully managing and conducting DOE. This course will provide practical knowledge and experience. PREREQUISITES: Participants should have a basic knowledge of Quality Management Systems. The classes are taught in English language. The students must have an English Comprehension Level of at least 70%.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P162392		U	PROCESS QUAL IMPROV AUDIT	2w	POCF	Fallbrook, CA
ECL:	75			**EIMET:**	No	

The Process Quality Improvement portion of this course will present an intensive study of the five steps to process quality Improvement. ╖ Define. Identify the projects/processes that are candidates for improvement methods. ╖ Measure. Gather appropriate data on selected projects/processes (process analysis, introduction to probability and statistics, data collection and summarization, probability distributions, measurement systems analysis, and process capability analysis). ╖ Analyze: Analyze the process, utilizing statistical methodologies (exploratory data analysis, hypothesis testing) ╖ Improve: Make improvements in the process utilizing Design of Experiments (DOE) methodologies. ╖ Control. Identify those techniques needed to maintain improvements (SPC, ISO 9000, Process Control, Supplier Control, Lean Manufacturing, Design for Six-Sigma). The student will learn how to apply the principles and tools discussed in this course to the processes and projects in his/her workplace, with emphasis placed on real-world management and practical applications. This course is designed for supervisors and workers who have responsibility for implementing problem-solving techniques, where an understanding of process improvement concepts will be helpful. 2nd portion: Provides actual practical experience in all phases of auditing an ISO 9000 Series Quality Management System. This course will cover preparing for an audit, conducting the audit, and writing the final audit report. Actual commercial businesses will be audited. Experience as an auditor and as an audit team leader will be acquired. This portion of the training requires extensive work hours. Each student must be prepared to work 12 hours per day during the two days of on-site auditing and a minimum of 8 hours per day while preparing for the audit and writing the report. The student must be capable of reading, writing, and understanding technical English. One copy of ISO 9001:2000 will be given to each student. Other reference material will be provided for use in preparing and conducting the audits, but the reference material must be returned after course completion. Additional books and training materials will be provided.

PRE-REQUISITE:

COURSE NOTES:

P162PDR		U	MISC DRMI TRNG	1w	PDR	Monterey, CA
ECL:	80			**EIMET:**	No	

MISC DRMI TRNG DRMI will work with SCOs to design an educational program that is tailored to meet the needs of the individual(s) who will attend. Course costs will be determined based on the expected teaching load.

PRE-REQUISITE:

COURSE NOTES:

P163601	C-555-2010	U	AVIATION MAINTENANCE ADMINISTRATION MAN CLASS A1	7.6w	PME1	Meridian, MS
ECL:	70			**EIMET:**	No	

Provides selected Naval and Marine Corps personnel with the basic knowledge and skills for job entry into the fleet as an Aviation Maintenance Administrationman, Aircraft Maintenance Administration Clerk. Basic typing, including preparation of Naval correspondence; the directives issuance system; aeronautical technical publications, including technical library forms and procedures; the Naval aircraft maintenance program, including types of aircraft maintenance, inspections, and the maintenance requirement card system; the maintenance data system, including basic concepts, code systems, documentation procedures, records and reports; maintenance of aircraft and aircraft engine / equipment logs and associated records, including reports attendant to the aircraft inventory reporting system and the aircraft engine management system; the Naval Aviation Logistics Command Management Information System (NALCOMIS), including it s hardware, software, principles of operation, sub-systems and attendant operating procedures.This course is taught with computer delivered learning materials in a classroom with an instructor. Students will be required to log on to Navy Knowledge Online (NKO) in order to complete the course. The instructor will register students for access to NKO after class convene.

PRE-REQUISITE: High School math, typing, and clerical skills are desired.

COURSE NOTES: This course is taught with computer delivered learning materials in a classroom with an instructor. Students will be required to log on to Navy Knowledge Online (NKO) in order to complete the course. The instructor will register students for access to NKO after class convene.

P163611	A-800-0013	U	CS-A-SCHOOL	4.2w	PSS5	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To provide initial food service training to MS A School students in an environment conducive to learning the principals and basic of the Navy elite rating. In carrying out these duties, we shall ensure each student is properly trained and equipped with the necessary skills to accomplish any task at the entry level of this rate. In addition to basic food service training, our students will receive instruction on the ten core topics of Naval Military Training to ensure full compliance of all military regulations and policies. The MS A school instructors have been hand picked for this tremendous undertaking of training future stars and are the best the Navy has to offer. In accomplishing our mission, we will always model the desired behavior as we strive to produce top notch sailors who are ready to face the many challenges the Navy has to offer. The major emphasis of this course is placed on the use of the Armed Forces Recipe Service and includes recipe conversion, food service organization, Navy Occupational Safety and Health (NAVOSH) Program, nutrition, cooking, baking, and customer service skills.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P165001	A-510-0012	U	YN-A1 (AEC)	5w	PMER	Meridian, MS
ECL:	70			**EIMET:**	No	

Provides enlisted Navy personnel, fleet returnees, and International Military Students (IMSs) under the Security Assistance Training Program (SATP) the knowledge and skills necessary to perform the basic administrative tasks by providing organized and intensive training, enabling trainees to make practical application of concepts learned or knowledge gained for that required of a Yeoman Seaman Apprentice. Course is self-paced taught in a computer based environment with a classroom facilitator. The trainee receives training on the following subjects: general keyboarding; customer service and office procedures; introduction to, usage of, and maintenance of Navy publications and technical manuals; introduction to computer literacy and application of various computer programs; proofreading, and mailing of Naval correspondence including the Standard letter, classified Standard letter, Endorsements, Instructions and Notices; preparation, transmission, and filing of messages; computation of annual leave; computation of regular leave, proceed and travel time on permanent change of station orders; preparation of NSIPS transactions including Personnel Maintenance, Legal, Unauthorized Absence, Dependency Data, Activity Gains and Losses; familiarization with Personal Awards, Navy Performance Evaluation System, Pay Entitlement; Officer Distribution Control Report; preparation of the OPNAV 5510/413, NAVPERS 1616/26, NAVPERS 1070/602, SGLV-8286, DD 1172, DD 1351-2; familiarization with DONCAF/Personnel Security Procedures; familiarization with the former Officer Field Service Record; Privacy Act and Freedom of Information Act. NOTE: When scheduling an IMS to attend. Request home countries are made aware that from and to dates may be modified as necessary since course length depends on individual student. Special Note: This is a self-paced course taught in a computer based environment in a classroom with a facilitator, therefore the duration of the training may vary. Students will be required to log on to Navy Knowledge Online (NKO) in order to participate in the course of instruction. The IMSO will ensure students are registered for access to NKO on their first day of reporting and student access to the course may be delayed until NKO account is created.

PRE-REQUISITE:

COURSE NOTES:

P166023	A-012-0037	U	RECRUIT DIV CDR	13w	PTGL	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To train enlisted personnel E-5 - E-9 to effectively undertake the basic military training of a division of naval recruits in effecting a smooth transition from civilian to Navy life. Scope: The 13 week training provides instruction in military indoctrination, seabag and barracks, military drills, division management and those portions of the behavioral sciences which will prepare him/her to support and carry out the command mission while he/she is engaged in leading recruits. Prerequisite: The trainee must satisfy qualifications set forth by the Enlisted Transfer Manual. This course is open to all rates.

PRE-REQUISITE:

COURSE NOTES:

P166175	A-012-0077	U	INSTRUCTOR TRNG (JIT) AEC	2w	PSU1	Groton, CT
ECL:	70			**EIMET:**	No	

INSTRUCTIONAL DELIVERY CONTINUUM (IDC) JOURNEYMAN INSTRUCTOR TRAINING (JIT) AUTOMATIC ELECTRONIC CLASSROOM (AEC) Purpose: To train Navy, Marine Corps, DoD civilians (civil service), other DoD personnel and allied foreign nationals in the application of principles of learning; instructional methods, strategies, and techniques; and, the effective communication, oral questioning, and presentation techniques appropriate to basic instructional advanced technical classroom and/or other learning environments. A progressive series of performance activities allow students to demonstrate proficiency in the required knowledge and skills of an entry-level instructor. Scope: Instructor Training (JIT) qualification course available to all DoD and AFN personnel with a demonstrated requirement for training. SNEC 9502 awarded to Navy personnel upon successful completion. Note: IT is completed on a local server through the Internet.

PRE-REQUISITE: "Access to Navy Knowledge Online (www.nko.navy.mil) is required prior to arrival"

COURSE NOTES: CLOSEST AIRPORT - T.F. GREEN INTERNATIONAL (PVD), PROVIDENCE, RHODE ISLAND

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P166235	K-495-0040	U	DAMCONT REPAIR PARTY LDR	1.4w	PTC2	San Diego, CA
ECL:	70			**EIMET:**	No	

This course is designed to train personnel in paygrades E-5 and above in advanced damage control theory and techniques so that they may fill Repair Party Leader Billets in the shipboard damage control organization, to facilitate the proper management of repair party personnel in casualty situations under all shipboard readiness conditions. A two part, multi-phased course incorporating group-paced classroom with practical hands-on instruction in simulators. Part I, Damage Control fundamentals/systems include: Partial preliminary actions to be taken before damage occurs. Minimize and localize damage after it occurs. Accomplish emergency repairs to control fires and flooding and to preserve ship s stability and buoyancy. Part II, Chemical, Biological and Radiological (CBR) Defense include: Both technical aspects and practical applications of chemical and biological defense (i.e., individual protective clothing and equipment, shipboard decontamination and chemical agent detection). Instruction in nuclear defense includes terms and effects, countermeasures, hazards and responses, dose and dose rate instruments, personnel monitoring, shipboard surveys and radiological plotting. PREREQUISTES: Complete the Personnel Qualification Standards for: Basic Damage Control, NAVEDTRA 43119-G (series) and Advanced Damage Control Emergency Parties 100 and 200 sections, NAVEDTRA 43119-G (series). Medical screening by parent command is required prior to arrival to ensure individuals are medically qualified to participate in the course. Orders must be stamped or typed with "Medically Qualified". An individual will be immediately disqualified if he/she: 1. Has had in the last ten days or is currently being treated for pneumonia, bronchitis, or asthma. 2. Has any fractures, sprains, splints, or casts. 3. Is greater than three months pregnant. The following conditions require evaluation by a corpsman and decision rendered regarding training suitability prior to an individual s participation: 1. History of heart disease or stress related chest pain. 2. Current nasal congestion or an ear, nose, or throat infection. 3. Within ten days of post operative procedure (minor surgery). 4. Taking any medications. 5. On limited/light duty or had a tooth extraction within the last seventy-two hours. 6. History of prior heat exhaustion or heat stroke. 7. Any other condition which may affect ability to complete the course. 8. Unable to participate in or complete the PRT. This course is open to all rates.

PRE-REQUISITE:

COURSE NOTES:

P166251	K-495-0040	U	DAMCONT REPAIR PARTY LDR	1.4w	PFC2	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

This course is designed to train personnel in paygrades E-5 and above in advanced damage control theory and techniques so that they may fill Repair Party Leader Billets in the shipboard damage control organizations, to facilitate the proper management of repair party personnel in casualty situations under all shipboard readiness conditions. SCOPE: A two part, multi-phased course incorporating group-paced classroom with practical hands-on instruction in simulators. Part I, Damage Control Fundamentals/Systems include: Partial preliminary actions to be taken before damage occurs. Minimize and localize damage after it occurs. Accomplish emergency repairs to control fires and flooding and to preserve ship s stability and buoyancy. Part II, Chemical, Biological and Radiological (CBR) Defense include: Both technical aspects and practical applications of chemical and biological defense (i.e., individual protective clothing and equipment, shipboard decontamination and chemical agent detection). Instruction in nuclear defense includes terms and effects, countermeasures, hazards and responses, dose and dose rate instruments, personnel monitoring, shipboard surveys and radiological plotting. PREREQUISITES: Complete the Personnel Qualification Standards for: Basic Damage Control, NAVEDTRA 43119-I (series) and Advanced Damage Control Emergency Parties 100 and 200 sections, NAVEDTRA 43119-I (series). Medical screening by parent command is required prior to arrival to ensure individuals are medically qualified to participate in the course. Orders must be stamped or typed with "Medically Qualified". An individual will be immediately disqualified if he/she: 1. Has had in the last ten days or is currently being treated for pneumonia, bronchitis, or asthma. 2. Has any fractures, sprains, splints, or casts. 3. Is greater than three months pregnant. The following conditions require evaluation by a corpsman and decision rendered regarding training suitability prior to an individual's participation: 1. History of heart disease or stress related chest pain. 2. Current nasal congestion or an ear, nose, or throat infection. 3. Within ten days of post operative procedure (minor surgery). 4. Taking any medications. 5. On limited/light duty or had a tooth extraction within the last seventy-two hours. 6. History of prior heat exhaustion or heat stroke. 7. Any other condition which may affectability to complete the course. 8. Unable to participate in or complete the PRT. This course is open to all rates.

PRE-REQUISITE:

COURSE NOTES:

P166260		U	OXYGEN CLEANLINESS INSTR	2w	PTRF	Kings Bay, GA
ECL:	80			**EIMET:**	No	

To train and qualify personnel in the procedures and requirements of MIL-STD-1330D and to standardize training throughout the Navy. To train and quality clean room personnel per the requirements set forth in MIL-STD-1330D. Scope: This course covers cleaning, assembly, disassembly, reassembly, entering into, testing and examination of certified oxygen clean components or piping systems. Training includes practical work on mock-ups to simulate flushes, hydrostatic testing and clean room operations. NAVSEA approved Halogenated Solvents, Tribastic Sodium Phosphate (TSP) and Navy Oxygen Cleaner (NOC) cleaning procedures are covered along with special emphasis on NOC flushing and clean room procedures employed at Trident Refit Facility. All documents referenced by the MIL-STD-1330D will be covered in detail as well as any updated instructions or procedures adopted by higher authority.

PRE-REQUISITE:

COURSE NOTES: ITOs or visit requests need to be sent at 'least' two weeks ahead of class attendance.....three weeks would be better.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P166309	SPECIAL	U	INTERNATIONAL INSTRUCTOR TRAINING COURSE (IITC)	5w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

The International Instructor Training Course (IITC) provides the student with the knowledge, skills, and tools required to excel in various military training capacities -- facilitator, stand-up presenter, subject matter expert, mentor, and administrator. The course is five weeks in length. It not only provides the student with required computer skills, but it also provides four facilitated CBT courses and stand-up instruction that includes: Instructor Training Overview, Effective Communication, The Instructor's Role(s) in Training, CBT Facilitation, Stand-Up Instruction: The Art of Teaching, Assessment: More than a Test, Administration: Taking Care of the Details, Mentoring: Instructors are Leaders, Preparation of Lesson Plans, and a Practicum. Once the student has completed this training, two Performance Tests are administered: One presentation using CBT Facilitation and one Stand-Up Presentation using Technology. Prerequisites: All personnel must comply with physical fitness requirements of OPNAVINST 6110.1 series prior to transfer. Documentation of Instructor Screening must be made in member s service record prior to transfer.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P166310	A-012-0077	U	INSTRUCTOR TRAINING (AEC)	2w	PCLD	Pensacola, FL
ECL:	70			**EIMET:**	No	

To train Navy, Marine Corps, DoD civilians (civil service), other DoD personnel and allied foreign nationals in the application of principles of learning; instructional methods, strategies, and techniques; and, the effective communication, oral questioning, and presentation techniques appropriate to basic instructional advanced technical classroom and/or other learning environments. A progressive series of performance activities allow students to demonstrate proficiency in the required knowledge and skills of an entry-level instructor. Scope: Instructor Training (JIT) qualification course available to all DoD and AFN personnel with a demonstrated requirement for training. SNEC 9502 awarded to Navy personnel upon successful completion.

PRE-REQUISITE:

COURSE NOTES:

P166311	A-012-0077	U	INSTRUCTOR TRNG (JIT) AEC	2w	PNLV	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

To train selected Navy, Marine Corps and DOD civilian personnel, including students of allied nations, in the techniques and principles of instruction applicable to the formal school environment. Two performance examinations are delivered by each student and two knowledge tests are given. SCOPE: Course content includes the Navy training program; objective, test item, and lesson development; theories and laws of learning; instructional methods and techniques; instructional media; instructor evaluation; factors affecting learning and student motivation and academic guidance and counseling techniques.

PRE-REQUISITE: This course is open to all rates, Officer and enlisted personnel, who have been selected for instructor duty in group-paced courses. Personnel must meet general enlisted instructor selection and assignment criteria in NAVPERS 15909 (Chapter 10). Note: IT is completed on a local server through the Internet.

COURSE NOTES:

P166312	A-012-0077	U	INSTRUCTOR TRNG (JIT) AEC	2w	PSS1	Great Lakes, IL
ECL:	70			**EIMET:**	No	

To train selected Navy, Marine Corps and DOD civilian personnel, including students of allied nations, in the techniques and principles of instruction applicable to the formal school environment. Two performance evaluations are delivered by each student. SCOPE: Course content includes the Navy training program; objective, test item, and lesson development; theories and laws of learning; instructional methods and techniques; instructional media; instructor evaluation; factors affecting learning and student motivation and academic guidance and counseling techniques.

PRE-REQUISITE: Officer and enlisted personnel selected for instructor duty in group-paced courses (NEC 9502). Personnel must meet general enlisted instructor selection and assignment criteria in NAVPERS 15909 (Chapter 10). All personnel must comply with physical fitness requirements of OPNAVINST 6110.1 SERIES prior to transfer. Documentation of Instructor Screening must be made in members service record prior to transfer. This course is open to all rates.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P166313	A-012-0077	U	INSTRUCTOR TRNG (JIT) AEC	2w	PTC3	San Diego, CA
ECL:	70			**EIMET:**	No	

To train selected Navy, Marine Corps and DOD civilian personnel, including students of allied nations, in the techniques and principles of instruction applicable to the formal school environment. Two performance examinations are delivered by each student. SCOPE: Course content includes the Navy training program; objective, test item, and lesson development; theories and laws of learning; instructional methods and techniques; role of technology; instructor evaluation; factors affecting learning and student motivation and academic guidance and counseling techniques.

PRE-REQUISITE: Officer and enlisted personnel selected for instructor duty in group-paced courses (NEC 9502). Personnel must meet general enlisted instructor selection and assignment criteria in NAVPERS 15909 (Chapter 10). All personnel must comply with physical fitness requirements of OPNAVINST 6110.1 SERIES prior to transfer. Documentation of Instructor Screening must be made in members service record prior to transfer. This course is open to all rates.

COURSE NOTES:

P169001	CIVCONTR	U	CURR DEV & MANUAL MAINT FAMILIARIZATION	1w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

Enable students to understand curriculum development programs. Will qualify personnel for further Curriculum and Manual Maintenance Team (CMMT) training.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P169002	CIVCONTR	U	REFERENCE RESEARCH	3w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides fundamental knowledge and skills to enable students to use available reference tools to verify curriculum and manual accuracy and ensure quality development materials. Will qualify personnel for assignment to the Curriculum and Manual Maintenance Team (CMMT).

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P169003	CIVCONTR	U	STRUCTURED WRITING/FORMAT & STYLE GUIDE	3w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides fundamental knowledge and skills to enable students to use word processing tools to create and modify curricula and ensure quality training materials.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P169004	CIVCONTR	U	INTERACTIVE ELECTRONIC TECH MANUAL DEV(IETM)	3w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

Interactive Electronic Technical Manual (IETM) Maintenance course is intended to qualify students for assignment to executive positions of greater responsibility within fleet commands; Inventory Control Points, Naval Supply Centers; and the Research and Development Center.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P169005	CIVCONTR	U	COMPUTER-BASED TRAINING (CBT)	3w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

Provides fundamental knowledge and skills to enable students to manage development of CBT programs. Successful completion of the course will qualify personnel for assignment to Curriculum and Manual Maintenance Team (CMMT).

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169007	CIVCONTR	U	CABIN ACCIDENT INVESTIGATION	1w	PSCE	Torrance, CA
ECL:	70			**EIMET:**	No	

This course focuses on the aircraft cabin environment and related investigation requirements. Attendees will be presented with information to satisfy the requirements for participation in a major investigation assigned to Cabin Safety and Survivability groups. In addition attendees will become familiar with the design requirements for major transport aircraft with particular focus on survivability considerations. Finally, each attendee will learn the unique requirements for interviewing survivors and completely documenting the cabin for deficiencies, injuries sustained during the aircraft accident, escape from the aircraft, and survivability in the post-crash environment. This course will include a practical team experience in reviewing accident data, documenting the cabin interior and analyzing contributing factors for survivability. While the CAI course can be taken without previous investigation experience, it is recommended that a basic aircraft accident investigation course or experience precede this course so that the attendee will be familiar with fundamental investigation techniques, impact assessment dynamics and systems investigation. This course is designed for: The Aircraft Accident Investigator to increase appreciation for the Aircraft Cabin design and survivability aspects; and, The Cabin Safety Specialist who requires dedicated training in order to be a "Party Participant". More generally, this course is designed for anyone who is interested in, who participates in, or plans to participate in aircraft cabin accident investigations, who need to better understand the requirements, techniques, and tasks involved in cabin accident investigation. By attending this course, the attendee will become familiar with the aircraft cabin specifics of aircraft design and learn how that design contributes to crash survivability, escape, and rescue. The attendee will gain valuable techniques in interviewing survivors of aircraft accidents as well as how to document injury causation. To reinforce classroom presentations, a practical exercise will provide first-hand experience in aircraft cabin documentation and associated injury pattern analysis. You will learn the role of an aircraft cabin accident investigator in aircraft accident investigation. The CAI course is a required course for the Certificate in Aircraft Cabin Accident Investigation. The Board of Certified Safety Professionals accepts this course for Continuation of Certification Credit. SCSI will award 3.6 CEUs to each participant who successfully completes this course. Course Topics Overview of Course Cabin Safety Investigation Guidelines Applicable ICAO Standards Example of NTSB Participation Guidance Human Factors and Survivability Group Activities Party to the Investigation Duties and Submissions ISASI Guidelines for Cabin Safety Investigation Technical/Engineering Aspects Aircraft Cabin Design Basics Identification of station points, stringers, chord, pressure bulkheads, waterline, side of body ribs, but lines, etc. Cabin Materials and Failure Mechanism Emergency Systems System Safety / Design Crash Survivability Cabin and Aircraft Standards Calculation of Impact Forces Investigations and Analysis Witness Interviewing: Cabin Crew, Passengers, NTSB Questionnaire Documenting the Aircraft Cabin Documenting injuries Identifying Occupant Seating Equipment Documentation Injury vs. Wreckage Analysis Team Practical Exercise Team Presentation

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169008	CIVCONTR	U	HUMAN FACTORS FOR ACCIDENT INVESTIGATORS	1w	PSCE	Torrance, CA
ECL:	70			**EIMET:**	No	

Human error is implicated in most, if not all, aviation accidents. Accident investigators, therefore, need information, tools, and procedures to discover the role human error has played in an accident/incident being investigated. This course teaches the required material for investigators (a) to identify the human error issues involved in an accident wherever they occurred (e.g., in the cockpit, ATC, management, maintenance, etc.), and (b) to know when and how to call on the required Human Factors experts for further analysis. The course starts with a brief review of the role of human error in aviation accidents using the SHELL, Reason and Helmreich models from an investigator perspective as organizing frameworks. A taxonomy of unsafe acts (organization, supervisor, and operator) is presented. The course then focuses on what the investigator needs to know about the individual human and the various factors which tend to make humans make mistakes including the ability to process information, deal with a physiologically challenging environment, and perform within a potentially sub-optimal workplace. Training and negative transfer, as well as procedures, will also be presented as additional factors leading to human error. Although human error has been implicated in 70 to 80% of all civil and military aviation accidents, most accident reporting systems are not designed around any theoretical framework of human error. As a result, most accident databases are not conducive to a traditional human error analysis, making the identification of intervention strategies onerous. What is required is a general human error framework around which new investigative methods can be designed and existing accident databases restructured. Indeed, a comprehensive human factors analysis and classification system (HFACS) has recently been developed to meet those needs. Specifically, the HFACS framework has been used within the military, commercial, and general aviation sectors to systematically examine underlying human causal factors and to improve aviation accident investigations. Building on the material presented, the course will then provide an integrated discussion summarizing from an investigator's perspective current understanding about causes of human errors and what mechanisms should be in use for their reduction. The course concludes by providing the accident investigator with a systematic framework and process to identify human error issues involved in an accident as well as the factors which may have led to those errors. Who Should Attend Individuals who need to understand the human error issues in aviation accidents and how human error and human limitations can cause accidents. Accident Investigators or those who participate in accident investigation. How You Will Benefit This course provides the accident investigator with a solid foundation for the recognition of 'Human Error' issues and a process to discover them. It can be taken individually or as part of a series of courses in the SCSI Aircraft Accident Investigation Certificate Program. Practical examples and case studies will enhance your theoretical knowledge. This course is accepted by the Board of Certified Safety Professionals for Continuance of Certification credit. This course is one of the required courses for the Certificate in Aircraft Accident Investigation granted by SCSI. SCSI will award 3.6 CEUs to each participant who successfully completes this course. Course Topics Human Factors and Human Error from an Investigator's Perspective. Human Performance and Information Processing. A General Model. Illusions. Stress and Fatigue. Pilot Physiology The Ergonomics of the Cockpit Including Anthropometry, Different Populations and Gender Training and Negative Transfer. Summary of Human Error Causes and Reduction Methods from an Accident Investigator Perspective Integrated Human Error Investigation Procedures Including Case Studies and Clues. Introduction to Human Factors Analysis and Classification System. The Psychology of Witness Interviewing Including the Interviewing of Key Witnesses Not Normally Associated with Basic Witness Interviewing (e.g., spouses of pilots, survivors, crew members with survivor syndrome, etc.) Pressures on the Accident Investigation Team Critical Stress Syndrome and Trauma As it Relates to Witnesses and the Investigators. Pathology: Medical Examiner Evidence and its Relationship to other Clues of Human Actions, Failure to Act and Interactions. What the Investigator can ask and obtain from the Aero-medical Examiner? Automation and the Role of the Crew. Autonomy, Authority and Observability. Case studies. Individual and Team Investigation Exercises.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169009	CIVCONTR	U	HELICOPTER ACCIDENT INVESTIGATION	1w	PSCE	Torrance, CA
ECL:	70			**EIMET:**	No	

Helicopter accidents provide many new challenges for the investigator principally because of the dynamic factors involved in helicopter performance. Knowledge and experience in fixed wing aircraft accident investigation does provide a basic reference since most systems found on helicopters are similar to those found on fixed wing aircraft. There are however some very distinct differences. Most unique are the rotor systems and the aerodynamics of rotary wing flight. These are the focuses of the Helicopter Accident Investigation Course. The course assumes a basic knowledge of aircraft accident investigation. The instruction leads you through examples of the unique aspects of helicopter operations. There is a discussion of helicopter aerodynamics as they relate to accidents. You will learn about Ground Resonance and Dynamic Rollover. You will be introduced to the problems of Settling Under Power and Vortex Rings. You will also learn to identify some of the in-flight problems associated with transmission and rotor failures. These include actual examples of Mast Bumping and Tail Rotor Failure. You will learn about the importance of crash survivability investigation in helicopter accidents and the specific areas of concern. One aviation safety expert has asserted that: "All (helicopter) problems are pilot related. Even engine failure, rotor failure and various types of airframe failure can be traced to lack of knowledge of design limitations." This course will look at the human factors aspects of rotary wing flight and expose you to several of the important human errors that have resulted in helicopter accidents. Although this course is about helicopters, knowledge and experience in helicopters is not necessary to take the course. Any one will benefit by taking this course from the novice who gains an introduction to the unique problems of helicopter operations to the expert for an update on modern helicopter issues. Helicopter Accident Investigation gives any investigator a valuable addition to his or her professional knowledge and qualifications. Who Should Attend This course is for individuals who will be involved in rotary wing accident investigations in any capacity and assumes that the attendee has either experience in accident investigation or has completed a course such as SCSI's Aircraft Accident Investigation (AAI) course. How You Will Benefit " The course focuses solely on the investigation of rotary wing accidents. It will extend your knowledge of investigation tools and techniques by providing specific information you will need to understand the unique requirements for rotary wing accident investigation. " You will gain an understanding of the special aspects of rotary wing investigations, become familiar with the unique design aspects and failure modes for helicopter structures, engines, transmissions and rotors, control systems and other systems " You will become familiar with the special problems presented by helicopter aerodynamics and performance issues " You will become aware of some of the human factors issues that impact helicopter accidents " You will be able to participate effectively in a helicopter accident investigation " This course is accepted by the Board of Certified Safety Professionals for Continuance of Certification credit. It is one of the required courses for the Certificate in Aircraft Accident Investigation granted by SCSI. SCSI will award 3.6 CEUs to each participant who successfully completes this course. Course Topics Helicopter Investigation Differences Helicopter Structures Rotary Wing Control Systems Helicopter Systems Engines Transmissions and Rotors Rotary Wing Aerodynamics and Performance Helicopter Recording Devices Rotary Wing Accidents and Human Factors Initial Actions at the Crash Scene Wreckage Recovery/Reconstruction/Diagram Failure Investigation Helicopter Unique Mishaps Crash Survivability Seven Phases of Investigation

PRE-REQUISITE:

COURSE NOTES:

P169010	CIVCONTR	U	FLIGHT DATA ANALYSIS	0.6w	PSCE	Torrance, CA
ECL:	70			**EIMET:**	No	

Course Description This course presents the elements for conducting analysis of aircraft recorders. Attendees will review recorder design and management requirements. Each attendee will participate in group analysis projects using actual recorded mediums and data printouts. Who Should Attend This course is for individuals who have responsibility for participation in aircraft accident investigations or conducting flight data analysis for their organization. How You Will Benefit You will learn the essentials of conducting analysis of recorded data commonly associated with aircraft. You will learn and understand Flight Data and Cockpit Voice Recorder requirements You will become familiar with flight data analysis procedures You will learn to develop and train people to use a flight data analysis program for your own organization Course Topics History of Flight Recording Crashworthiness Standards Accident Investigation Considerations CVR Privilege Flight Data Analysis Cockpit Voice Recorder Analysis Airline FOQA/FDA/FDM Programs Use of Flight Animation Case Histories Radar Data Analysis Current Recommendations and Future Trends

PRE-REQUISITE:

COURSE NOTES:

P169011	CIVCONTR	U	OPERATIONAL RISK MANAGEMENT	0.6w	PSCE	Torrance, CA
ECL:	70			**EIMET:**	No	

OPERATIONAL RISK MANAGEMENT This Course provides "how-to" instruction in applying primary and select ORM tools and techniques. In addition, the integration of ORM into organizational activities is covered. The course emphasizes practical applications and concentrates on case studies and situations to develop risk management skills. Who Should Attend Military or government civilian personnel serving as organizational ORM focal points, ORM trainers, lead planners, and others requiring a more in-depth understanding of ORM principles, tools and application. Attendees should have completed a basic course in operational risk management principles prior to attending this course. How You Will Benefit You will be introduced to methods, tools and techniques to develop and apply ORM principles and practices in your organization You will learn the process of risk identification and assessments, and will actually employ these techniques in problem solving exercises. You will be introduced to Risk Management Checklists and procedures as described in AFPAM 90-902. You will be able to develop and implement a risk management program within your organization that meets the requirements of AFPD 90-901 and AFI 90-901. Course Topics - Key ORM Concepts- How to Use the ORM Process Model- ORM Integration- Applying Systematic Risk Management- The ORM Steps- Using Hazard Identification Tools- Assessing Risk- Analyzing and Selecting Control Measures- Implementing Risk Controls- Supervision, Follow-up, and Feedback- Case Studies and Examples - Course Administration The course is three days (24 hours) of instruction. Classes start at 0800 and end at 1600 on the last day.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169014	A-493-0061	U	GENERAL INDUSTRY SAFETY STANDARDS	1w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

The purpose of this course is to provide full-time OSH personnel and designated shore collateral-duty OSH managers/safety officers, fire protection specialists, and others assigned responsibility for conducting/supervising OSH inspection efforts at shore activities, with the training to identify and interpret OSHA standards and apply those standards to their work environment. NOTE: Students completing this course will receive a 30 Hour OSHA certification card by mail 30-60 days following the course convening. SCOPE: The course content includes standards; Intro to OSHA standards, safety & health programs, recordkeeping, walking-working, exit, fire protection; storage and materials handling; machine guarding and portable tools; welding and cutting; hazardous materials; general environmental control; toxic and hazardous substances; personal protective equipment; confine space, electrical, bloodborne pathogens, and hazard communication.

PRE-REQUISITE: Must be in GS-018, -019, -640 (IH Tech), -690, -803 classification series, Industrial Hygiene Officer or full-time military safety personnel at Naval shore . Military or civilian collateral duty safety personnel are eligible but must be designated in writing as the activity OSH manager or safety officer. All personnel must also have 12 months from course date remaining in job assignment.

COURSE NOTES: LOCATION INFO Please visit NAVOSHENVTRACEN website, within two weeks of course convening, for detailed course location information, such as building and POC at www.safetycenter.navy.mil/training/location.htm MESSING/BERTHING: Civilian and military personnel are to arrange for their own messing/berthing in the area where each convening is being conducted, in accordance with applicable regulations. TRANSPORTATION: Dependent upon individual convening sites. UNIFORMS: Military personnel are to appear in the uniform of the day for each class locations site. Students should check with the particular base to ensure proper attire.

P169015	A-493-0084	U	FALL PROTECTION	0.8w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

The purpose of this course is to provide full time safety professionals, Resident Officers-in-Charge of Construction (ROICC), Public Works Department Personnel, construction inspectors and similar quality assurance personnel at shore activities with fall protection program criteria, requirements and systems. Students will also participate in fall arrest system activities using applicable scenarios. Scope: This course fulfills the training requirements delineated in OPNAVINST 5100.23G series, Chapter 13, ANSI Z359 Fall Protection Code, 29 CFR 1910, 29 CFR 1926 Subpart M and United States Army Corps of Engineers EM 385-1-1. This course will qualify the student to be designated by their activity as a "competent person."

PRE-REQUISITE: Must be in GS-018, -019, -803 classification series, ROICC, Public Works Department Personnel, construction inspectors, or full time Naval military personnel. Must be responsible for the safety of personnel performing work operations with significant fall protection hazards (e.g., construction operations, elevated platforms and scaffolds). Military or civilian collateral duty safety personnel are eligible but must be designated in writing as the activity OSH manager or safety officer. All personnel must have 12 months from course date remaining in the job assignment.

COURSE NOTES: Special Requirements: Students must bring safety glasses, hearing protection and safety shoes for field exercise. Students are encouraged to bring a clean set of utilities or coveralls (civilians: clothes suitable for a field exercise.)

P169016	A-493-0031	U	INTRODUCTION TO HAZARDOUS MATERIALS (ASHORE)	0.6w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

Introduction to Hazardous Materials Ashore introduces civilian and military personnel assigned to full-time or collateral OSH, or other duties involving the management of hazardous materials with the training to identify hazardous materials control requirements and methods ashore. Scope: The course content includes definitions and types of hazardous materials; chemistry of hazardous materials; human toxicology; Hazard Communication (HAZCOM) program; identification, labeling, marking, storage and transportation of hazardous materials; Hazardous Waste Operations and Emergency Response (HAZWOPER), and management of a Navy HMC&M program.

PRE-REQUISITE: Personnel must be in GS-018, -019, -640 (IH Tech), -690, -803 classification series, Industrial Hygiene Officers, or military personnel who may serve in full time or collateral duty safety/hazardous material duties, as well as those civilian or military personnel involved in the management of Hazardous Material Minimization Center (HAZMINCEN) operations. All personnel must also have 12 months from course date remaining in job assignment.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169017	A-493-0089	U	NAVOSH ASSESSMENT TOOLS & STRATEGIES	0.8w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

This course is designed to build basic principles, concepts, and practices of prevention vs. compliance for shore-based Occupational Safety and Health professionals. Scope: This course will offer students the opportunity to explore risk assessment, Operational Risk Management (ORM), and safety program self-assessment strategies. Behavioral safety techniques are emphasized through the use of modeling and effective forecasting tools. Topics include Metrics, Process Review and Measurement System program overview, risk management decision-making, behavioral safety techniques, process improvement, VPP, flow charting lesson, self-assessment, data collection and application, causal factor analysis, and root cause approach to mishap prevention analysis.

PRE-REQUISITE: Must be full-time Occupational Safety and Health professional in GS-018, -019, -640, -690, -803 classification series, or Industrial Hygiene Officer. Military and civilian collateral duty personnel are eligible but must be designated in writing as the activity OSH manager or safety officer. All personnel must have 12 months from course date remaining in job assignment.

COURSE NOTES: It is highly recommended that this course be the last core requirement class taken in sequence by the safety specialist.

P169018	A-493-0078	U	MISHAP INVESTIGATION (ASHORE)	1w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

The purpose of this course is to provide full-time SOH personnel, safety officers, and designated activity collateral-duty managers or safety officers at Navy and Marine Corps activities with the training to investigate and report mishaps involving both on- and off-duty personnel. Scope: The course content is based on the OPNAVINST 5102.1 Series and includes: administrative considerations; change and energy-barrier target analysis; definitions; types of mishap investigations; requirements to ensure reporting of all mishaps; mishap investigation training; SIB requirement's reporting and recording procedures; Commanding Officer review of lost time mishaps; mishap analysis procedures that apply to Navy mishap investigations; reporting and recordkeeping requirements for recreation, athletics, home, military off-duty, and motor vehicle mishaps.

PRE-REQUISITE: Must be in GS-018, -019, -640 (IH Tech), -690, -803 classification series, Industrial Hygiene Officers, or full-time military safety personnel. Military or civilian collateral duty personnel are eligible but must be designated in writing as the activity SOH manager/safety officer. All personnel must have 12 months from course date remaining in job assignment.

COURSE NOTES:

P169019	A-493-2099	U	SAFETY PROGRAMS AFLOAT	0.4w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

The Safety Programs Afloat course provides surface ship Divisional Safety Petty Officers with the basic knowledge and skills required to perform their duties and responsibilities in accordance with OPNAVINST 5100.19E.Scope: This course teaches the facilitation, implementation and maintenance of an effective divisional safety program. This course identifies how Safety Petty Officers support the command Safety Officer in maintaining an effective shipboard safety program which includes; divisional safety training; mishap investigation and reporting; shipboard safety organizational development; safety equipment maintenance; and operational risk management application. All personnel must complete the Naval Safety Supervisor course (NAVEDTRA 14167F), offered as a downloadable non-resident training course via the Navy Advancement Centers website: https://www.advancement.cnet.navy.mil. This non-resident training course covers the fundamentals of OPNAVINST 5100.19 (series) that provides requisite baseline knowledge for the Safety Programs Afloat course.

PRE-REQUISITE: Must be E-5 through E-9 assigned safety duties afloat. All personnel must have at least 12 months from course date remaining in job assignment. Students must complete PQS 301 of NAVEDTRA 43460-4C PQS prior to attending the formal classroom training. Students must bring proof of completion to the class.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169208	S- 8G-0500	U	INTL HYDROG MGT & ENG PGM	26w	PNOS	Stennis Space Center, MS
ECL:	70A			**EIMET:**	No	

The Naval Oceanographic Office's (NAVOCEANO) Fleet Survey Team (FST) International Hydrographic Management and Engineering Program (IHMEP) provides practical, professional training in hydrographic survey management and engineering. This six-month course has received the International Federation of Surveyors/International Hydrographic Organization Advisory Board on Standards of Competence for Hydrographic Surveyors Category "B" certification. The program provides students with a working knowledge of hydrography through practical training in mathematics, computer science, the physical sciences, geodesy, the Global Positioning System, hydrography (single beam, multi-beam, and side scan sonars), oceanography, meteorology, nautical cartography, project resource management, and Law of the Sea. It is based on 30 hours of classroom training and practical field projects per week. The student will be housed in the BOQ. Messing is not available. NOTES: The course is designed for a maximum of 12 students and is open to both military and civilian personnel. NAVOCEANO exercises quota control with NETSAFA. Students attend classes in civilian clothing. Students are required to bring one Dress Military Uniform for orientation and graduation exercises. Students should be in good to excellent health. International trainees must report to NAVOCEANO for in-processing prior to 1700 hours on the last Wednesday in February preceding the scheduled Monday start date. The student should fly into Gulfport Airport, Gulfport, Mississippi.

PRE-REQUISITE: Students should have a working knowledge of mathematics (minimum up to and including trigonometry) and of physics (basic university entrance level). In addition, students should have some knowledge and experience in maritime navigation and electronics. Students from non-English speaking countries must have an English comprehension level of at least 70%.

COURSE NOTES:

P169217	MTT PNSS	U	MTT ASBESTOS SUPV INITIAL (CONUS)	1w	VAR	
ECL:				**EIMET:**	No	

THIS TRAINING IS OFFERED AS AN MTT AND TAUGHT AT VARIOUS LOCATIONS AS DETERMINED BY NAVSAFENVTRACEN. Provides Navy Military and Civilian workers and supervisors involved in asbestos removal operations with EPA-accredited training on asbestos regulations, inspecting and reporting of asbestos hazards, and managing removal operations. Graduates will receive one-year EPA certification as "Supervisors". This course meets all requirements established by the Asbestos Hazard Emergency Response Act (AHERA), Asbestos School Hazard Abatement and Reauthorization Act (ASHARA), National Emission Standards for Hazardous Air Pollutants (NESHAP), EPA Worker Protection Rule, Occupational Safety and Health Administration (OSHA) standards, and regulations promulgated by the Department of Transportation (DOT). Course content includes the physical characteristics of asbestos; potential health effects related to asbestos exposure; employee personal protective equipment; state-of-the-art work practices; personal hygiene; additional safety hazards; medical monitoring; air monitoring; relevant federal and state regulatory requirements; and establishment of regulated work areas and decontamination unit. This course does not qualify personnel in bulk or air sampling. NOTE: Personnel successfully completing this course will also have met the requirements set forth in the Emergency Asbestos Response Team (EART) course (CIN# A-760-2166). NOTE: NET country program managers should contact you for the price as pricing will change dependent primarily on the location of the class PREREQUISITES OTHER Navy military and Civilian personnel who may be assigned or required to perform or supervise all classes of asbestos removal operations. Due to the intensity of the course, strongly recommend personnel NOT stand duty while attending this course.

PRE-REQUISITE:

COURSE NOTES: A-493-0069

P169226	CIVCONTR	U	GAS TURB ACCIDENT INVESTIG	1w	PSCE	Torrance, CA
ECL:	70			**EIMET:**	No	

GAS TURBINE ACCIDENT INVESTIGATION Investigating the engine aspects of aviation accidents is a complex, difficult challenge. This is especially true when the new high technology gas turbine engines now in use in commercial aviation are involved. The investigator, even if familiar with the traditional tools and techniques of power plant investigation must update this knowledge to include the design aspects and failure modes of these new engines. This course is aimed at gas turbine engines installed in aircraft as part of the propulsion system. The course will discuss the basic modules of the jet engine including the inlet, fan, compression, burner, turbine and exhaust system from the standpoint of how they react as either causes or in ground impact damage in airplane accidents. The course offers an in-depth understanding of all the leading causes of engine related incidents and accidents as well as an up-to-date understanding of the interaction between these causes, the aircraft and the flight crew. You will learn to recognize the post crash evidence of the most serious engine related accidents - catastrophic rupture of the engine due to uncontained failures, and bird and ice ingestion. You will learn to recognize so-called "benign" engine failures but also will be introduced to how such failures coupled with crew error can lead to a catastrophic accident. In the first three days of class you will learn some unique investigative techniques to confirm engine involvement and major cause effect. You will then reinforce that classroom experience in examination of actual accident sites at the world s largest aviation crash laboratory. You will actually determine engine involvement and identify major causes in the field. Just as important to the investigation as the accurate gathering of evidence is the clear, concise and accurate reporting of that evidence to include clear, logical conclusions. The final part of this course will introduce you to the significance of a good report and how to draw conclusions that will support practical recommendations. Finally, You will gain some understanding of the relationship between the involvement of an engine and the rest of the aircraft and operation. This will be done through actual evidence and summaries of studies and work of various industry-wide committees. When you have completed this course you will have the skill and knowledge to actively and effectively participate in a gas turbine accident investigation and make the necessary field determinations regarding engine operation, impact damage and possible engine involvement in the accident sequence.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169227	CIVCONTR	U	AIRCRAFT ACCIDENT INVESTIG	2w	PSCE	Torrance, CA
ECL:	70			**EIMET:**	No	

In civil aviation, investigating aircraft accidents is the responsibility of the National Transportation Safety Board (in the United States) or a similar government agency in any country that is a signatory to the ICAO Conventions. Nonetheless, under ICAO Annex 13 and in the US CFR Part 830, every operator of a civil aircraft has certain responsibilities in the event of an accident or incident. These responsibilities include proper reporting, preservation of evidence, and support of the investigation team. In addition, agencies or organizations actively involved in the accident may be invited by the NTSB to participate in the investigation. This would include the operator, airframe and engine manufacturers, and other technical experts. To be qualified to join the investigation, invited participants must have the technical expertise to support the investigation as well as an understanding of the accident investigation process in order to provide accurate and timely support. These are the regulatory reasons for understanding the aircraft accident investigation process and techniques. There is also another very important reason for understanding accident investigation. The NTSB and the FAA only become involved in those events (accident or incidents) that are reportable under Federal Regulations. But, many events occur that are not reportable which under slightly different circumstances could easily have been an accident and reportable. An effective aviation safety program must be able to identify, investigate, and correct the factors that create near accidents so that a real accident can be prevented. It is for these two reasons that SCSI has designed and offers this Aircraft Accident Investigation (AAI) course. In this course you will become familiar with the regulatory requirements for investigating and reporting, not only those requirements applicable to the United States, but also those of ICAO Annex 13 upon which almost all modern individual reporting and investigating requirements are based regardless of nation. Once you understand the reporting requirements you will learn about how to comply with the operator s responsibilities to preserve evidence and support the investigation. You will learn how to set up an interim response team that will collect and preserve evidence. You will learn what evidence to preserve and how to preserve it. You will also learn about the hazards at an accident site and how to protect yourself. You will learn the process of investigation from initial actions and set up to how to investigate each area of specialty, systems, structures, engines, and operations. You will be introduced to the areas of aircraft performance and structures that contribute to aircraft accidents and how they can be identified. You will also learn about specialized areas of investigation such as fire, midair collision, and in-flight explosion. You will learn how the use of recording devices and simulation have enhanced and improved the process of finding accident causes. Human error is estimated to be a major cause in 85% of all aircraft accidents. You will learn Human Factors to help investigate possible human error. This portion of the course will examine the role of psychological and physiological effects as well as the role of the aero-medical investigator. It has been said that a picture is worth a thousand words. Accident photography is used to document evidence and to illustrate the investigator s conclusions. There are many choices of media today, both chemical and electronic. In this course you will receive instruction in the use of both chemical and digital photography systems and have hands on experience with digital photography systems using the crash lab. Although digital cameras will be provided, you may bring your own cameras. Recent technology advances enable investigators to use the global positioning satellite (GPS) system during aircraft accident investigations. This course will include

PRE-REQUISITE:

COURSE NOTES:

P169265	S- 8G-0501	U	IHSAP-CAT A - MASTERS DEG	52w	PNOS	Stennis Space Center, MS
ECL:				**EIMET:**	No	

The Naval Oceanographic Office (NAVOCEANO), which is the Navy's Center for Hydrographic Expertise, and The University of Southern Mississippi (USM) have formed a partnership for hydrographic education. Academic courses for this program are taught at the Stennis Space Center, Mississippi, the location of both NAVOCEANO and the USM Department of Marine Science. The partnership combines the academic programs of USM at the Stennis Space Center facilities, and the expertise of NAVOCEANO personnel to train hydrographers. The Hydrography curriculum has received Category "A" certification by the International Federation of Surveyors/International Hydrographic Organization Advisory Board on Standards of Competence for Hydrographic Surveyors. The curriculum can be completed in one rigorous year of studies and includes a hydrographic field project. Upon successful completion of the curriculum, students receive a Master of Science in Hydrographic Science from USM. NOTES: Full-time students are admitted to the degree program only in the fall semester (August) of each academic year. All application materials for fall semester admission should be received by NAVOCEANO no later than 1 March. A minimum score of 560 is required on the Test of English as a Foreign Language examination for applicants whose native language is not English. NAVOCEANO exercises quota control with Navy IPO. Students should be in good to excellent health. Students must report to NAVOCEANO for in-processing prior to 1700 hours on the Wednesday preceding the scheduled Monday start date. HOUSING/TRANSPORTATION: All classes are conducted in the USM Department of Marine Sciences' facilities at SSC, Mississippi, which is located 15-25 miles from the nearest cities in the area. No military housing is available for students participating in IHSAP. They must make their own arrangements for living quarters in rental apartments or houses in the state of Mississippi during their participation in the program. There is no government or public transportation available for travel to SSC. Students must provide their own transportation to SSC from their living quarters.

PRE-REQUISITE: Students entering the program must hold a Bachelor of Science degree or equivalent degree and be proficient in mathematics, physics, and computer science. Students seeking admission to the degree program must: (1) complete application form (http://www.usm.edu/graduatestudies/appDoc/app.pdf), (2) complete the Graduate Record Examination, (3) complete the Test of English as a Foreign Language examination, (4) have letters of recommendation sent by three individuals, and (5) submit a letter of intent expressing their academic, research, and career goals.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P169280		U	OCEANOGRAPHIC OBSERV SYS	1w	VAR	
ECL:	70			**EIMET:**	No	

To present a system level training program relative to Oceanographic Observation Systems design, manufacture and installation. Location of this Training: General Dynamics, McLeansville, NC for 1st part of the training; and Lockheed Martin, Manassas, VA for the remainder of the training.

PRE-REQUISITE:

COURSE NOTES:

P170001		U	CCMR EXEC PRGM IN DEC MK	2w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The CCMR Executive Course on Defense Decision -Making is a two-week program conducted every June at the Naval Postgraduate School in Monterey, California. The program has been restructured to emphasize the impact of change on modern defense establishments. Four main themes will be covered: Development of National Security Strategy; Threat assessment; Intelligence; and Domestic Defense Challenges (e.g. terrorism, natural disaster). The course is designed for senior (0-7 and above) military officers and their civilian counterparts from legislatures, government ministries, and non-governmental organizations. Participants will have the opportunity to meet and work with leaders from around the world on issues of defense decision making common to democratic nations. The curriculum has a strong problem-solving focus and draws examples from the experiences of many different countries. Participants will be required to prepare and present briefings on civil-military relations and defense decision processes in their countries. The Executive Program is presented in English (TOEFL score standard of 80 is waiverable). Classes are held in CCMR classrooms at the Naval Postgraduate School. Class Size: 24 SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P170002	CURR 262	U	HUMAN SYSTEMS INTEGRATION (HSI) CERTIFICATE	52w	VAR	
ECL:				**EIMET:**	No	

Human Systems Integration (HSI) acknowledges that the human is a critical component in any complex system. It is an interdisciplinary approach that makes explicit the underlying tradeoffs across the HSI domains, facilitating optimization of total system performance in both non-materiel and materiel solutions to address the capability needs of organizations. The Human Systems Integration (HSI) Certificate program is a distributed learning, graduate-level, non-degree program designed to enable acquisition professionals, program managers, engineers and scientists of the DoD and other Federal agencies to effectively implement Human Systems Integration (HSI) in the acquisition of technological systems. Students will learn about the domains of HSI; the manner in which HSI is implemented in the acquisition process; and, the tools, techniques, approaches, and methods employed by HSI practitioners. Additional topics include the fundamentals of usability assessments, modeling, optimization, and decision making to demonstrate cost-benefit trade-offs for technical, cost, and schedule modifications in systems acquisition. The program consists of four online courses taken over a 12 month period. The course content and projects address problems of interest to the DoD and other Federal agencies. Students wishing to pursue a Master's Degree in HSI can apply the credits gained in this Certificate Program to that degree. Course Start: Summer Quarter Quotas: Limited to 30 students per year Certificate: HUMAN SYSTEMS INTEGRATION (HSI) CERTIFICATE Course

PRE-REQUISITE: A baccalaureate degree is required. Other requirements include Completion of two or more pre-calculus classes with B or better average; an academic profile code (APC) of 345; completion of DAU ACQ 101 and 201A. Waivers may be considered.

COURSE NOTES: PGS CBT (4 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170003		U	EXPLORING THE DDR-SSR NEXUS	0.8w	PCMR	Monterey, CA
ECL:	70			**EIMET:**	No	

EXPLORING THE DDR-SSR NEXUS The Center for Civil-Military Relations through its affiliate organization, the Center for Stabilization and Reconstruction Studies (CSRS) offers a three and one half day seminar entitled "Exploring the DDR-SSR Nexus" at a local conference venue in Monterey, California, USA. While practitioners and policy makers have often tackled the challenges associated with the Disarmament, Demobilization and Reintegration (DDR) of ex-combatants and a nation's Security Sector Reform (SSR) as separate aspects of post-conflict recovery, it is becoming increasingly clear that coordinating these activities will help achieve success in each area. Objectives: o Explore the major tensions, challenges and overlaps within the DDR-SSR nexus to identify practices that can ensure the success of each effort. o Review the new Integrated DDR Standards' (IDDRS) policy guidance on the relationship between DDR and SSR. o Identify the roles that different communities/agencies play in DDR and SSR, and how activities can be coordinated within the UN Inter-Agency Working Group on DDR and among other practitioners for maximum efficiency and effectiveness. o Expand professional networks among the communities involved in DDR and SSR activities. Methodology: The workshop will consist of a series of panel presentations, plenary discussions and small group exercises. A reception and group meals will support professional networking and in-depth dialogue. Participants: Approximately 45 representatives from civilian government agencies, non-governmental organizations, inter-governmental organizations and the armed forces will attend. Participants should be mid-to-senior level with policy-making and/or experience working in the field. Up to six slots are reserved for security assistance funded participants from outside the US. In order to guarantee diversity in the course, no one country may use more than three of these reserved slots. Cost: Tuition for this course is $3,500.Contact Information High demand for this course is anticipated. Enrollment decisions will be based primarily on appropriateness of the specific applicant.

PRE-REQUISITE:

COURSE NOTES:

P170004		U	MET ACQUISITION PHASE II	1w	PATM	Monterey, CA
ECL:	70			**EIMET:**	No	

INTERNATIONAL DEFENSE ACQUISITION RESOURCE MANAGEMENT PHASE II, CURRICULUM DEVELOPMENT Phase II for all International Defense Acquisition Resource Management (IDARM) series courses is the curriculum development phase and builds on the information gathered in Phase I. Using the country s known requirements and the latest instructional techniques, a curriculum is designed which will meet desired learning outcomes. Phase II is accomplished via MET or in CONUS. In either case, the tailored curriculum will be presented to the participating country s delegation for approval and any necessary modifications will be implemented. If desired, Phase II can include delivery of a pilot course or seminar. The preferred Phase II alternative is the CONUS program design effort at the Naval Postgraduate School (NPS) in Monterey, CA. This allows the country representatives to travel to the United States and meet with NPS faculty who will develop and deliver IDARM courses, and to become familiar with the entire range of educational activities and programs at NPS.

PRE-REQUISITE:

COURSE NOTES:

P170006	CURR 245	U	DEF PLAN CERT (GRADUATE-LEVEL EDUC DEF PLANNERS)	13w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

DEFENSE PLANNING CERTIFICATE (GRADUATE-LEVEL EDUCATION FOR DEFENSE PLANNERS)Defense planning is a critical capability to ensure effective and efficient performance by an armed force, as well as to ensure the civil control of armed forces. In order to support the ability of the U.S. Department of Defense and U.S. Department of State to expand the ability to educate foreign officials in defense planning, the U.S. Naval Postgraduate School has initiated an International Defense Planning Certificate from the Department of National Security Affairs. This certificate program is a resident program that will be delivered annually during NPS's summer quarter. The program consists of four (4) graduate level courses / seminars that have been organized to appeal to mid- and higher-level civilian defense officials, as well as military officers with responsibilities for planning, organization, and management of armed forces. Sponsoring country teams and recipient countries are encouraged to engage in discussions with the Certificate's organizers prior to sending students to Monterey to design country-specific research and analysis projects to fit with on-going national defense reform efforts. The program will require the participating students to take four seminars: 1) Comparative Defense Planning (NS3246), 2) Comparative Defense Organization and Management (NS3245), 3) War in the Modern World (NS3000), and 4) Strategic Planning and the Military (NS3230). Students wishing to pursue a Master's Degree in the Department of National Security Affairs can apply the credits gained in this Certificate Program to that degree. Quotas: 25 Course Prerequisites a baccalaureate degree, or its equivalent, is required. The following admissions criteria apply: an undergraduate degree with at least a 2.6 GPA and a TOEFL score of 90.

PRE-REQUISITE: A baccalaureate degree, or its equivalent, is required.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170007		U	I-MPA INT'L MASTERS IN PUBLIC ADMIN; DEGREE- (MPA)	52w	PGS	Monterey, CA
ECL:	90			**EIMET:**	No	

International Masters in Public Administration; Degree-Masters in Public administration (MPA) The International Masters in Public Administration program (IMPA) provides qualified students with the management and leadership skills needed to envision creative solutions to some of the most vexing problems that confront the global community: health and environmental sustainability; critical infrastructure protection, human, cyber and maritime security; and economic development. Just as importantly, this program gives students the practical skills needed to implement their ideas so that their thinking makes a difference--long and short-term--at the local, national, regional, and global levels. In short, IMPA transforms students from competent managers to thought leaders who see opportunities, threats, and risks through a global lens. The IMPA is a fast-paced one-year program divided into 4 quarters. First quarter classes are taught at one of three international partner institutions located in Geneva, Bahrain, and Singapore. The remaining 3 quarters are taught at the Naval Postgraduate School in Monterey, California. Students completing the program receive a Masters in Public Administration (MPA) from the Graduate School of Business and Public Policy (GSBPP) at the Naval Postgraduate School. GSBPP is one of four business schools in the US accredited by both The Association to Advance Collegiate Schools of Business International (AACSB) and National Association of Schools of Public Administration (NASPA). To complete the program, students complete between 54-60 quarter hours of course work, depending on the concentration track and electives that they choose. Specifically, students complete 9 courses in areas such as global change and emerging security challenges, strategy and innovation in a global context, international acquisition principles, and systems thinking in a complex global world. So students have a deep level of expertise, they will choose a 4-course concentration sequence. Key concentration areas include global health and humanitarian management, strategies for security development, and financial management. Finally, students complete a large scale final project that requires them to conduct research and use the knowledge, skills, abilities they've mastered throughout the program to solve a complex problem their organizations face. The global health concentration gives participants the unique opportunity to gain experience and cutting-edge insight into humanitarian health crisis management, critical decision-making, and global health governance. In the strategies for security development concentration, participants design strategies to confront emerging threats at sea, in ports, and on land including those posed by terrorism, criminal activity, and pandemics. The financial management concentration is focused on building integrity and capacities for effective governance. Quotas: Limited to 30 students per cohort Course Pre-requisites: Baccalaureate Degree (BA or BS); GPA of 2.6 or better; TOEFL score of 90 on the Internet-Based Test (IBT); a 500 word essay written in English that describes the future job challenges the candidate will face and the new knowledge, skills, and abilities the candidate will need to confront these challenges.

PRE-REQUISITE: Course Pre-requisites: Baccalaureate Degree (BA or BS); GPA of 2.6 or better; TOEFL score of 90 on the Internet-Based Test (IBT); A 500 word essay written in English that describes the future job challenges the candidate will face and the new knowledge, skills, and abilities the candidate will need to confront those challenges.

COURSE NOTES:

P170008	CURR 265 PG	U	MODELING & SIMULATION MANAGEMENT CONUS	39w	VAR	
ECL:				**EIMET:**	No	

The Modeling and Simulation (M&S) Management Certificate consists of 4 courses designed to enable DoD and other federal workforce members to efficiently apply M&S tools to support acquisition activities throughout a program lifecycle. M&S acquisition requires substantial up-front planning and unique considerations for their effective use. The M&S Management Certificate program is targeted for students who seek further knowledge regarding the purposeful, effective application of M&S systems to support the acquisition lifecycle, for example, personnel in the DoD Acquisition Workforce.This certificate is offered jointly by faculty of the Modeling, Virtual Environments and Simulation (MOVES) Institute and the Systems Engineering Department. It is designed to increase the technical, analytical and management skills of officers and other professionals so they can efficiently apply M&S tools to support acquisition activities throughout a program lifecycle and make purposeful, effective application of M&S systems. The certificate also serves as the gateway into a distance-learning degree in M&S for Acquisition and the Master of Science in Modeling, Virtual Environments and Simulation degree in residence at NPS and in less time than for a standard resident program. The M&S Management Certificate is taught using web-based delivery, allowing students anywhere in the world to enroll. For active duty Navy officers textbooks are the only cost. Additional information on the program can be found at http://www.movesinstitute.org/certificates.html

PRE-REQUISITE: The student must have a baccalaureate degree with above-average grades. Familiarity with the basics of acquisition management is an assumed prerequisite. For example, NPS MN3331 or DAU ACQ101 satisfy this prerequisite.

COURSE NOTES: Quotas: Limited to 30 students per yearCourse Start: Any quarter chosen by the sponsor Course Length: 3 Quarters

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170009		U	CCMR INTEL AND POLICY IN RESIDENCE	2w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	No	

Policy Makers and Their Potential Contribution to Intelligence Reform in a Democracy, In Residence CourseThe Center for Civil-Military Relations' (CCMR) Expanded International Military Education and Training (EIMET) approved seminar entitled "Policy Makers and Their Potential Contribution to Intelligence Reform in a Democracy" is a two week course conducted at the Naval Postgraduate School (NPS) once a year, in April. The course aims to assist countries consolidate their democracies from the perspective of institutionalizing democratic intelligence systems (i.e. that are both transparent and effective), with particular focus on the role and contribution of policymakers to reform. In all democratic systems, intelligence reform is a "Gordian Knot" that incessantly tests policy makers: the onus is on them to develop and maintain intelligence systems that protect democracy (and are democratically accountable), while, at the same time, maintaining secrecy. There is no clear solution to this challenge. In well-established democracies policy makers have developed mechanisms to tackle the "democracy-intelligence" dilemma, yet these mechanisms are relentlessly being revised and reworked. In new democracies, however, decision makers have to create these mechanisms from ground zero, and do not always succeed in balancing effectiveness with transparency. In those that do succeed, decision makers face numerous challenges, yet, after long and protracted endeavors, may eventually manage to accommodate effectiveness and transparency. Both interest and willingness (whether self-initiated or due to outside pressure or/and incentives), as well as expertise, on the part of policy makers are paramount in successful intelligence reform. As in many democracies (old and new) policy makers, for various reasons, either lack interest or expertise (or both) on how to deal with intelligence reform, this course (which focuses on the potential contribution of policy makers to the democratic reform of intelligence) seeks to compensate for these lacunae. It includes discussions on what intelligence reform involves, discussions and debates on why democratic reform of intelligence should matter to policymakers, and why it is incumbent on them to invest time and effort in intelligence democratization, as well as insights regarding policymakers' potential contribution to reform (including inherent challenges and available practices to overcome them). The course will provide participants with a wide range of case studies and examples from both established and developing democracies.The key objectives of this course are to:1. Provide participants with an understanding of the relevance of Intelligence Reform in a democracy 2. Provide participants with insights on why it is important that policy makers become involved in intelligence reform in a democracy (including discussion on the advantages versus negative outcomes in case they do or not engage in intelligence reform)3. Familiarize participants with intelligence reform requirements, challenges, and opportunities; and4. If required/needed, assist participants in developing an action plan for intelligence reform in their own countries.CCMR's approach to teaching the "Policy Makers and Their Potential Contribution to Intelligence Reform in a Democracy" course is to focus instruction on the specific conditions and unique requirements of a country, and in consonance with ODC/SCO/MILGROUP guidance. Participants will be provided with necessary theoretical knowledge by academic lecturers and experienced practitioners. The workshop utilizes case studies and simulation exercises to provide participants with the knowledge and skills needed by policymakers to reform their national security institutions. Participants will be exposed to all critical elements of intelligence reform, including: role of intelligence in supporting national security and safeguarding democracy, developing legal frameworks for intelligence, institutionalizing democratic control and oversight, professionalization of intelligence, interagency coordination, international intelligence cooperation and sharing, developing a security and intelligence culture. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with civilian and military officials of all government and security sector branches in a group setting to develop deliverables for implementation within a recipient country. At the end of the course, the participants will have an much enhanced understanding of the opportunities and challenges associated with intelligence reform, of the need to become involved, or even to take the lead, in intelligence reform, as well as the reform impact on democratization and civil-military relations. They will be able to develop actionable recommendations to improve existing intelligence reform processes, as well as be capable of developing country-specific implementation processes and strategies.ParticipantsThe seminar is designed for international civilian decision makers from all government branches (executive, legislative, judiciary), and military/intelligence officers in the ranks of major to general, as well as civil society representatives (NGOs, think tanks, academia, media).

PRE-REQUISITE:

COURSE NOTES: Accommodations Participants are normally housed on campus at the Naval Postgraduate School Bachelor Officer Quarters (BOQ). These rooms are near the classrooms where the course is conducted. The rooms include a private bath, television, telephone, internet access, and a small refrigerator and microwave oven, and cost under USD 50.00 per day. Accompanying spouses and children may also stay in the BOQ for a small additional charge. Medical care is available on an emergency basis only. Language While there is no formal TOEFL requirement, ODC/SAOs and participants should be aware that the course is conducted entirely in English and that the program strongly emphasizes group discussion. The ECL requirement is 80. The course cost does not include transportation to or from Monterey or the student's living expenses while in Monterey. There is also a Mobile Education Team (MET) version of this course, MASL P309287. Regional versions of the course could be programmed under MASL P273001.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170012	CURR 292 PG	U	ELECTRONIC WARFARE ENGINEER CERTIFICATE CONUS	39w	VAR	
ECL:				**EIMET:**	No	

This certificate is the first in a series of three Electronic Warfare certificates that leads to a Master of Engineering in Electrical Engineering, MEng (EE). This certificate consists of three courses:1. Antennas and Propagation2. Radiowave Propagation3. Joint Network Enabled Electronic Warfare IThe program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0).More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES: Quotas: 20Program Start: Continuous (typically Fall) Program Length: 3 quarters, 5 hours per week

P170013	CURR 293 PG	U	JOURNEYMAN EW ENGINEER CERTIFICATE CONUS	39w	VAR	
ECL:				**EIMET:**	No	

This certificate is the second in a series of three Electronic Warfare certificates that leads to a Master of Engineering in Electrical Engineering, MEng (EE). This certificate consists of three courses:1. Introduction to Electro-optical Engineering2. Radar Systems3. Microwave EngineeringThe program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0).More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES: Quotas: 20 Program Start: Continuous (typically Fall) Program Length: 3 quarters, 5 hours per week

P170014	CURR 294 PG	U	SENIOR EW ENGINEER CERTIFICATE CONUS	39w	VAR	
ECL:				**EIMET:**	No	

This certificate is the third in a series of three Electronic Warfare certificates that leads to a Master of Engineering in Electrical Engineering, MEng (EE). This certificate consists of three courses:1. Radar Cross Section Prediction and Reduction2. Airborne Radar Systems3. Joint Network Enabled Electronic Warfare IIThe program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0).More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES: Quotas: 20 Program Start: Continuous (typically Fall) Program Length: 3 quarters, 5 hours per week

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170015	CURR 592 PG	U	MASTER ELECTRL ENGRING, M(EE), ELECT WARFARE CONUS	117w	VAR	
ECL:				**EIMET:**	No	

This curriculum provides a solid theoretical foundation for electronic warfare (EW) including electronic attack, electronic protection. electronic support and networked operations. Students earn a series of three certificates over a period of approximately three to six years (designated as curricula 292, 293, and 294). Certificate coursework is followed by an optional capstone project (depending on sponsor preferences) in which students work within a group to complete an assigned project in the area of EW.The program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0).More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES: Quotas: 20 Program Start: Continuous (typically Fall) Program Length: 9 quarters, 5 hours per week

P170016	CCMR	U	MANAGING CHALLENGES OF MODERN INTEGRATED MISSION	2w	VAR	
ECL:	70			**EIMET:**	No	

Managing the transition from armed conflict to sustained peace is a complex and challenging undertaking. And yet, with 15 UN peacekeeping operations, three integrated UN peacebuilding missions, NATO operations in Afghanistan and Libya, US-led coalition efforts in Iraq, AU deployments in Darfur and Somalia and other interventions currently taking place around the world, the international community is participating in peace operations more than ever before. In response to this trend, the UN General Assembly established the Peacebuilding Commission in 2005, and donor governments and international organizations are taking an integrated approach to global security and development challenges. However, while the "whole of government" approach works well as a concept, at the practical level it can be very difficult to implement.Transitions between the negotiation of a peace agreement, the deployment of peacekeeping forces and the emergence of democratic governments take years to develop, and pass through many phases of implementation. Operationally, they require input from multiple agencies, acting under different mandates and inspired by diverse motivations. Coordination among the international community is challenging, and over-coming the political differences between host-nation actors is difficult. Failure to overcome these challenges risks a return to violence. Further, on the ground, the different phases of peacemaking, peacekeeping, peace enforcement and peacebuilding frequently over-lap, blend together and are inter-dependent. Transitions between organizations and individuals further complicate the process, adding yet another challenge to the successful management of violent conflict.Successful transitions do occur however, and steps taken in one phase of operations can support success in subsequent efforts. Recognizing all of the above-but especially that international actors will be increasingly involved in promoting peace and security-this seminar will equip participants with the skills needed to manage complex, inter-dependent transitions and successfully navigate the long journey to a sustained peace. Learning Objectives: Week one" Identify the roles and activities of the diverse actors involved in peace operations." Identify the challenges facing a modern, integrated mission. " Develop strategies to cope with these challenges, and ways to implement programs that will support the transition from conflict to sustainable peace. " Focus on the inter-dependent, fluid and complex nature between different types of peace operations, identifying lessons learned, best practices, and specific steps that can be taken in one phase to aid success in subsequent phases. Week two:" Focus on issues of local ownership, capacity building and mentorship programs that will support good governance by local leaders." Foster respect for and understanding of the principle of civilian control of the armed forces as a means of promoting good governance and a respect for human rights." Expand professional networks among the communities involved in the full spectrum of peace operations and activities.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170017	S- 00-2001	U	DOCTOR OF PHILOSOPHY - SYSTEMS ENGINEERING	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The Department of Systems Engineering offers a Doctor of Philosophy (Ph.D.) degree in Systems Engineering. Students take graduate level course in systems engineering (as needed to pass the oral and written qualifying examinations), advanced graduate courses in systems engineering and an application domain, and perform research that leads to a dissertation involving some aspect of systems engineering. Research topics may be selected from a broad variety of studies of the systems engineering process, applications of systems engineering to solving complex problems, systems level modeling and simulation, and systems suitability assessment. Subject to approval of the student's dissertation committee chairman, dissertation research may be conducted away from NPS at cooperating facilities. Students must satisfy a one-year residency requirement. This may be met by completing an NPS M.S. degree plus periodic extended stays (nominally two weeks per quarter) at an NPS campus spread throughout the duration of the student's program. The M.S. degree may be completed before enrollment in the Ph.D. program. Applicants should possess an M.S. degree in Systems Engineering. Applicants with only a B.S. degree or an GRADUATE SCHOOL OF ENGINEERING AND APPLIED SCIENCES (GSEAS) M.S. degree in another discipline will be required to take a number of systems engineering courses (equivalent to the coursework portion of an MSSE degree program) to pass the qualifying examinations. Unless an M.S. thesis and any other ABET accreditation requirements are also satisfied, an M.S. in Systems Engineering degree will not be awarded for this preparatory work. Applicants without an M.S. degree are encouraged to enroll in the M.S. in Systems Engineering program as this will satisfy both residence and preparation requirements.

PRE-REQUISITE:

COURSE NOTES:

P170018		U	MARITIME SECURITY CERTIFICATE	4.4w	PPTE	Monterey, CA
ECL:	70			**EIMET:**	No	

A NPS International Maritime Security educational program to give coalition military officers, law enforcement, and civilian leadership an foundational knowledge of the international maritime security environment, an understanding of tools and technology for cross organization and agency coordination to provide maritime security, and the ability to build the foundation for institutional integrity and the technical systems for maritime security.Learning Objectives: COURSE 1: Introduction to Maritime Securitya. Understand the concept of maritime commons and impact on global tradeb. Discuss international agreements and U.S. strategy documents concerning maritime securityc. Be familiar with the threats and vulnerabilities of maritime networksd. Understand foundational measures necessary to establish maritime security in a global environment MODULE 1: Introduction MODULE 2: Laws & Agreements MODULE 3: The Threat Domain MODULE 4: Resources MODULE 5: Framework MODULE 6: Maritime Commerce MODULE 7: Singapore Case Study MODULE 8: Conclusion & Evaluation COURSE 2: Inter-Organizational Collaboration and Maritime Securitya. Provide the tools to build collaborative capacity by introducing the concept of Civil-Military Fusion Centerb. Focus on how to identify the challenges and enablers for effective inter-organizational systems theory as a diagnostic mechanisms to identify strategic cultural, structural, personnel, incentive, and technical factorsc. Focus on how to identify strategic communication from the perspective of a network of organizations with both complementary and conflicting interestsd. Interest-based negotiations as a mechanisms for collaborative planning MODULE 1: Open Systems MODULE 2: Action Planning MODULE 3: Stakeholders MODULE 4: Strategic Communication MODULE 5: Negotiation MODULE 6: Leading Networks COURSE 3: Maritime Security Resource Planning a. Explain how stability, efficiency and fairness relate to institutional integrity; b. Recognize how integrity, transparency and accountability affect mission integrity; c. Design and interpret an institutional integrity assessment instrumentd. Select appropriate technologies to enhance a maritime security system MODULE 1: Foundations: Ethics and Public Policy MODULE 2: Geometric Integrity and Risk Assessment MODULE 3: Service, Solicitude and Sovereignty MODULE 4: Framework for Assessment of Materiel Requirements MODULE 5: Observe MODULE 6: Orient/Decide MODULE 7: Act MODULE 8: InfrastructureStudents will be evaluated through:Seminar discussionsWritten papersExercise participation

PRE-REQUISITE:

COURSE NOTES:

P170019	CURR 379 PG	U	MASTER OF COST ESTIMATING AND ANALYSIS (MCEA)	104w	VAR	
ECL:				**EIMET:**	No	

The Master of Cost Estimating and Analysis (CEA) is a 24-month, distance learning graduate degree program designed to increase the accuracy and proficiency of DoD cost estimates and cost estimators. It is a joint venture between the Naval Postgraduate School (NPS) and the Air Force Institute of Technology (AFIT). The end result is a professional degree awarded for completing a curriculum focused on the practice of the profession rather than the more general arts or sciences behind the profession. Students will learn cost estimating techniques commonly used in both DoD and industry, and acquire foundation skills and hands-on experience in all aspects of cost estimation, including shipbuilding, aircraft, software, and many other areas. Students take two courses per quarter for eight quarters, beginning the last week of March in every year. Case studies and a capstone project will complete the program. This program blends web-based, online instruction, with video tele-education (VTE), and is especially tailored to students whose careers will not allow them to get away for a full-time graduate education program. While web-based courses are paced week-to-week by the instructors, students have the flexibility to do their coursework at times of their choosing during each week. The VTE classes meet at a pre-determined time, once per week for three hours during the workday.The MCEA degree is fully accredited and taught by the same faculty that teaches NPS and AFIT resident courses. It is an excellent fit for those officers and government service (GS) personnel whose career track would not otherwise lend itself to receiving a resident technical graduate education.

PRE-REQUISITE: Baccalaureate Degree (BA or BS) Completion of integral calculusGPA of 2.6 or better Written Participation Agreement Video-Tele-Education or Video Conference (VTE/VTC) location

COURSE NOTES: Quotas: Limited to 30 students per year

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170020	CURR 311	U	SYSTEMS ENGINEERING (MSSE) CONUS	104w	VAR	
ECL:				**EIMET:**	No	

The Master of Science in Systems Engineering DL degree program is designed for DoD organizations involved in a wide range of systems engineering and integration challenges. These commands can partner with NPS to educate and train engineers with tools and technologies relevant to their work, resulting in employees with greater knowledge and expertise to enable them to better meet the needs of their customers. DoD organizations or sponsors provide the students, and the Department of Systems Engineering provides the instruction, course materials, and hands-on experience. Courses are delivered at the students' local site using a combination of on-site instruction, video teleconferencing, and Web-enhanced on-line courses. The program can begin any academic quarter, in accordance with the sponsor's needs. Students take two courses per quarter over a two-year period. There are ten core courses in the 16-course program. The remaining six courses can be tailored to meet the sponsor's need. Students must participate in a capstone design project in lieu of writing a thesis. Students receive an NPS degree, may receive NPS Systems Engineering certificates of accomplishment, and earn DAU equivalency certificates for all SPRDE Level III training requirements. The program manager will help establish partnership arrangements with other organizations if desired. Additional information on the program can be found at www.nps.navy.mil/se/msse Quotas: Limited to 30 students per year Course Start: Any quarter chosen by the sponsor Course Length: 104 weeks.

PRE-REQUISITE: An entering student must possess a Bachelor of Science degree in an engineering discipline with at least a 2.2 undergraduate grade point average.

COURSE NOTES: PGS CBT (16 CRS)

P170021	CURR 282	U	SYSTEMS ENGINEERING CERTIFICATE (SE) CONUS	52w	VAR	
ECL:				**EIMET:**	No	

Systems Engineering is a disciplined approach to finding the right solution to the right problem: on-time, on-budget, supportable, and with minimal risk. The Certificate Program consists of four, fully-accredited courses delivered entirely on-line over a one-year period. The course content and projects will challenge the student academically and address current problems of interest to the Department of Defense. The courses are paced week-to-week by the instructors, but the students have great flexibility to do their coursework at times of their choosing during each week. Course Start: Spring and Fall Quarters Quotas: Limited to 30 students per year Certificate: Systems Engineering Certificate

PRE-REQUISITE: For entry, the officer must have at least a C+ undergraduate grade point average, with at least one calculus course with a C or better and at least one calculus-based physics course with a C or better (APC 334). If an officer is an outstanding performer but lacks the necessary academic preparation, the Naval Postgraduate School offers refresher and transition courses before the program start.

COURSE NOTES: PGS CBT (4 CRS)

P170022	CCMR	U	AN EXPANSIVE APPROACH TO DISARAMENT, DEMOBILIZATION and REINTEGRATION (DDR)	1w	VAR	
ECL:	80			**EIMET:**	No	

Inclusion of diverse groups in DDR programs is understood by practitioners to be hugely important for success in the overall transition from conflict to peace. Hence, issues related to special needs groups (including women, children, youth, the disabled, etc.) are treated within the United Nations' Integrated Standards to guide DDR programs. However, since most DDR programs are under-funded, under-staffed and too short to facilitate effective reintegration, in practice, DDR programs have focused on the most urgent and obvious part of the problem - demobilizing male combatants. Despite this narrow focus, special needs groups pervade into every aspect of DDR, as well as the broader transition from armed conflict to sustainable peace, and must be addressed to attain success. Given these challenges and pressures, this course will provide a broad overview of the DDR process, then will focus in on how to effectively incorporate special needs groups into DDR programs. Course Objectives:" Review how the Integrated Standards treat issues related to special needs groups and how these ideas were developed." Discuss various examples of how issues related to special needs groups can be incorporated into DDR program design and implementation." Problem-solve collectively with other practitioners to identify innovative ways to overcome the endemic challenges that pressure DDR programs into a narrow, male combatant focus." Expand professional networks among the practitioners/communities involved in DDR activities.Methodology:The workshop will consist of a series of panel presentations, plenary discussions and small group exercises. A reception and group meals will support professional networking and in-depth dialogue.Participants:Approximately 45 representatives from civilian government agencies, non-governmental organizations, inter-governmental organizations and the armed forces will attend. Participants should be mid-to-senior level with policy-making and/or experience working in the field. Several seats are reserved for security assistance funded participants from outside the US. In order to guarantee diversity in the course, no one country may use more than three of these reserved slots

PRE-REQUISITE:

COURSE NOTES: For detailed course information, please visit the CSRS website at https://www.csrs-nps.org. High demand for this course is anticipated. Enrollment decisions will be based primarily on appropriateness of the specific applicant.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170205	CURR 316	U	SPACE SYSTEMS OPERATIONS (MSSSO) CONUS	104w	VAR	
ECL:				**EIMET:**	No	

The MS Space Systems Operations (MSSSO) program provides students with scientific, technical, and operational knowledge of military space systems. Graduates are prepared to manage the technical aspects of a space system life cycle including requirements definition and analysis, design, development, installation, operations, and maintenance of spacecraft, space payloads, supporting ground stations, terminals, and C3 connectivity. Degree - Master of Science Space Systems Operations (MSSSO) Course Start: Sept Quotas: Limited to 30 students per year.

PRE-REQUISITE: Baccalaureate Degree (BA or BS) Written Command Endorsement GPA of 2.6 or better Completion of mathematics through differential equations and integral calculus, plus at least one course in calculus-based physics Submission of transcripts to the NPS Admissions Office (see below for details) A (Video-Tele-Education) VTE location

COURSE NOTES: PGS CBT (15 CRS)

P170206	CURR 357	U	MASTER OF SCIENCE IN COMPUTING TECHNOLOGY CONUS	208w	VAR	
ECL:				**EIMET:**	No	

The MCT degree offers its graduates the knowledge and skills necessary to specify, evaluate, and manage computer system development, as well as the ability to provide technical guidance in the analysis, design, and application of software and firmware used in the Navy. The MCT program consists of 16 courses selected to provide breadth and depth in the latest computing technologies. Four courses provide a foundation in computer science for those without a CS background. Core courses then develop student expertise in a broad range of topics in the computing field. And a four-course sequence in a specialization area completes the degree. The MCT degree provides a graduate education for those in unique circumstances. State-of-the-art distance learning (DL) technology is used to bring the MCT program straight to the student on duty. With fully Web-based courses, there is no required "class time"-no need to get off the flight schedule, miss any watches, or adjust a duty schedule. MCT offers a seamless transition from duty station to duty station; when you move the program goes with you, even on the road. The MCT degree is fully accredited and taught by the same faculty that teaches NPS resident courses. It is an excellent fit for those personnel whose career track would not otherwise lend itself to receiving a resident technical graduate education. Available anywhere in the world, at home, on detachment, and at sea. Degree - Master of Science Computing Technology (MCT) Course Start: January/July Quotas: Limited to 30 students per year.

PRE-REQUISITE: A baccalaureate degree, or the equivalent, with above average grades in mathematics, (including differential and integral calculus) resulting in an academic profile code (APC) of at least 325 is required. Undergraduate degrees in applied science or engineering are highly desirable. Students lacking these prerequisites may be acceptable for the program, providing their undergraduate records and/or other indicators of success, such as the Graduate Record Examination (GRE), indicate an ability to work in quantitative subjects. While previous academic or practical experience in computer science is certainly helpful and can enhance the applicant's potential for admission, such experience is not a prerequisite. Active/Active Duty Reserve U.S. military and GS personnel are eligible.

COURSE NOTES: PGS CBT (16 CRS)

P170207	CURR 363	U	MASTER OF SCIENCE IN SYSTEMS ANALYSIS (MSA) CONUS	104w	VAR	
ECL:				**EIMET:**	No	

The Master of Systems Analysis (MSA) program is a distributed learning, graduate degree program, designed to meet the needs of the Navy and other services in the Department of Defense (DoD) for technical graduate education in systems analysis as a basis for aiding key decisions on force requirements, weapon systems, and other defense matters. Students acquire foundation skills and hands-on experience in all aspects of analytical studies, which includes the skills to formulate problems, use the analytical process to design study requirements, highlight critical assumptions, recognize strengths and weaknesses of applied analytical methodologies, and evaluate study recommendations. This program is especially tailored to students whose career pattern will not allow them to get away for a full-time, graduate education program. The entire degree program can be completed at the student's current duty station. This program consists of a blend of approximately 50% Web-based, online instruction, and 50% video-tele-education (VTE). The Web-based instruction is paced week-to-week by the instructors, but the students have great flexibility to do their course work at times of their choosing during each week. The VTE classes meet at a scheduled time, once per week, during the workday, with the agreement of the student's current command. Degree - Master of System Analysis (MSA) Course Start: Spring and Fall quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: A baccalaureate degree is required. Completion of mathematics through single variable differential and integral calculus is considered minimal preparation. An academic profile code (APC) of 335 is required.

COURSE NOTES: PGS CBT (16 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170208	CURR 835	U	MASTER OF SCIENCE IN CONTRACT MGMT (MSCM) CONUS	104w	VAR	
ECL:				**EIMET:**	No	

The Master of Science in Contract Management (MSCM) degree is designed to provide civilians in the Department of Defense (DoD) and other federal government agencies an advanced education in the concepts, methodologies and analytical techniques necessary for successful management of acquisition and contracting within complex organizations. The curriculum focuses on problem solving and decision making within the acquisition environment utilizing case studies, teaming exercises, hands-on applications, active participation, and other similar activities. Lecture and laboratory tasks require the application of critical thinking to problem solving within actual situations. The MSCM Program embodies an interdisciplinary approach to problem solving and analysis, including quantitative financial analysis, economics, and public and private sector operations. The curriculum is designed to provide civilians with the knowledge, skills, and abilities to manage and lead effectively in systems buying offices, field contracting offices, contract administration offices, and contracting policy offices. Degree - Master of Science Contract Management (MSCM) Course Start: Any quarter; dependent on cohort availability Quotas: Limited to 30 students per year.

PRE-REQUISITE: Candidates for the program must have achieved the following: a baccalaureate degree with a minimum undergraduate quality point rating (QPR) of 2.20; full certification at Level II or higher in the contracting career field under the provisions of the Defense Acquisition Workforce Improvement Act (DAWIA) (or equivalent certification for non-DoD personnel); and completion of an undergraduate course in management accounting.

COURSE NOTES: PGS CBT (17 CRSES)

P170209	CURR 836	U	MASTER OF SCIENCE IN PROGRAM MGMT (MSPM) CONUS	104w	VAR	
ECL:				**EIMET:**	No	

The Master of Science in Program Management (MSPM) degree is designed to provide primarily civilians (officers may participate with sufficient time on station to complete the program) in the Department of Defense (DoD) and other federal agencies an advanced education in the concepts, methodologies and analytical techniques necessary for successful management of programs/projects within complex organizations. The curriculum focuses on leadership, problem solving and decision making within the acquisition environment utilizing case studies, teaming exercises, hands-on applications, active participation and integrative exercises. Lecture and laboratory tasks require the application of critical thinking to problem solving within notional and actual situations. Student input includes civilians (officers) from all DoD services and other federal agencies. The curriculum is designed to provide graduates with the knowledge, skills and abilities to manage and lead effectively in the federal government acquisition environment. Degree: Master of Science Program Management (MSPM) Quotas: Limited to 30 students per year Course Start: Spring, Summer, Fall and Winter quarters depending on cohort availability.

PRE-REQUISITE: Candidates for the program must have achieved the following: a baccalaureate degree with a minimum undergraduate quality point rating (QPR) of 2.20; full certification at Level II or higher in one of the following career fields: program management; contracting acquisition logistics; test & evaluation; systems planning, research, development and engineering; or manufacturing, production, quality assurance under the provisions of the Defense Acquisition Workforce Improvement Act (DAWIA) (or equivalent certification for non-DoD personnel); and completion of the following two courses: (1) a course in statistics, and (2) a course in calculus.

COURSE NOTES: PGS CBT (17 CRSES)

P170210	CURR 271	U	INFORMATION SYSTEMS AND OPERATIONS (ISO) CONUS	52w	VAR	
ECL:				**EIMET:**	No	

The Information Systems and Operations (ISO) academic certificate program is designed to provide DoD personnel with an opportunity to obtain advanced education in the operational arts supporting Information Operations via asynchronous Web-based media. The four courses in the ISO program represent the foundation on which modern warfare is built: Command and Control, Space Operations, Network Operations, and Information Operations. This four-course sequence is also the bedrock of all operations-oriented, NETWARCOM-sponsored curricula at the Naval Postgraduate School: Information Systems and Operations; Information Warfare; Information Systems and Technology; Joint Command, Control, Communications, Computers, and Intelligence; Computer Science; and Space Systems Operations. These curricula exist because our armed forces must be prepared to fight and win the nation's wars across the full range of military operations in any part of the world, to operate with multinational forces, and to coordinate military operations, as necessary, with government agencies and international organizations. This requires a Total Force composed of well-educated, motivated, and competent people who can adapt to the many demands of future joint missions. The transformation of the joint force to reach this full spectrum dominance rests on information superiority as a key enabler and our capacity for innovation. The ISO academic certificate provides the fundamental education needed to achieve information superiority, thus enabling full spectrum dominance. The actions associated with information operations are wide-ranging-from physical destruction to psychological operations to computer network defense. The task of integrating information operations with other joint force operations is complicated by the need to understand the many variables involved and integrating these variables across the spectrum of conflict-whether facing an adversary during a conflict or engaged in humanitarian relief operations. Achieving this aspect of JV 2020 will require exceptional personnel, well versed in Information Operations and its integration with national security and national military objectives. The ISO academic certificate is provided through asynchronous Web-based media (i.e., the Internet) because DoD recognizes that this education should be available to their personnel regardless of geographic limitations. So, if students have access to the Internet, they have access to tools necessary to help meet U.S. national security objectives in the information battlespace. All courses in the ISO academic certificate are graduate-level courses carrying full NPS academic credit. They provide the baseline for advanced education in operationally essential disciplines. As such, they do not carry graduate prerequisite requirements; however, you must have demonstrated academic proficiency through completion of a baccalaureate degree program. Certificate - Academic Certificate in Information Systems and Operations Course Start: Spring, Summer, Fall and Winter quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: Applicants must have earned a baccalaureate degree to be considered for admission.

COURSE NOTES: PGS CBT (4 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170211	CURR 272	U	INFORMATION SYSTEMS TECHNOLOGY (IST) CONUS	52w	VAR	
ECL:				**EIMET:**	No	

The IST academic certificate provides education in the fundamentals of information systems technology. This education is essential to helping the U.S. military reach information superiority in the battle space. It also offers advanced education in areas essential to enabling global networked communications, including: databases, systems analysis and design, decision support systems, and network security. The IST academic certificate is provided through asynchronous Web-based media (i.e., the Internet) because DoD recognizes that this education should be available to their personnel regardless of geographic limitations. If you have access to the Internet, you have access to tools necessary to help meet U.S. national security objectives in the information battlespace. All courses in the IST academic certificate are graduate-level courses carrying full NPS academic credit. They provide the baseline for advanced education in essential disciplines in information technology. As such, they do not carry graduate prerequisite requirements; however, you must have demonstrated academic proficiency through completion of a baccalaureate degree program. Certificate - Academic Certificate in Information Systems Technology Course Start: Spring, Summer, Fall and Winter quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: Applicants must have earned a baccalaureate degree to be considered for admission.

COURSE NOTES: PGS CBT (4 CRS)

P170212	CURR 805	U	EXECUTIVE MBA (EMBA), DEFENSE FOCUS (CONUS)	104w	VAR	
ECL:				**EIMET:**	No	

The Executive Master of Business Administration (EMBA), offered by the Graduate School of Business & Public Policy (GSBPP), is designed to provide Navy officers with the knowledge and skills needed to be successful in future resource management assignments. The program's Defense-focused courses educate officers to think analytically, to synthesize information from a wide range of sources, and ultimately to make quality strategic decisions under conditions of uncertainty. In short, the goal is to provide the Navy with senior leaders prepared to face the business challenges and make the resource allocation decisions critical to achieving the objectives of the Navy. Students who are accepted into the EMBA program meet for classes once a week during duty hours in their local area. Officers enter as a "cohort", taking all classes together during the 24-months of instruction. The EMBA starts with a one-week introductory program at the NPS Monterey campus, including a two credit hour course in Managing Teams. Cohorts then return to their duty stations and the remainder of courses are taught using a blended program of distance learning approaches, which allows the EMBA to be offered to virtually any command equipped with appropriate video teleconferencing facilities. Officers remain at their current duty stations and carry out their assigned duties, while taking two graduate courses during eight successive academic quarters. Additional information on the program can be found at www.nps.edu/Academics/GSBPP/EMBA/. Degree - Executive Master's of Business Administration (EMBA) Course Start: Spring and Fall Limited to 100 students per year.

PRE-REQUISITE: An entering student must possess an undergraduate degree with at least a 2.6 grade point average (245 APC).

COURSE NOTES: PGS CBT (17 CRSES)

P170213	CURR 273	U	SPACE SYSTEMS CERTIFICATE (SS CERT) CONUS	52w	VAR	
ECL:				**EIMET:**	No	

The Space Systems Certificate program is comprised of four courses (SS3011, PH3052, SS3613, and OC2902). Upon successful completion of the course work, students will be awarded a certificate of accomplishment in keeping with standard practices of the Naval Postgraduate School. The Space Systems Certificate program supports Navy and DoD space educational needs and complements existing resident training by providing cross-disciplinary science and technical education. The Space Systems Certificate program is targeted primarily at the enhancing the education and preparation for the USN Space Cadre personnel. The Navy's Space Cadre represents a distinct body of expertise horizontally integrated within the Navy active duty, reserves, both officer and enlisted, and civilian employee communities organized to operationalize space. Individuals completing the Space Systems certificate will receive an Additional Qualification Designator (AQD) of VS1 and will automatically be considered for designation as a member of the USN Space Cadre. Two significant events specified the requirement to establish a distance learning program for National Security Space (NSS) personnel in space systems and space applications. First, the DoD-wide space educational requirement was identified by the Undersecretary of the Air Force, as the Executive Agent for Space, as required in the "Commission to Assess United States National Security Space Management and Organization" (2001). Second, the USN Space Cadre Human Capital Strategy was signed by Commander, Naval Network Warfare Command on 25 Jan 2005, stating that completion of NPS Space Systems Certificate satisfied approved entry level space education for Space Cadre personnel. Based upon these events, the NPS Space Systems Certificate (SSC) was developed, comprised of the following four courses:" SS3011 Space Technology and Applications " SS3613 Military Satellite Communications (MILSATCOM) " PH3052 Physics of Space and Airborne Sensor Systems " OC2902 Fundamentals of Geospatial Information and Services (GIS)The original course and academic content for the SSC was vetted and approved by USN space and space training leaders. The Space Systems Certificate is a completely Web-based, asynchronous education program that covers fundamental areas of twenty-first century space enhancement to military operations as validated by NETWARCOM (November 2004). The learning outcomes for the SSC Certificate program directly support the Educational Skill Requirements within the Space Systems Operation (subspecialty code 6206P) degree. Evaluation of the Space Systems Certificate occurs in conjunction with the biannual Space Systems curriculum review. Certificate - Space Systems Certificate Program Course Start: Spring, Summer, Fall and Winter quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: A baccalaureate degree with above-average grades. Completion of college level Algebra 2 with a grade of 'C' or better is required.

COURSE NOTES: PGS CBT (4 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P170214	CURR 274	U	ANTI-SUBMARINE WARFARE CERT PROGRAM (ASW) CONUS	52w	VAR	
ECL:				**EIMET:**	No	

The curriculum for the Anti-Submarine Warfare (ASW) Certificate Program supports the needs of the Navy in ASW, and complements existing warfare ASW training and qualification. The ASW Certificate Program provides a science and engineering foundation which covers fundamental concepts in four areas: Physical Oceanography; Signal Processing; Operations Research; and Engineering Acoustics. These subjects are the educational cornerstone for this highly interdisciplinary certificate program. Anti-Submarine Warfare encompasses multiple disciplines. The ASW Certificate is a distance learning curriculum that consists of four fully accredited courses delivered by multiple modes of instruction. Offered over a one-year period, these courses develop critical analytic skills and understanding of fundamental principles applied in ASW. Certificate - Anti-Submarine Warfare Certificate Program. This program does NOT award an academic certificate upon completion. Normally once a year (March) Quotas: Limited to 25 students per year.

PRE-REQUISITE: Baccalaureate Degree (BA or BS) Written Command Endorsement A working knowledge of single-variable calculus (MA1113) Probability and statistics

COURSE NOTES: PGS CBT (4 CRS)

P170215	CURR 276	U	FUNDAMENTALS IN INFO SYS TECHNOLOGY (EFIST)	39w	VAR	
ECL:				**EIMET:**	No	

This program has been designed to enhance students' knowledge of and productivity in the Navy's information technology fields. The courses are Web-based and will be delivered entirely online. They provide an introduction to the field of Information Technology Management and the functions and responsibilities of the information technology manager. The programming course meets DoN's IT21 mandated standard, as a high-level, event-driven, object-oriented, programming language. Course emphasis is on planning, program development, graphical user interfaces, rapid prototyping, program construction, data types, operations, control flow, arrays, records, file I/O, database access, and event-driven OOP structures.A fundamentals course focused on the basics of computer networking is included. Since networking is an underpinning to our technology-driven society, understanding the basics of computer networking is important to any technology professional interested in building a solid technology understanding, and is especially important as a precursor to other courses in the Information Systems and Information Technology arenas. Academic credit will be awarded for each course. All credits are transferable. These courses are taught by experienced NPS faculty and are available anywhere in the world: at home, on detachment, or at sea. A transcript of your grades and courses will be available from the Naval Postgraduate School upon completion. Certificate: Fundamentals in Information Systems Technology. This program does NOT award an academic certificate upon completion. Quotas: Limited to 30 students per year

PRE-REQUISITE: A bachelor's degree is not required. There are no prerequisites

COURSE NOTES: PGS CBT (3 CRS)

P170216	CURR 281	U	SYSTEMS ANALYSIS CERTIFICATE (SA CERT) CONUS	52w	VAR	
ECL:				**EIMET:**	No	

The Systems Analysis Certificate program is a distributed learning, graduate-level, non-degree program designed to meet the needs of the Navy and other services in the Department of Defense (DoD) for non-degree technical education in systems analysis as a basis for aiding key decisions on force requirements, weapon systems, and other defense matters. Students learn and apply modeling, optimization, simulation, and decision making under risk and uncertainty. The Certificate Program consists of four, fully-accredited courses delivered entirely online over a one-year period. The course content and projects will challenge the student academically and address problems of interest to the Department of Defense. The courses are paced week-to-week by the instructors, but the students have great flexibility to do their course work at times of their choosing during each week. Certificate - Academic Certificate in Systems Analysis Course Start: Spring and Fall Quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: A baccalaureate degree is required. Completion of mathematics through single variable differential and integral calculus is considered minimal preparation. An academic profile code (APC) of 335 is required.

COURSE NOTES: PGS CBT (4 CRS)

P171000		U	COMBINED FORCE MARITIME COMPONENT CDR FLAG COURSE	1w	PNWH	Pearl Harbor, HI
ECL:	80			**EIMET:**	No	

A NAVWARCOL team teaches the CFMCC Flag Course which addresses the challenges of commanding and controlling Combined Maritime Forces at the operational level to achieve maritime security objectives. The attendees are one and two-star flag and general officers from the US military services and other nations in a specific region. Throughout the course, senior officers and officials from the US and other nations offer their perspectives on issues relevant to combined maritime operations. Attendees also work through case studies focusing on regional issues. The objectives of the course are to:1. Develop and deepen relationships based on trust and confidence among partner nations in the framework of regional challenges.2. Serve as a forum to evolve Combined Maritime Command and Control concepts and mechanisms, and eliminate impediments to effective coordination.3. Advance the understanding of those security issues facing participating nations. Conference: Location Code PNWH COMMANDER, U.S. PACIFIC FLEET PEARL HARBOR, HI

PRE-REQUISITE: Attendees from foreign nations are solicited by invitations to specific nations that are selected by the Chief of Naval Operations each time the course is held.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171001	S- 9B-1202	U	NAVAL COMMAND COLLEGE	47w	PNCC	Newport, RI
ECL:	80			**EIMET:**	No	

The Naval Command College assists specially selected international senior naval officers to prepare themselves for higher command responsibilities in their own Navies, and familiarizes them with U.S. Navy methods, practices, and doctrine. Naval Command College students participate in a demanding series of three interrelated trimester courses consisting of Strategy and Policy, National Security Decision Making, and Joint Military Operations. The international officers academic studies are on an integrated basis with their U.S. counterparts attending the Naval War College. The conduct of courses are at the U.S. graduate level consisting of lectures, seminars, extensive readings and preparation/presentation of papers. An extensive travel program is conducted to expose the students to the economic, industrial, governmental, cultural and geographic diversity of the United States through visits to government, military, industrial and financial activities, and educational institutions. Nominees should have excellent academic skills. Course meets once annually and begins in August and ends the following June. Student officers are asked to arrive at the end of July to attend an orientation program. The orientation is a two week introduction to the Naval War College programs; living in the Newport area, local base facilities, government agencies and the U.S. Defense Dept organization. The Informational Program provides visits to many cities including Washington DC, New York, San Francisco, Seattle and other cities where participants receive briefings from distinguished business, military and government leaders. Attendance is by formal invitation only. The invitations are extended by letter from the Chief of Naval Operations of the U.S. Navy. Attendance is limited to one student from each country receiving an invitation. Foreign navies should be advised not to nominate students for the NCC if it is anticipated they will be promoted to Flag/General Officer level during the course of study. This course is open to Naval officers in the grades 0-5 and 0-6 (Commanders and Captains) per convening. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P171002	S- 9B-1203	U	NAVAL STAFF COL - 5 1/2 MO	22w	PNSC	Newport, RI
ECL:	80			**EIMET:**	No	

The Naval Staff College (NSC) six-month course is conducted once annually in the fiscal year second quarter, commencing in January, and is open to Naval, Coast Guard or Maritime Service officers, grades 0-3 and 0-4 (senior Lieutenants and Lieutenant Commanders). The program is a condensed version of the ten-month U.S. College of Naval Command and Staff/Naval Staff College ten-month programs. It includes studies in Strategy and Policy, National Security Decision Making, Joint Military Operations, and Operational Law. They will also participate in one academic elective of their choosing during their course of study. Although the students follow a completely independent academic program and schedule from their U.S. counterparts, they have the opportunity to attend lectures presented to the other resident NWC colleges and participate in the War College s cultural and recreational events as their schedule allows. In addition, students will have a preliminary orientation study, and a series of Curriculum Field Trips/Informational Program Visits designed to familiarize them with U.S. Navy organization, methods, and doctrines, as well as the government, economy, culture and geography of the United States. The orientation is a one-week introduction to the Naval War College facilities and programs, Newport, Rhode Island, U.S. Government agencies, and the Defense Department organization. Field trips provide an opportunity to visit Washington, D.C., and other cultural, industrial and military centers where they meet distinguished military and civilian leaders. Attendance is by invitation only, extended from the Chief of Naval Operations. Since facilities are limited and to ensure an equitable representation of nationalities in the College, only one student is accepted from each country that receives an invitation. The Naval Staff College (NSC) is a graduate level international program, designed for mid-career naval officers, which is vital in expanding understanding and cooperation among the world s navies. As coalition forces are increasingly summoned to respond to conflicts and promote peace around the world, the role of NSC gains significance. The Naval War College s (NWC) academic departments have adapted course studies to reflect the mission confronting the naval forces of today. For example, the course incorporates studies of security assistance, combating terrorism, insurgency and counterinsurgency, low intensity conflict, multilateral peacekeeping, human rights, and drug control and interdiction. The course provides its students who are the future leaders in their respective navies with a unique and unmatched opportunity to come together as a team to gain a respect and appreciation of other cultures, and provides a place for individual professional study in order to realize each student s potential. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171010		U	NAVAL STAFF COL - 10 MONTH	47w	PNSC	Newport, RI
ECL:	80			**EIMET:**	No	

The Naval Staff College 10-month course (NSC-10) is conducted once annually in the fiscal year fourth quarter, commencing in July, and is open to Naval, Coast Guard or Maritime Service officers, grades 0-3 and 0-4 (senior Lieutenants and Lieutenant Commanders). This program is separate resident college within the U.S. Naval War College; however, the academic programs of NSC-10 and its U.S. counterpart, the College of Naval Command & Staff, are almost identical insofar as disclosure restrictions allow. Students pursue the prescribed studies over three trimesters in Strategy and Policy, National Security Decision Making, and Joint Military Operations. They follow the same basic schedule and are integrated into the seminars and lectures of their U.S. counterparts. On an optional basis they may participate in the Electives Program during two trimesters. Their studies differ from their US counterparts in the addition of a preliminary orientation study, a course in Operational Law conducted during one trimester, and a series of Curriculum Field Trips/Informational Program Visits designed to familiarize them with U.S. Navy organization, methods, and doctrines, as well as the government, economy, culture and geography of the United States. The orientation is a two-week introduction to the Naval War College facilities and programs, Newport, Rhode Island, U.S. Government agencies, and the Defense Department organization. Field trips provide an opportunity to visit Washington, D.C., and other cultural, industrial and military centers where they meet distinguished military and civilian leaders. Attendance is by invitation only, extended from the Chief of Naval Operations. Since facilities are limited and to ensure an equitable representation of nationalities in the College, only one student is accepted from each country that receives an invitation. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P171014	JCWS	U	JT/COMB WARFIGHT	10w	PAFS	Norfolk, VA
ECL:	80A			**EIMET:**	No	

Provides study in joint and combined organization, planning, and operations, and in related aspects of national and international security to enhance the preparation of selected U.S. and international military officers and interagency civilians for duty in all echelons of joint and combined commands. Instruction includes: a) the characteristics, organization, and employment of the U.S. Armed Forces to include their respective capabilities and limitations; b) principles of the U.S. Unified Command structure and its strategic foundation; c) organization, composition, and functions of joint and combined commands including strategic guidance, and operational, planning, and logistic responsibilities of the commander; d) heavy emphasis on operational level planning to include the U.S. military decision making process, the Joint Operational Planning Process, and the requirements and tools associated with the Joint Operational Planning and Execution System (JOPES); e) role and capabilities of the U.S. interagency (non-DoD U.S. Government Agencies), non-governmental organizations (NGO), and coalition military forces in modern operations, and the planning and command and control challenges and opportunities they present; f) military, political, geographic, historical, economic, cultural, ideological, and other factors affecting U.S. national strategy and U.S./Allied security environment. OBJECTIVES - The JCWS course of instruction (Joint Professional Military Education (JPME) Phase II) builds on the foundation provided by the Service Colleges (JPME Phase I). The intense faculty-student and student-student interaction in the fully joint environment of the JFSC campus cements the professional knowledge, attitudes and perspectives that are essential for individuals being assigned to joint or combined commands. JCWS curriculum is taught in a small (16-18 students) seminar format that uses exercises, case studies, and active student participation to achieve the application and higher levels of learning. Activities outside the classroom to include: student social events, a sports program and shared student lodging (3 students per residence), significantly enhance the educational experience and seek to build lasting personal and professional relationships among the graduates. EXECUTIVE SUMMARY: JCWS is a ten-week Joint Professional Military Education (JPME) school for mid-grade and senior officers (O4-O6) who have previously attended intermediate or senior level school (JPME Phase I). CJCSI 1800.01C, Officer Professional Military Education Policy (OPMEP), dated 31 July 2005 furnishes the basis for the JCWS curriculum. The complex, fast-paced, and uncertain environment that defines modern military operations requires leaders who are strategically minded, critical thinkers, and skilled joint war fighters. JCWS provides a solid foundation in preparing officers to meet these challenges. MUST BE A GRADUATE OF A RESIDENT U.S. SERVICE COLLEGE OR JPME PHASE I EQUIVALENT PROGRAM APPROVED BY JCS. Prerequisites: JTC MASL 171016 is required

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171016	SPECIAL	U	JOINT TRANSITION COURSE	1w	PAFS	Norfolk, VA
ECL:	80A			**EIMET:**	No	

This is a one-week course that is a prerequisite course for all international officers prior to attending the Joint and Combined Warfighting School except for those students coming directly from a U.S. Service school such as Naval Staff College, Newport, Rhode Island. During this course, you will have the opportunity to learn about the organization and the planning processes associated with the United States and its Department of Defense. The Joint Transition Course is a consolidation of a much broader curriculum and is intended to give you a concise overview of the subject matter. The presentations and discussions that occur in this course are intended to review, and or provide you with, the basic elements of the Joint Professional Military Education Phase I and introduce you to the subject matter that you will be studying over the following ten weeks. Joint Transition Course Schedule provides the daily schedule of events and the classes that will be presented. This course is intensive as you can see; therefore the syllabus guide outlines the lessons, their respective learning objectives, and the associated readings that need to be completed prior to each day. The Joint Forces Staff College's Joint Staff Officer's Guide is your primary text. A hard copy of the publication will be provided on the first day of classes. Preparation for each class will allow class discussion and faculty presentations to reinforce the material. On the final day of the course, you will have an opportunity to use the information provided in the previous classes to conduct an exercise based on a complex operational contingency. The final Joint Transition Course Schedule will be available on-line prior to the beginning of class.

PRE-REQUISITE:

COURSE NOTES:

P171019	P-920-1300	U	SENIOR ENLISTED ACADEMY	6w	PSEN	Newport, RI
ECL:	80			**EIMET:**	No	

To prepare selected senior enlisted leaders, in the grades of E-7 thru E-9, to better fulfill their expanded leadership and management responsibilities. The class is sub-divided into small working groups to allow a free exchange of ideas, sharing of experiences, reasoning in group problem-solving, fostering self-confidence and team building. Guest lecturers are used extensively throughout the course as subject matter experts. The 240-hour curriculum addresses the following areas: communication skills, leadership and management techniques, national security affairs, U.S. Navy programs, and health and physical readiness. This course requires intensive reading, writing, and public speaking skills. Basic computer skills are also required. To graduate, students MUST: pass all writing and speaking assignments, pass all exams, and pass the U.S. Navy Physical Fitness assessment, which includes an initial body fat assessment and physical readiness test with body fat assessment.

PRE-REQUISITE: STUDENTS MUST REPORT NO EARLIER AND NO LATER THAN THE WEDNESDAY PRIOR TO CLASS CONVENE. Return flights must be arranged so IMS departs the SEA on a Friday.

COURSE NOTES:

P171030	P- 1B-0004	U	COMMAND LEADERSHIP	2w	PCLS	Newport, RI
ECL:	80			**EIMET:**	No	

To reinforce the fundamental tenets of naval leadership and provide an improved decision making foundation for officers assuming the responsibilities of command. This course is designed for O-5/O-6 en route to their first command tour. The course is conducted using a seminar format with facilitated group discussions and case studies supported by reading and writing assignments. The class size is a maximum of twenty-four students.

PRE-REQUISITE:

COURSE NOTES: 1. Course includes a 360 degree survey assessment which needs to be started one month prior to the class start. If the international student is unable to complete this survey, they will be missing out on a valuable part of the course. 2. Have the student fly into Providence, RI, on the Sunday prior to the Monday class start. There is no reason to have the student arrive several days early and our staff is not equipped to escort them for this long period. 3. Provide the student with this entire travel allowance UP FRONT. Since our course is only two weeks long, there is not enough time to get the student paid reliably while he is there.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171032		U	JOINT INTERAGENCY MULTI-NAT PLANNERS CRSE (JIMPC)	1w	PAFS	Norfolk, VA
ECL:	80A			**EIMET:**	No	

The Joint, Interagency, and Multinational Planner's Course (JIMPC) is a five-day, 40-hour, forum for government personnel (military and civilian) along with international partners at the O4-O6 level (or civilian equivalent) to engage in a 25-person seminar, which includes 5 International quotas, that examines the planning skills necessary to more fully enable planners assigned to a combatant commander in answering the challenges of coherent interagency coordination when planning complex contingency operations and military support to Stability, Security, Transition and Reconstruction (SSTR) Operations. The course initially frames the strategic environment that faces this nation and our allies as we transform organizations and processes to more effectively answer the challenges of current defense planning scenarios. The seminar will examine the Ends, Ways and Means of present strategy by requiring participants to articulate national policy themes in answering a deteriorating and destabilizing situation taking place with an international partner. In addition to gaining an appreciation of the dynamics of strategic guidance, the seminar will examine the transforming processes in development that are designed to bring more coherence to our planning efforts. Next the course focuses on the various players and their respective agencies in this complex environment. The foregoing lays the foundation for participants to interact in a final planning simulation that will be reviewed by a senior mentor. JIMPC is conducted in a dynamic seminar environment, using informal lectures, guided discussions, guest presentations by subject matter experts as well as case studies to examine the adaptive planning processes as they pertain to interagency coordination and complex contingency operations. This provides a common framework and a shared understanding on how best to implement the various instruments of power in answering strategic challenges. The capstone of the course is a multiple-scenario, computer-assisted exercise COHERENT KLUGE, which enables participants the opportunity to work within a model which simulates a Joint Inter-Agency Coordination Group (JIACG) as it advises the unified commander. ACADEMIC YEAR CALENDAR 2011: JIMPC 6-10 Dec 10, 22-26 Mar 11, 20-24 Jun 11, 6-9 Sep 11, 21-25 Nov 11.

PRE-REQUISITE: INTERNATIONAL STUDENTS SHOULD BE HIGHLY FLUENT IN CONVERSATIONAL ENGLISH. STUDENTS SHOULD ARRIVE ONE WEEK PRIOR TO CLASS CONVENE.

COURSE NOTES:

P171037	A-570-4500	U	COMMAND MASTER CHIEF/CHIEF OF THE BOAT	2w	PNEA	Newport, RI
ECL:	70			**EIMET:**	No	

CMC/COB provides capstone learning experience for individual en-route to initial assignment as primary duty Command Master Chief/Chief of the Boat. Scope: CMC/COB curriculum provides attendees with a just in time small group learning environment to prepare individuals for duty as a CMC/COB. This facilitated course combines small group discussion with case study analysis. To include joint scenarios with prospective commanding officers and executive officers students.

PRE-REQUISITE: Individual must be under valid orders for a 9579 or 9580 NEC billet.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171039	IPEL	U	INTERNATIONAL PROFESSIONAL ENLISTED LEADERSHIP(IPEL)	5w	POTD	Pensacola, FL
ECL:	65			**EIMET:**	No	

This course provides leadership education and training for senior enlisted personnel (E-5 to E-9) of all military services and has been designed to create a cadre of individuals in participating countries who can: 1) rise to levels of prominence within a country's enlisted leadership ranks; 2) serve as liaison personnel for the various U.S. (or other allies') METs or MTTs or other COCOM sponsored visits, funded from a variety of sources, that are geared to improve enlisted professionalism and leadership; or 3) become instructors for a national military education effort to improve not only enlisted professionalism and leadership skills, but also, hopefully, to create an understanding of the necessity for a more skilled, better trained, more professional cadre of enlisted leaders. IPEL combines the best aspects of time tested and proven leadership training with the latest state of the art educational methods. The course was designed first and foremost with a singular focus on enhancing the leadership capabilities and professional development of international senior enlisted military members. Core educational subjects such as leadership, personality profiling, instructor training, computer skills, physical training, time management and subordinate mentorship and counseling are addressed in detail by both classroom lecture and student exercises. In addition to these traditional subjects, 24 class hours are spent outdoors on the NAS Pensacola Leadership Reaction Course (LRC) which provides the very best "real world" training in the areas of leadership, team building, communication and decision making skills. Along with our experienced instructor staff, several "Subject Matter Expert" guest speakers provide valuable insight into a broad field of relevant leadership issues such as: alcohol and drug abuse, suicide prevention, stress management, hazing and the Rule of Law. Students completing this professional course of instruction will not only have greatly improved their own leadership skills and professional development, but will return to their commands with a wealth of knowledge and professionalism that should provide a long lasting positive influence to their countries' military services. In addition to the 5-week resident course IPEL is also offered as an MET (MASL P300114, Variable Duration). Each MET is specifically designed for the host country and its content reflects the requirements and preferences identified and agreed to by the host country during the initial assessment. METs can vary in length from one to five weeks and can be offered to general audiences or specifically targeted particular pay grades from E-5 to O-3 or any combination thereof. METs can also be used to "train the trainers" while setting up a national enlisted leadership training and education program. The MET's curriculum can be provided in the language desired by the host country using simultaneous translation and instructors with international language capability. Countries requesting METs have found it most useful to send 2-4 potential instructors to the resident IPEL course so that those individuals can act as both liaison for the visiting MET and as the core of the host country's future self-training and education efforts. The FY 2011 combined tuition costs for the resident IPEL 5-week course, which is taught at NITC at NAS Pensacola, is $12,500. On base housing and messing are available along with local transportation. Students attending the IPEL course will also be fully engaged in an active Field Studies Program and make numerous command visits to operational commands throughout the Gulf Coast states. The course that convenes on 12 September 2011 will be taught in English with simultaneous Spanish translation provided for Spanish speaking countries that may want to target that start date. Resident Course Dates for FY-11:Convening date 2/7/2011 5/2/2011 9/12/2011 11/14/2011 Graduation date 3/11/2011 6/3/2011 10/14/2011 12/16/2011

PRE-REQUISITE:

COURSE NOTES:

P171040	P-7C-0101	U	DEPT HEAD LEADERSHIP COURSE	1w	PNLV	Virginia Beach, VA
ECL:	80			**EIMET:**	No	

This course provides prospective department heads with the requisite naval leadership skills necessary to function as effective leaders as a department head. Scope: the department head leadership development program consists of two subsections. The first subsection is the classroom attendance of the department head leadership course. The second subsection is recommended e-learning courses to support the department head leadership program and the course. The Department Head Leadership Course (DHLC) supports sailors, o1 and above, en route to a department head assignment. The Navy Leadership Competency Model (NLCM) assigns the following competencies to the department head development program: accomplishing mission, leading people, leading change, working with people and resource stewardship. Students will be applying leadership skill sets based on the content derived from the NLCM. Students may not return to parent command for duty or watch standing IAW NAVADMIN 033/06. All students are required to establish an NKO account at least 14 days prior to desired class convening.

PRE-REQUISITE:

COURSE NOTES:

P171042	POTD	U	GLOBAL MARITIME SENIOR ENLISTED SYMPOSIUM	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Purpose. The purpose of this annual Global Maritime Senior Enlisted Symposium is to create a global integrated maritime senior enlisted community to help enhance and strengthen the readiness, welfare, and leadership development of maritime forces around the world, and to foster relationships among maritime senior enlisted leaders. Scope. A goal of the Master Chief Petty Officer of the Navy (MCPON) and Master Chief Petty Officer of the Coast Guard (MCPOCG) is to create a global integrated maritime senior enlisted community as an integral part of the "Total Force" relationships around the world. This network will bring perspectives, unique capabilities, as well as in-depth tactical knowledge of their respective navies, coast guards, and maritime forces. This annual symposium will be conducted in cooperation with other Senior Enlisted Advisors (both U.S. and international) around the world, and will serve as a forum for key speakers, focused discussions, shared experiences, which in-turn will create a synergy that will be felt around the world.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171045		U	SENIOR ENLISTED JOINT PME COURSE (SEJPME) CONUS	1w	VAR	
ECL:	80			**EIMET:**	No	

This is a Chairman of the Joint Chiefs of Staff sponsored course. It is authorized by CJCSI 1805.01 - Enlisted Professional Military Education Policy (EPMEP).The purpose of this course is to produce confident and competent Senior Enlisted Leaders (SELs) who are more fully prepared to quickly assimilate and effectively contribute in joint assignments and mentor junior NCOs and the other enlisted personnel they supervise. It is a stand-alone web-based course that educates senior enlisted leaders (SELs) serving in or slated to serve in a joint organization. The course is 40 (66) hours in length and uses interactive multimedia instruction (IMI): text, graphics, video, and audio. Students are allotted 90 days to complete all coursework. The curriculum consists of four joint learning areas (JLAs).JLA 1 - National Military Capabilities and Organization JLA 2 - Armed Forces Overview JLA 3 - Foundations of Joint Operations JLA 4 - National Strategic Overview

PRE-REQUISITE: Minimum ECL score of 80.-Grades E-7 to E-9. -Must be enrolled in one of the following schools: U.S. Coast Guard Chief Petty Officer Academy (Petaluma, CA)Navy Senior Enlisted Academy (Newport, RI)Air Force Senior NCO Academy (Montgomery, AL)U.S. Army Sergeants Major Academy (Fort Bliss, TX)Marine Corps University (Quantico, VA)Joint Forces Staff College (Norfolk, VA) National Defense University (Washington, D.C.)Joint Special Operations University (Hurlburt Field, FL)

COURSE NOTES: DIST LEARN PAF

P171051	A-4E-0087	U	MINE WARFARE ORIENTATION FOR INTERNATIONAL OFFICER	2w	PMWS	San Diego, CA
ECL:	80			**EIMET:**	No	

NO PRIOR MINE WARFARE EXPERIENCE REQUIRED. Trains Officers of the rank O1 through O5 in the concepts of U.S. Naval procedures for offensive and defensive mine warfare. This course of instruction is intended to indoctrinate international officers in the concepts of U.S. Naval procedures for offensive and defensive mine warfare and, through a program of orientation visits to civic, governmental, and military establishments, to acquaint the officers with the economic, industrial, cultural, and military structure of the United States, in accordance with the provisions of the Department of Defense Informational Program as implemented by OPNAVINST 4950.1.

PRE-REQUISITE:

COURSE NOTES:

P171053	A-8B-0077	U	INTL LOG EXEC ADV DEV (ILEAD)	8w	PSC5	Newport, RI
ECL:	80			**EIMET:**	No	

International Logistics Executives Advanced Development (ILEAD) (8 weeks), formerly Senior International Officer Supply Management Course Senior International Officers, grade O5 and above, waivers available. Course is taught once per year. This eight-week course is designed to give Senior International Officers a better understanding of current trends in logistics and supply chain management from the military perspective. This course includes the Advanced Management Program (AMP) as the first portion of the course. AMP is a two-week long executive leadership course designed for CDR's and GS-13/14's that deals with transformation, supply chain management, lean six-sigma, and many other management skills used both by industry and DoD. It is a post-MBA level course, taught by university professors from top-level business schools. The students will be embedded with equivalent U.S. personnel during this period, and work on group projects and make a group presentation for a panel of Flag Officers on the last day of AMP. Following the two weeks of AMP, site visits will be conducted to various Navy commands in the U.S. to give the students an on-site view of the various logistics initiatives and projects currently being worked on by Department of Defense, and U.S. Navy. The students will also participate in various events that will allow for a better understanding of American society and culture. All course travel is included in the MASL cost. Class requires an 80 ECL score.

PRE-REQUISITE:

COURSE NOTES: Special Notes: See notes under location code for NSCS Newport.

P171054	P- 7C-0101	U	DEPARTMENT HEAD LEADERSHIP COURSE (DHLC)	1w	PSC4	Newport, RI
ECL:	80			**EIMET:**	No	

This course provides prospective department heads with the requisite naval leadership skills necessary to function as effective leaders as a department head. Scope: the department head leadership development program consists of two subsections. The first subsection is the classroom attendance of the department head leadership course. The second subsection is recommended e-learning courses to support the department head leadership program and the course. The Department Head Leadership Course (DHLC) supports sailors, O1 and above, en route to a department head assignment. Previous completion of the IOLTC (CIN P-7C-0023) or AOLTC (CIN P-1B-0006) satisfies the requirement for DHLC. The Navy Leadership Competency Model (NLCM) assigns the following competencies to the department head development program: accomplishing mission, leading people, leading change, working with people and resource stewardship. Students will be applying leadership skill sets based on the content derived from the NLCM. Students may not return to parent command for duty or watch standing IAW NAVADMIN 033/06. All students are required to establish an NKO account at least 14 days prior to desired class convening.

PRE-REQUISITE:

COURSE NOTES: Special Notes: NSCS Newport IMSO will pick up the students at the Newport Airport.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171055		U	EXPEDITIONARY WARFARE REGIONAL SEMINAR CONUS	0w	VAR	
ECL:	80A			**EIMET:**	No	

The Expeditionary Warfare School Regional Seminar Program gives officers the tools necessary to function successfully in any operational environment. The focus is to develop officers who think critically, solve problems, and understand the capabilities and potential roles of the MAGTFs in a joint-multinational-interagency environment. The seminars are faculty led, validating and evaluating the students' participation throughout. The EWS Regional Seminar is structured as follows: EWSDEP Regional Seminar is derived from and parallel to the curriculum of the resident Expeditionary Warfare School program. Courses of instruction includes: Warfighting (8651): This doctrinally based course covers the theory and nature of war and details the warfighting doctrine of the Marine Corps as expressed in MCDP 1, Warfighting. The course introduces the warfighting functions and organization of Marine Corps operating forces. Particular emphasis is paid to the warfighting concepts of commander's intent and the estimate process. It details Marine Corps doctrine as expressed in MCDP 2, Intelligence, MCDP 3, Expeditionary Operations, MCDP 4, Logistics and MCDP 5, Command and Control. Additionally, students complete a curriculum devoted to irregular warfare, cultural awareness, leadership, ethics, and moral courage. Information Management (8652): This course covers the doctrinal concepts and the applications of information management. It focuses on the information management plan and the role of the senior watch officer in command post operations. Marine Corps Planning Process (MCPP) (8653): This course combines seminar with an interactive multimedia form of instruction, which is a scenario-based practical exercise (PE), to teach the planning process. MCPP contains many concurrent and overlapping activities. Elements such as information gathering and template/matrix updating continue throughout the entire process. This course is linked to the Marine Corps planning doctrine and is based on MCWP 5-1, Marine Corps Planning Process. MAGTF Operations Ashore (8654): This course builds on the foundations of Command and Control as it explores the resources, doctrinal concepts, and warfighting capabilities associated with each element of the MAGTF, first as an element itself, then as part of a synergistic, combined arms MAGTF. The course provides detailed instruction on the integration of the MAGTF's major subordinate commands within combined arms offensive operations. The curriculum consists of a combination of interactive multimedia instruction (IMI), selected reading, and practical exercises (PEs). MAGTF Operations Ashore (8655): This course expands on the doctrinal foundations and warfighting capabilities of each element of the MAGTF and of the combined arms MAGTF as the course explores the integration of the MAGTF's major subordinate commands within combined arms defensive operations. Additionally, it provides students an introduction to military operations on urbanized terrain (MOUT) and detailed instruction on MAGTF information operations capabilities and planning. The curriculum consists of a combination of IMI, selected reading, and PEs. Expeditionary Operations (8656): This course introduces the doctrine, concepts, and challenges for MAGTF options in support of expeditionary operations with emphasis on amphibious operations. Additionally, the course introduces the complexities of force deployment planning and execution (FDP&E). Students learn about the initiating directive and the basic amphibious decisions. A study of the doctrinal amphibious command relationships addresses the critical impact these basic decisions have on the ship-to-shore movement and preparation of the landing plan. This course also addresses the critical impact of reduced amphibious lift and the importance of maritime prepositioned force (MPF) employment. Students complete PEs to reinforce the FDP&E and amphibious planning instruction. The course consists of a combination of self-paced text, readings, IMI, and PEs. Expeditionary Operations (8657): This course expands on the doctrine and concepts for MAGTF options in support of expeditionary operations with emphasis on Marine expeditionary unit (MEU) and maritime prepositional force (MPF) operations. It explores the Range of Military Operations such as crisis response and limited contingency operations and military engagement, security cooperation, and deterrence activities and the interrelationship between political, humanitarian, and military objectives and the concept of military intervention in response to situations where these objectives may be in conflict with each other. The students are exposed to the rapid response planning process.

PRE-REQUISITE: The Program is open to officers in the grade of captain (O-3). Waivers may be granted on a case-by-case basis for O-2 or O-4.

COURSE NOTES:

P171056		U	NWC INTERNATIONAL FELLOWS PROGRAM	0w	PNW	Newport, RI
ECL:	80			**EIMET:**	No	

International Fellows Program. This is by invitation only.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171057		U	HOMELAND SECURITY PLANNER' COURSE (HLSPC)	1w	PAFS	Norfolk, VA
ECL:	80A			**EIMET:**	No	

The Homeland Security Planner's Course (HLSPC) is a five-day, 40-hour certificate course designed for U.S. government personnel in the military grades of O-4 to O-6 and civilian GS equivalents, and select international governments personnel with established agreements with the United States for homeland security and homeland defense collaboration. This course is intended for planners from the Combatant Commands and other U.S. government agencies and departments such as the FBI, Department of Homeland Security (DHS) and its components (FEMA, CBP, TSA, and USSS), Department of Transportation, Department of Health and Human Services (DHHS), etc. HLSPC is taught in a dynamic small-group, seminar environment. The 20-25 person seminar is comprised of an interagency and select multinational mix of DoD, non-DoD government, and first responders (fire chiefs, police chiefs, etc.) to create a "whole of government and "North America" learning environment. HLSPC focuses on planning for homeland security, homeland defense, and civil support (Defense Support of Civil Authorities) at the operational or combatant command level. The course is designed to give the students knowledge and comprehension of national level policy, strategy, and plans for homeland security; DoD policy, strategy, and plans for homeland defense and civil support; and planning processes such as the Joint Operations Planning and Execution System (JOPES) (and the future Adaptive Planning and Execution System (APEX)); and the National Incident Management System (NIMS) (to include the Incident Management System (ICS)). HLSPC is conducted through guided discussions, distinguished speakers, subject matter expert (SME) briefings, and computer-assisted simulation exercises.

PRE-REQUISITE: INTERNATIONAL STUDENTS SHOULD BE HIGHLY FLUENT IN CONVERSATIONAL ENGLISH.

COURSE NOTES:

P171400	MET CMR	U	MET CMR CONUS PLANNING	1w	PCMR	Monterey, CA
ECL:	70			**EIMET:**	Yes	

This program provides an intensive five-day course on civil-military relations. Designed for a mixed group of senior military officers, civilian officials, legislators, and non-government personnel, the course is tailored to address country specific civil-military relations issues, needs, and circumstances. The course is usually taught abroad (in translation), although it can be taught in CONUS for a specific country group on a limited basis and after extensive prior arrangements using P171400 for programming. The curriculum features a strong problem solving focus designed to help participants analyze and resolve civil-military conflicts, build mechanisms strengthening civilian control, and deal with the many underlying sources of civil military conflict common to democracies. NOTE: THIS NAVAL POSTGRADUATE SCHOOL (NAVPGSCOL) COURSE IS AVAILABLE IN CONUS ONLY ON AN EXTREMELY LIMITED BASIS. REQUIRES EXTENSIVE PRIOR SPECIAL ARRANGEMENTS. THE COURSE IS NORMALLY TAUGHT BY A MOBILE EDUCATION TEAM IN-COUNTRY, UNDER MASL P309070 (PGS/PDR JOINT MET). SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P171403	S- 00-2001	U	685 CIV-MIL RELATIONS	65w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

685 CIVIL-MILITARY RELATIONS This five quarter curriculum (15 months) leads to the M.A. degree in INTERNATIONAL SECURITY AND CIVIL-MILITARY RELATIONS at the Naval Postgraduate School and provides the student with a comprehensive understanding of the real problems surrounding civilian oversight of a professional military in a democracy. The program is designed for military officers (O-3 to O-5) and equivalent civilian officials. International students in this curriculum are fully integrated with U.S. students at the Naval Postgraduate School. As part of the degree, the students are required to complete a thesis that deals with a significant civil-military issue for their country. The program is also designed to provide graduates with the tools they need to initiate and teach civil-military relations programs in their own countries. DEGREE: Master of Arts in Security Studies (Civil-Military Relations)SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171404		U	INTELLIGENCE & DEMOCRACY	1w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a one-week course entitled "Intelligence and Democracy," in June, at the Naval Postgraduate School, Monterey, California, immediately following the CCMR Executive Program in Defense Decision Making. The key objective of this course of instruction is to examine the methods civilian authorities in emerging democracies can use to establish strong, effective controls over their intelligence agencies. The course first examines the intelligence process in established democracies and the potential problems that intelligence activities can pose to democratic governance. Next, participants analyze the mechanisms used by long-established democracies to maintain control over their intelligence organizations. These instruments of control include use of the power of the purse, structural and organizational arrangements, legislative oversight, and public opinion. Employing the case study approach, participants examine the recent efforts by emerging democracies in Latin America, Central Europe, Asia and Africa to establish their own democratic controls over intelligence and the challenges that such nations will face in the future. The educational approach of this course combines informational content along with practical exercises and case studies to provide participants with the skills and knowledge needed to understand how modern democracies design effective mechanisms to control their intelligence agencies. Participants This course is designed for international civilians officials and military officers concerned with developing democratic controls and oversight mechanisms for intelligence agencies. Attendance by several participants from each interested country is encouraged. US participants, civilian and military, also are eligible to attend. Accommodations Participants are normally housed on campus at the Naval Postgraduate School Bachelor Officer Quarters (BOQ). These rooms are near the classrooms where the course is conducted. The rooms include a private bath, television, telephone, and a small refrigerator and microwave oven. Accompanying spouses and children may also stay in the BOQ for a small additional charge. Medical care is available on an emergency basis only. Language While there is no formal TOEFL requirement, SCOs and participants should be aware that the course is conducted entirely in English and that the program strongly emphasizes group discussion. The ECL requirement is 80. Course Dates The Intelligence and Democracy course can be programmed upon request starting FY04. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures. EFFECTIVE 01 JUNE 06: THE TUITION FOR THIS COURSE INCLUDES LODGING COSTS AT LOCAL HOTEL. COSTS WILL BE PAID BY SCHOOLHOUSE VS. STUDENTS. STUDENTS RECEIVING LIVING ALLOWANCE SHOULD RECEIVE MEALS AND INCIDENTALS ALLOWANCE ONLY. COUNTRIES PAYING THEIR STUDENTS LIVING ALLOWANCE CAN FOLLOW THE SAME GUIDELINES.

PRE-REQUISITE:

COURSE NOTES:

P171410	C- 4J-3302	U	AV SAFETY OFF (ASO)	4.4w	PSFF	Pensacola, FL
ECL:	80			**EIMET:**	No	

To prepare safety officers at the squadron level to assist commanding officers in conducting an aggressive accident prevention program. When the SSO/ASO completes this course he will be able to organize and administer an accident prevention program at the squadron level, as defined in OPNAVINST 3750.6. Subject matter for the course includes aerodynamics and structural analysis for accident prevention, safety program management, accident investigation and reporting techniques and requirements, aviation physiology and psychology, and safety law. Students must be O-3/O-4.SPECIAL NOTES: STUDENTS WILL BE INVOLVED IN A FAST PACED COURSE CONSISTING OF SIX HOURS OF CLASSROOM WORK PER DAY FOR SIX WEEKS (28 WORK DAYS). INCLUDED IN THE CURRICULUM ARE WRITTEN EXERCISES (INCLUDING A 5-6 PAGE PAPER) WHICH SHOULD BE WRITTEN IN ENGLISH. STUDENTS WITHOUT THE ABILITY TO COMMUNICATE IN ENGLISH (ORALLY AND IN WRITING) SHOULD NOT ATTEND THIS COURSE. STUDENTS ARE REQUESTED TO REGISTER WITH THE NAVAL SCHOOL OF AVIATION SAFETY ONLINE FOR THE ASO/ASC COURSES. STUDENTS WHO HAVE ASSIGNED QUOTAS AND INTERNET ACCESS SHOULD REGISTER ON LINE: HTTP:/WWW.NPS.NAVY.MIL/AVSAFETY/WELINFO.HTM (ALL LOWER CASE). IN ADDITION TO REGISTRATION AND ACADEMIC PRE-REQUISITES, THE WEB SITE CONTAINS INFORMATION ON BILLETING, MESSING, UNIFORMS AND COURSE INFO. STUDENTS WITHOUT INTERNET ACCESS SHOULD CONTACT THE SCHOOL OF AVIATION SAFETY. CANCELLATIONS ARE REQUIRED NOT LATER THAN TWO WEEKS PRIOR TO CONVENING DATE, TO FACILITATE STANDBY QUOTA UTILIZATION. WHEN REGISTERING WITH SCHOOL OF AVIATION SAFETY, PROVIDE FOLLOWING INFORMATION: A. NAME (FIRST MIDDLE, LAST)B. RANKC. SERVICE (INCLUDING RESERVE, MSC, MC, ETC.)D. SSN/DESIGNATOR (IF APPLICABLE)E. EMAIL ADDRESSF. PHONE NUMBER (DSN OR COMMERCIAL, INCLUDE COUNTRY CODE.)G. AIRCRAFTH. CALLSIGNTHE UNIFORM OF THE DAY WILL BE SERVICE KHAKIS, SUMMER SERVICE CHARLIES, FLIGHT SUITS OR EQUIVALENT. REVIEW OPNAVINST 3750.6R PRIOR TO REPORTING. BRING COPY OF SQUADRON S PRE-MISHAP PLAN, HAND-HELD CALCULATOR AND SEVERAL BLANK THREE AND ONE-HALF INCH FLOPPY DISKETTES.ADVANCE PER DIEM: DRAW FROM PARENT COMMANDS. 100 PERCENT PER DIEM MUST BE DIRECTED BY PARENT COMMAND IN BLOCK 21.ELIGIBILITY: Designated Naval aviators or naval flight officers who are deployment or detachment experienced with the rank of Lieutenant/Lieutenant Commander, USN, and Captain/Major, USMC. Medical Corps or Medical Service Corps officers who are in a billet requiring the ASO course. Any exceptions and requests from other services or organizations shall be coordinated with the Director, School of Aviation Safety.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171411	C- 4J-3301	U	AVIATION SAFETY CMD (ASC)	1.2w	PSFF	Pensacola, FL
ECL:	80			**EIMET:**	No	

To indoctrinate aviation squadron commanding officers, executive officers, officers in charge, officers screened for command and major aviation staff safety officers, in the policies, philosophy, and techniques of an effective command safety program. Students should be O-4/0-5. NOTE: STUDENTS WILL BE INVOLVED IN A FAST PACED COURSE CONSISTING OF SEVEN HRS OF CLASSROOM WORK PER DAY FOR FIVE TO SIX DAYS. IN ADDITION TO THE CLASSROOM PRESENTATIONS, STUDENTS WILL BE REQUIRED TO READ COURSE MATERIALS AND PREPARE WRITTEN REPORTS TO BE PRESENTED TO THE CLASS. Eligibility: Actual or prospective commanding officers, executive officers, officers-in-charge, major aviation staff officers, and aircraft carrier safety officers who are designated naval aviators or naval flight officers of the rank of Lieutenant Commander, USN, or Major, USMC and senior. Exceptions and requests from other services or organizations shall be coordinated with the Director, School of Aviation Safety.

PRE-REQUISITE:

COURSE NOTES:

P171493	CD ROM	U	CD - COMB STRATEGY/SEC/OPS	1w	PNCE	Newport, RI
ECL:				**EIMET:**	No	

Each of the core courses is available as a Correspondence Course. The modules/blocks and associated topics are listed below for each of the core courses which are also offered separately. STRATEGY AND POLICY - P171490 Module # Topic 1 Policy, Strategy, and War 2 The American Revolution and Maritime Theory 3 The Russo-Japanese War 4 Capstone Module: The Peloponnesian War JOINT MARITIME OPERATIONS - P171492 Block # Topic 1 Course Foundations and Operational Concepts 2 Law and the Use of Force 3 Military Organization 4 Introduction of Military Operations Other Than War (MOOTW) 5 Planning Concepts 6 Operations Order (OPORD) Development NATIONAL SECURITY DECISION MAKING - P171491 Module # Topic 1 National Security Processes 2 Military Strategy and Force Planning During this course of study, the student will submit a variety of written assignments in the form of assessments, answers to multiple choice questions, and essays. Time limits for submission of written materials are specified in individual syllabi. Normally they are required in not more than 60-day intervals. Partial submissions are not acceptable. Simultaneous multiple submissions of written assignments are discouraged unless operational commitments require it. If any circumstances preclude timely submission of written requirements, students must notify their instructors as soon as possible. Students who do not meet submission deadlines will be disenrolled from the program. The College will complete review of student work as quickly as possible following receipt. Unless specifically directed otherwise, do not wait for instructor feedback on written assignments before proceeding with the rest of the course. Written requirements are evaluated first to determine if the student has demonstrated an understanding of the basic principles and concepts the course is designed to convey. They will then be evaluated in terms of logical development and, in some cases, depth of analysis. These reviews are intended to be a continuation of the learning process for all students. Study materials for each module/block should not be returned to the College until these reviews are received. An online application must be completed in order to apply for a CD-ROM Based correspondence course. The application will require student information. All applications should be filled out accurately and completely for proper consideration. Applicants will be notified by letter of their status within 30 days. Enrollment will be limited to 200 naval officers in FY-2005 IAW the following priorities:

PRE-REQUISITE:

COURSE NOTES:

P171853		U	CSCDEP NON-RESIDENT SEMINAR CONUS	36w	POTD	Pensacola, FL
ECL:	80A			**EIMET:**	No	

COMMAND & STAFF DISTANCE EDUCATION PROGRAM, NON-RESIDENT SEMINAR CONUS This is the ON-LINE portion of the one-year program. Other MASL s required: P171850 and P171851.The intent of the CSCDEP program is to provide officers with an understanding of the relationship among the strategic, operational, and tactical levels of war within a joint/multinational environment. In conjunction with the application of Marine Air-Ground Task Force (MAGTF) doctrine and techniques for the changing conditions of warfare, this understanding provides officers with the tools necessary to defeat opponents. The focus of the program is to develop officers who understand the capabilities and potential roles of a MAGTF in a joint/multinational environment. Operational Art (8903): Operational Art focuses on the analysis of strategic guidance provided by the President and Secretary of Defense and on the translation of that guidance into operational direction in the form of a campaign plan designed to achieve military objectives. The course examines the concept of operational (theater level) warfare and the relationship among the three levels of war: strategic, operational, and tactical. It explores the organization of joint forces, other Service warfare, information operations, and cultures affect on operations. Lastly, it examines, the considerations associated with operational planning in a joint/multinational environment and war termination. Joint Warfighting (8904): Joint Warfighting is primarily designed to give you a more robust knowledge of componency, joint planning systems and tools, joint operational capabilities, joint targeting, specialized joint operations, multinational operations, and your potential role in homeland security/defense in coordination with the interagency community. This course focuses on promoting sound operational planning which relies upon a firm grasp of the types of joint planning tools, forces, and specialized operations taught in this course. Small Wars (8905): Small Wars discusses the aspects of military operations that focus on deterring war and promoting peace and stability in an environment characterized by other than large-scale combat operations. It offers study in culture and ethics and focuses on those very difficult aspects of stability and reconstruction operations. Insurgency and counterinsurgency are also key topics within the course. Small Wars explores how the U.S. becomes involved in entangling situations then must use all elements of national power to accomplish national goals and aspirations. This course provides a foundation on which to assess a situation, decide whether military response is appropriate, and justify the validity of that decision. PREREQ: Offered to Officers O-4 and above, active and reserve, civilians employed by DOD GS-12 and above, and approved IMS.DURATION TOTAL OF ALL THREE SEMINARS: One year.

PRE-REQUISITE:

COURSE NOTES: DIST LEARN CONUS

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P171854		U	COMMAND AND STAFF COLLEGE REGIONAL SEMINAR CONUS	70w	VAR	
ECL:	80A			**EIMET:**	No	

Informed by the study of history and culture, the CSCDEP educates and trains its joint, multinational, and interagency professionals in order to produce skilled warfighting leaders able to overcome diverse 21st Century security challenges. The CSCDEP is a JPME Phase I certified Service Intermediate-Level College (ILC), and provides its students a graduate level education. The CCE provides this education via onsite and online seminars, utilizing the Blackboard online learning environment, in order to ensure that every student benefits from the seminar experience and timely, relevant curricula reach all non-resident students at the right time and place. This mission parallels the resident schools but recognizes the unique nature of the distance learning environment. The following are the CSCDEP courses: First Year-Theory and Nature of War (8901)-National and International Security Studies (8902)-Operational Art (8903)-Joint Warfighting (8904)Second Year-Small Wars (8905)-MAGTF Expeditionary Operations (8906)-Amphibious Operations (8907)-Operation Planning and Final Exercise (8908)Student is given 24 months (96 weeks) to complete this correspondence course.

PRE-REQUISITE:

COURSE NOTES:

P172001		U	INTRO TO (ISR) CONCEPTS, SYSTEMS TESTS & EVALS	0.6w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

Introduction to (ISR) Intelligence, Surveillance, Reconnaissance Concepts, Systems, and Test and Evaluation Gain an overview of Intelligence, Surveillance, Reconnaissance-enabling technologies, systems engineering, and test and evaluation. Explore technical issues related to measures of performance, test planning, instrumentation, and sensor/system functions. Examine challenges testing of network centric systems (and systems of systems), and review aspects of human factors impacting ISR system performance. Gain insights into the functions and needs of Department of Defense intelligence consumers/customers. Notes: WHO SHOULD ATTEND: Engineers, Technicians, and Managers.

PRE-REQUISITE:

COURSE NOTES:

P172003	K- 3A-5014	U	INTL MARITIME INTELL(IMIC)	3w	PICP	San Diego, CA
ECL:	70			**EIMET:**	No	

Provides enhanced maritime operational intelligence training to international junior offices who are designated special duty intelligence, collateral duty intelligence or general line officers with an interest in maritime intelligence assignments in order to promote coalition interoperability. Scope: The curriculum stresses skills and knowledge required of intelligence officers in the following areas: academics of intelligence analysis and research; intelligence sources and methods, naval intelligence principles and operations; counter-drug; counter-terrorism; asymmetric warfare; maritime force protection; and operational intelligence fusion. Students will demonstrate learned skills and knowledge in multi-day practical exercises. Prerequisites: Officers O-3 or equivalent and below. Waivers are considered on a case by case basis. Minimum English Comprehension Level of 70.

PRE-REQUISITE:

COURSE NOTES:

P173002	CIVCONTR	U	INTERNATIONAL ANTI-TERRORISM/ANTI PIRACY (IATP)	3.8w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	Yes	

Purpose: International Anti-Terrorism/Piracy is a three and a half week course, taught at the strategic/operational level, designed to acquaint attendees with the most up-to-date information on defenses to terrorism and piracy. The course provides military officers and civilian government officials with an overview of the latest developments in anti-terrorism/piracy actions being taken by governments, militaries and the private sector to defend against potential terrorist and pirate attacks and how to create a plan to meet those threats. The course features expert military and civilian guest speakers, numerous case studies, interactive student exercises and includes several field trips to harbors, airfields, power plants and similar potential terrorist targets. At course completion attendees are capable of leading a military or government organization in conducting vulnerability, risk, and criticality assessments of critical national infrastructure facilities or ashore and afloat military commands and of advising commands as an anti-terrorism and/or anti-piracy officer.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P173004	A-494-0006	U	EXP SHORE BASED CBRD OPSS	2.6w	PCCG	Gulfport, MS
ECL:	80R			**EIMET:**	No	

To provide officers, civilians, and enlisted personnel having responsibility for disaster preparedness with the skills necessary to prepare for, defend against, and recover from major accidents and natural or man-made disasters. Course designated as a High Risk course.SCOPE:Training includes the disaster preparedness program; organization and responsibilities; disaster preparedness plan and supporting document preparation; peacetime response and recovery requirements for major accidents and disasters; wartime protection, response and recovery operations; detection, protection, and decontamination due to nuclear, biological, and chemical contamination; chemical warfare defense operations; associated reports, related administrative and supervisory requirements; installation information and training program and inspection program, to include program analysis pertinent to disaster preparedness; and instructor fundamentals. Students will be required to perform in a simulated wartime and peacetime environment wearing actual protective clothing.

PRE-REQUISITE: Pregnant members are not allowed to attend this course due to the nature of the training.Officers (01-03), Enlisted personnel (E5-E8), open to all ratings.Failure to meet any prerequisite may result in disenrollment.Prior to transfer the transferring command will ensure the following:1. Contact lenses may not be worn with the protective masks in hte Chemical Defense Training facility. If corrective lenses are required, students will be issued glass (optical) inserts for yhe chemical protective mask or be able to see 20/40 (near or distant) or better in one eye.Students reporting for instruction must meet Physical Readiness Program standards IAW OPNAVINST 6110.0 series (Body-fat percentage of 22% for males and 30% for females). Students failing to meet this requirement will be dropped from the course.

COURSE NOTES:

P173006	DNWS-R016	U	WMD COMMAND, CONTROL, AND COORDINATION (WMDC3)	0.8w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Objectives:-Provide an overview of current WMD threats and vulnerabilities to the U.S. in terms of Federal homeland defense and DoD anti-terrorism/force protection.-Introduce and detail the Federal plans, DoD directives, policies, and guidance that affect DoD's role in CONUS CBRNE disaster response.-Compare roles and responsibilities of key government agencies in mitigating WMD incidents.-Understand significant critical decision points for WMD incidents on and contiguous to a military installation.-Understand procedures for requesting DoD WMD response assets for application in a Federal WMD consequence management response.-Provide tools to installation commanders and Federal-agency executives for requesting/applying DoD response assets into their local plans. Content:-Discussions of potential WMD threats and vulnerabilities to CONUS populace and infrastructure.-Overview of CBRNE threats -Overview of Executive Orders, Presidential Decision Directives, Federal statutes, and DoD directives pertaining to CBRNE disaster response and consequence management operations.-Overview of DoD WMD response assets, capabilities, and limitations.-Discussion of legal, public affairs, psychological aspects, characteristics of WMD incident response.-Computer-based WMD scenario designed to reinforce concepts learned. Format: Facilitated discussions and lectures supported by computer-based exercises. Faculty: DNWS Staff, subject-matter-experts, speakers from FBI, FEMA, Department of Homeland Security, and USNORTHCOM. Who Should Attend: Commanders and their support staff and Federal, state, and local authorities that have decision making responsibilities during WMD incidents. Registration: Registration forms must be received by student services a minimum of 15 working days before class start date. Time and Location: Report to the DNWS at 0730 on class start date. Class will end 1700 on last day. Appropriate Dress: Military: BDUs, ADUs, or utility uniform (no flight suits) Civilians: Casual attire

PRE-REQUISITE:

COURSE NOTES: NATO, Australia, Singapore students (DNWS-DL001)

P173007	DNWS-R017	U	HAZARD PREDICTION AND ASSESS CAPABILITIES LEVEL 1	1w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Hazard Prediction and Assessment Capability (HPAC) Level 1 Course Objectives: At the end of this course, participants will be able to:-Explain capabilities and limitations of HPAC.-Review, apply, and demonstrate source term functionality in HPAC.-Select and demonstrate the appropriate application of editor within HPAC.-Differentiate and develop results of HPAC calculations. Content:-Overview of HPAC and the HPAC Graphical User Interface (GUI).-Primers on chemical, biological, and nuclear radiological weapons.-Weather terms, definitions, data types, and the HPAC weather GUI.-Interpretation of HPAC analysis plots and tables.-Common HPAC warning and error messages.-Exercises on the various scenarios that can be modeled with HPAC, such as chemical/biological facility, chemical/biological/nuclear weapon incident, industrial chemical, radiological weapon, and missile intercept. Format: Instructor presentations and computer-based exercises. Faculty: DNWS Staff and subject-matter-experts. DTRA contracted trainers. Who Should Attend: Military and civilian involved in CBRN event modeling. Registration: Registration form must be received by DNWS registrar 15 working days before class. Time and Location: Report to DNWS at 0730 to complete registration on the first day of class. Appropriate Dress: Military: USA - Class BUSMC - Service B/C, USN - Khaki/Working Whites/Blues USAF - Class B Civilians: Business casual.

PRE-REQUISITE: Requires basic computer skills. Requires registration on ACE Center, https://acecenter.cnttr.dtra.mil (page 90).

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P173008	DNWS-R018	U	HAZARD PREDICTION AND ASSESS CAPABILITIES LEVEL 2	1w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Hazard Prediction and Assessment Capability (HPAC) Level 2 Course Objective sat the end of this course, participants will be able to:-Explain the capabilities and limitations of HPAC.-Review, apply, and demonstrate source term functionality in HPAC.-Select and demonstrate the appropriate application of editors within HPAC.-Differentiate and develop results of HPAC calculations. Content:-Specification of complex environments.-Differences between HPAC and other transport dispersion modeling tools.-Using HPAC with environment and hazard description uncertainties.-Use of surrogates for hazardous materials to model different situations.-Advanced weather topics, manual weather input, and weather file formats and options.-Situational assessment and intelligence appraisal in the selection of appropriate HPAC editors.-Interpretation, translation, and communication of HPAC results in appropriate formats. Format: Instructor presentations and computer-based exercises. Faculty: DNWS staff, subject-matter-experts, and DTRA contracted trainers. Who Should Attend: Military and civilians involved in CBRN event modeling. Registration: Registration form must be received by DNWS registrar 15 working days before class. Time and Location: Report to DNWS at 0730 to complete registration on the first day of class. Appropriate Dress: Military: USA - Class B USMC - Service B/CUSN - Khaki/Working Whites/Blues USAF - Class B Civilians: Business casual

PRE-REQUISITE: HPAC Level 1 (MASL P173007) or equivalent and 6 months HPAC experience. Requires registration on ACE Center, https://acecenter.cnttr.dtra.mil (page 90)

COURSE NOTES:

P173009	DNWS-R033	U	HAZARD PREDICTION AND ASSESS CAPABILITIES LEVEL 3	1w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Hazard Prediction and Assessment Capability (HPAC) Level 3 Course Objectives: At the end of this course, participants will be able to:-Consider the uncertainties associated with the input.-Understand modifiable parameters and their effects on results.- Demonstrate how to model complex hazard releases.- Conduct quality assurance on HPAC output.- Articulate HPAC results, assumptions, and uncertainties decision makers. Format: Facilitated discussions and lectures supported by computer based exercises. Faculty: DTRA contracted trainers. Who Should Attend: Military and Federal employees or their contractors who need to be able to perform Military and Federal employees or their contractors who need to be able to perform quality assurance on HPAC output, need to be able to assess the validity and assumption made by HPAC, or have a need to use advanced HPAC features. Participants must have completed the HPAC Level 2 course and have 6 or more months of HPAC experience. Registration: Registration form must be received by DNWS registrar 15 working days before class. Time and Location: Report to DNWS at 0730 to complete registration on the first day of class. Appropriate Dress: Military: USA - Class B, USMC - Service B/C, USN - Khaki/Working Whites/Blues, USAF - Class B Civilians: Business casual

PRE-REQUISITE:

COURSE NOTES:

P173010	DNWS-R020	U	CONSEQUENCE ASSESSMENT TOOL SET LEVEL 1 (CATS 1)	0.6w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Course Objectives: At the end of this course, participants will be able to:-Recognize and understand CATS capabilities and limitations.-Define and describe analytical functionality in CATS.-Select and demonstrate the appropriate application of modeling and assessment functionality within CATS.-Apply and interpret the results of CATS analysis. Course Content:-CATS software and hardware requirements and software configuration.-Hazard types that can be modeled within CATS.-Outputs available from CATS.-Use of weather within CATS.-Types of hazards handled by each model within CATS.-Consequence assessment functions performed by each analytical tool.-Use of geospatial information.-Intelligence use and refinement.-Selection, creation, and refinement of output. Format: Instructor presentations, lectures, and computer-based exercises. Faculty: DNWS staff and DTRA contracted trainers. Who Should Attend: Military and government civilians involved in CBRNE event modeling. Registration: Registration form must be received by DNWS registrar 15 working days before class. Time and Location: Report to DNWS at 0730 to complete registration on the first day of class. Appropriate Dress: Military: USA - Class BUSMC - Service B/CUSN - Khaki/Working Whites/Blues USAF - Class B Civilians: Business casual

PRE-REQUISITE: Requires basic computer skills and completion of the Geospatial Intelligence for Consequence Assessment course (MASL P173012). Requires registration on ACE Center, https://acecenter.cnttr.dtra.mil (page 90).

COURSE NOTES: NATO, Australia, Singapore students

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P173011	DNWS-R021	U	CONSEQUENCE ASSESSMENT TOOL SET LEVEL 2 (CATS 2)	0.6w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Consequence Assessment Tool Set (CATS) Level 2 Course Objectives: At the end of this course, participants will be able to:-Understand higher fidelity modeling tools.-Define and describe analytical functionality in CATS.-Select and apply higher fidelity modeling tools.-Enhance the utility of models and data.-Prepare enhanced output. Content:-Higher fidelity modeling tools.-Consequence assessment functions available in each analytical tool.-Application of problem solving processes and the selection of appropriate modeling tools.-Characterization and translation of intelligence into appropriate CATS input.-Identification, construction, and refinement of enhanced outputs appropriate to the mission objective. Format: Instructor presentations and computer-based exercises. Faculty: DNWS staff and DTRA contracted trainers. Who Should Attend: Military and government civilians involved in CBRNE event modeling. Registration: Registration form must be received by DNWS registrar 15 working days before class. Time and Location: Report to DNWS at 0730 to complete registration on the first day of class. Appropriate Dress: Military: USA - Class BUSMC - Service B/C, USN - Khaki/Working Whites/Blues USAF - Class B Civilians: Business casual

PRE-REQUISITE: Completion of CATS Level 1 (MASL P173010), and Geospatial Intelligence for Consequence Assessment Course (MASL P173012). Requires registration on ACE Center, https://acecenter.cnttr.dtra.mil (page 90).

COURSE NOTES: NATO, Australia, Singapore students

P173012	DNWS-R023	U	GEOSPACIAL INTELLIGENCE FOR CONSEQUENCE ASSESSMENT	0.4w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Objectives-Demonstrate knowledge of geospatial information systems (GIS) principles and terminology.-Demonstrate techniques for proper topographic portrayal according to National Geospatial Agency (NGA) specifications with ArcGIS Software.-Demonstrate techniques for creating, editing, projecting, and attributing data in an ArcGIS database.-Demonstrate techniques for final processing, analyzing, and classifying data in an ArcGIS database. Content:-GIS software principles and operation.-GIS as the Consequence Assessment Tool Set (CATS) software platform. Format: Instructor presentations and computer-based exercises. Faculty: DNWS staff and NGA trainers. Who Should Attend: Military and government civilians involved in CBRNE event modeling. Registration: Registration form must be received by DNWS registrar 15 working days before class. Time and Location: Report to DNWS at 0730 to complete registration on the first day of class. Appropriate Dress: Military: USA - Class BUSMC - Service B/C, USN - Khaki/Working Whites/Blues USAF - Class B Civilians: Business casual

PRE-REQUISITE: This course is normally taken prior to CATS Level 1. Requires basic computer skills.

COURSE NOTES: NATO, Australia, Singapore students

P173013	DNWS-R025	U	NUCLEAR AND RADIOLOGICAL INCIDENT MGMT (NRIM)	0.8w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Objectives -Discuss the history of nuclear weapons accidents and lessons learned. -Describe potential hazards associated with nuclear incidents. -Identify DoD and DOE radiological accident response capabilities. -Discuss state and local radiological accident response capabilities. -Identify legal issues associated with a nuclear incident. -Examine past and current media procedures and participate in course media interviews. -Discuss the National Response Plan and how it applies during a nuclear incident. -Discuss and implement the National Incident Management System (NIMS) into provided scenarios. -Demonstrate command, control, and coordination in Computer-simulated exercises. Content: -Delineates responsibilities during nuclear incident response and offers problem resolution techniques. -Defines Federal, state, and local agency responsibilities. -Explores key issues specific to a radiological accident. -Contributes in practical exercises with intermittent review of decision-making. -Participates in computer-based scenario of a realistic radiological accident. Format: Facilitated discussions and lectures supported by computer-based exercises. Faculty: DNWS Staff and other subject-matter-experts. Who Should Attend: Military personnel (E-7 to O-6) and Federal employees (GS-9 and above) who have responsibility to respond to Registration: Registration forms must be received by student services a minimum of 15 working days before class start date. Time and Location: Report to the DNWS at 0730 on class start date. Appropriate Dress: Military: BDUs, ADUs, or utility uniform (no flight suits) Civilians: Casual attire.

PRE-REQUISITE:

COURSE NOTES: NATO, Australia, Singapore students

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P173014	DNWS-R026	U	NUCLEAR EMERGENCY TEAM OPERATIONS (NETOP)	1.6w	PDTR	Kirkland AFB, NM
ECL:	70			**EIMET:**	No	

Objectives-Demonstrate an understanding of basic nuclear physics, biological effects, and protection exposure.-Identify potential hazards and explain personal protection applications.-Describe national response plans and the requirement for a military response.-Demonstrate use of radioactivity monitoring instruments.-Explain radiation dosimetry and the use of a dosimeter.-Collect radioactive airborne samples.-Demonstrate accident patterns and plotting.-Properly don anti-C clothing.-Setup and operation of a contamination control station. Content:-Discussions of weapons related accidents with response plans and capabilities.-Consideration of radiation effects, potential hazards, and protection methods.-Assessment of accident patterns and plotting.-Knowledge of radiation detection equipment.-Discussions of radiological dispersal devices.-Processes involved in contamination control station operations.-Scope of actions as a radiological emergency team member. Format: Facilitated discussion, lectures supported by video presentations, and group field exercises. Faculty: DNWS Staff and subject-matter-experts. Who Should Attend: Military personnel and Federal employees occupying EOD, NBC defense specialties and career fields, or other emergency response force positions. Registration: Registration form must be received by office 15 working days before class. Time and Location: Report to DNWS at 0730 on class start date Appropriate Dress: Military: BDUs, ADUs, or utility uniform. Civilians: business casual Bring comfortable clothing for field exercises (i.e., PT gear).

PRE-REQUISITE:

COURSE NOTES: NATO, Australia, Singapore students

P173015	A-494-0006	U	EXP SHORE BASED CBRD OPSS	2.6w	PCCH	Port Hueneme, CA
ECL:	80			**EIMET:**	No	

To provide officers, civilians, and enlisted personnel having responsibility for disaster preparedness with the skills necessary to prepare for, defend against, and recover from major accidents and natural or man-made disasters. Course designated as a High Risk course.SCOPE:Training includes the disaster preparedness program; organization and responsibilities; disaster preparedness plan and supporting document preparation; peacetime response and recovery requirements for major accidents and disasters; wartime protection, response and recovery operations; detection, protection, and decontamination due to nuclear, biological, and chemical contamination; chemical warfare defense operations; associated reports, related administrative and supervisory requirements; installation information and training program and inspection program, to include program analysis pertinent to disaster preparedness; and instructor fundamentals. Students will be required to perform in a simulated wartime and peacetime environment wearing actual protective clothing.

PRE-REQUISITE: Pregnant members are not allowed to attend this course due to the nature of the training.Officers (01-03), Enlisted personnel (E5-E8), open to all ratings.Failure to meet any prerequisite may result in disenrollment.Prior to transfer the transferring command will ensure the following:1. Contact lenses may not be worn with the protective masks in hte Chemical Defense Training facility. If corrective lenses are required, students will be issued glass (optical) inserts for yhe chemical protective mask or be able to see 20/40 (near or distant) or better in one eye.Students reporting for instruction must meet Physical Readiness Program standards IAW OPNAVINST 6110.0 series (Body-fat percentage of 22% for males and 30% for females). Students failing to meet this requirement will be dropped from the course.

COURSE NOTES:

P173154	A-830-0396	U	SECURITY REACT FORCE - ADV	2w	PTC6	San Diego, CA
ECL:	70			**EIMET:**	No	

Purpose: To train crew members assigned to Security Reaction Force related duties to protect their unit, it's mission, and it's crew members whether pier side, at sea, or at a air facility from acts of terrorism or sabotage. Team members will learn how to deal with potential threats whether from the pier, small boat, or any other means from penetrating a unit under emergency conditions by utilizing proper reaction force measures and tactical team movements. Scope: The Security Reaction Force - advance course is designed to provide personnel assigned to a security reaction force team the training and education for the prevention of threats, whether from the pier, small boat, or any other means from penetrating a unit in accordance with current naval directives under normal and emergency conditions. This course enables individuals to perform as a security reaction force team leader, to include managing a force protection team member assignments. Ensures members receive necessary training on coordinating team responses and offensive/defensive perimeters. Conduct briefs and debriefs for team and chain of command in accordance with current naval directives under normal and emergency conditions.

PRE-REQUISITE: Students must be graduates Armed Sentry/Security Reaction Force-Basic Course (A-830-0018) OR Navy Security Force Sentry (A-830-2216) AND Security Reaction Force Team Member Basic (A-830-2217) prior to attending SRF-A. Armed Sentry Course (A-830-0033) will be an acceptable substitute for the AS/SRF-B prereq until 1 October 2006. A certificate of completion or proper documentation must be presented on the first day of class. Students must be physically fit and must have passed the last Physical Fitness Assessment (PFA) in accordance with OPNAVINST 6110.1 (series). Students must not be in a Light or Limited Duty (LIMDU) status. Students must hold current weapons qualification for the 9mm pistol and rifle (either M-16 or M-14) IAW OPNAVINST 3591.1 (series), within the last year and present proof of qualification on the first day of class. Qualification must be documented on an OPNAV 3591/1 Small Arms Qualification Record with qualification date and score. No other documentation accepted. Students who are pregnant are not authorized to attend weapons courses as per OPNAVINST 6000.1B. This course has been designated High-Risk in accordance with CNETINST 1500.20 (series). All students must present a completed Physical Activity Risk Factor Questionnaire (PARFQ) form on the first day of class. The completed form shall be signed by a competent medical authority and must be completed within thirty days prior to attending High Risk Training. It is highly recommended that students be in a non-duty status while enrolled in the course.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P173155	A-830-0018	U	ARMED SENTRY/SECURITY REACTION FORCE BASIC	3w	PTC6	San Diego, CA
ECL:	80			**EIMET:**	No	

This course will provide the Armed Sentry the necessary knowledge and skills to control access; detect surveillance; detect, track and assess potential threats; take immediate action; protect personnel and Navy assets as demonstrated in a training scenario, handle weapons safely and handle the intermediate weapon Baton (straight/collapsible) safely, execute safe employment of Oleoresin Capsicum (OC) (i.e. pepper spray), and use basic Empty Hand Control Techniques (EHCT) to include Pressure Point Control Techniques (PPCT).Scope: Topics addressed in this course include the fundamentals of watch standing and use of weapons. Watch standing includes authority and jurisdiction; equipment and logs; detecting surveillance, watch responsibilities and the nomenclature of Baton and Oleoresin Capsicum (OC) canister, and the fundamentals of empty hand control techniques to include Pressure Point Control Techniques (PPCTs). Use of OC (pepper spray) and the intermediate weapon (baton) includes safety, use of deadly force, baton characteristics and operation, OC canister nomenclature, spray patterns, and first aid characteristics. Students will traverse through five (5) separate engagement stations and perform the proper techniques of baton strikes after being exposed to OC (full Level I exposure). Use of weapons includes safety, use of deadly force, weapons characteristics and operation. Students will fire courses of fire outlined in OPNAVINST 3591.1 (series) for the 9mm pistol, shotgun, and M16. This course is designated HIGH RISK IAW CNETINST 1500.20 (series).

PRE-REQUISITE: Students must be physically fit in accordance with OPNAVINST 6110.1 (series) and must not have any medical conditions that interfere with breathing. Must be able to fire weapons from a standing, kneeling, and prone position. Students who are pregnant are not authorized to attend weapons courses as per OPNAVINST 6000.1B. This course has been designated High-Risk in accordance with CNETINST 1500.20 (series). All students must present a completed Physical Activity Risk Factor Questionnaire (PARFQ) form on the first day of class. The completed form shall be signed by a competent medical authority and must be completed within thirty days prior to attending High Risk Training. It is highly recommended that students be in a non-duty status while enrolled in the course.

COURSE NOTES:

P173200	S- 00-2001	U	699 SPECIAL OPERATIONS - MS	78w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The Special Operations Curriculum is designed to provide a focused course of study of the conflict spectrum below general conventional war. Graduates of this curriculum will possess a close knowledge of the broad range of factors involved in the planning and conduct of these forms of conflict and a detailed understanding of the role of special operations and related forces in U.S. foreign and defense policy. The curriculum examines the sources and dynamics of inter-state and intra-state conflict, the challenge these forms of conflict have posed and are likely to increasingly pose for U.S. security planning, the doctrinal and institutional evolution of the U.S. special operations community, the recent history of political violence and small wars in Latin America, Asia, and the Middle East, the history of irregular warfare, and contemporary perspectives on low intensity conflict resolution. These curriculum specific requirements are supported by a larger program of study, which provides the graduate with a broad background in the areas of international relations, comparative strategy, the technological revolution in military affairs, and advanced analytical methods. MS DEGREE PROGRAM. SPECIAL NOTE (1): This training is by "Invitation Only." The U.S. is not committed to this training until Invitation is received for transmittal to the appropriate Country Representative. SPECIAL NOTE (2): Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P173201	S- 00-2001	U	693 CTERR POLICY&STRAT - MA	65w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

This five-quarter curriculum provides an understanding of the nature and dynamics of terrorist organizations, and the domestic and international variables involved in the formulation of counterterrorist policy. The curriculum allows the students to combine a regional focus with comparative courses that discuss terrorist organizations and operations, the financing of terror, legal and policing developments in counterterrorism, intelligence, and the military role in homeland defense.The NSA department is a unique environment in which to pursue this course of studies since its student body is inherently joint and combined, providing students with both a stimulating intellectual environment and an opportunity to establish networks and life-long working relationships with fellow officers from other services and countries. Requirements for Entry: A baccalaureate degree with above-average grades, fluency in written and verbal English, and a minimum TOEFL score of 220 is required for international students.DEGREE: Master of Arts in Security Studies (Counter-Terrorism Policy and Strategy)SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P173401	S- 00-2001	U	694 SECURITY STUDIES - PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Security Studies is an interdisciplinary field based on the traditional academic disciplines of Political Science, History and Economics. The doctoral program in Security Studies seeks to equip students with the skills and knowledge required to do work of the highest professional quality in these areas, with emphasis on understanding the challenges and characteristics of modern security and defense policy. Successful completion of the program requires a minimum of two years of in-residence study beyond the Masters degree, and the completion of a doctoral dissertation of sufficient scope and quality to constitute an original and independent contribution to knowledge. General Degree Requirements: The NSA doctoral program requires approximately one year of formal course work beyond the Masters degree. Required courses include advanced courses on qualitative methods, and a core sequence of seminars in strategic theory, international relations, international political economy, and American foreign policy, supplemented by a program of directed reading intended to prepare the student to take the qualifying examination. Additional courses, chosen to assist student in developing their dissertation topic, or to satisfy specific sponsor requirements will be incorporated based on individual circumstances. Such work will normally include a field of concentration comprised of four or more related courses in a single topical or regional specialty. DEGREE: Doctor of Philosophy in Security Studies.

PRE-REQUISITE:

COURSE NOTES:

P173501	S-830-0026	U	FIRST RESPONDER COURSE	1w	PNCL	Washington, DC
ECL:	70			**EIMET:**	No	

This course of instruction is designed to introduce Naval Security Force personnel who are assigned security and law enforcement duties (First Responders) to new techniques, discuss current techniques (navy wide and SOP) and improve their ability to respond safely and effectively to a variety of law enforcement situations. To enhance the first responder with the necessary training and skill sets to effectively deploy techniques for the protection of personnel and Navy assets. Scope: The Security First Responder Course is designed to provide the patrol officer responding to various law enforcement /crisis situations on Naval installations with new and current techniques and improve their ability to respond safely and effectively. All classroom topics are followed by practical application exercises. Topics available:-Crime Scene and Preservation of Evidence-Observation and Assessment / Field Interview-Use of Force / Deadly Force-Apprehension (Handcuffing, Searching and Transporting)-Bomb Threat Response and Search-Search and Seizure-Building Searches-Vehicle Stops (Traffic / Felony)-Domestic Violence-Survivor Sensitivity / Survivor's Rights-Serious Incident and Accident Response Class Size: Minimum: 18Maximum: 24

PRE-REQUISITE: Prerequisites: Target audience includes: Master at Arms, Naval personnel with NEC 9545, and Civil Service employees in series GS-083. (NO SECURITY CLEARENCE REQUIRED)

COURSE NOTES:

P174002	S- 00-2001	U	372 METEOROLOGY - MS	78w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Science of meteorological data and models, measure, analyze and predict atmospheric conditions, operate and control information management systems. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P174005	A-4A-1112	U	NAVAL CONSTRUCTION FORCE OPERATIONS BASIC COURSE	2w	PCEC	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

This course covers a broad range of Naval Construction Force (NCF) operational and administrative topics at the middle management level. The topics covered in this course are:1. Units of the NCF. 2. Command and Support Relationships.3. Doctrine and the NCF. 4. Operational Planning Requirements. 5. Construction planning and Estimating. 6. Project Management. 7. Quality Control. 8. Safety. 9. Environmental Mgt. 10. Supply. 11. Table of Allowance. 12. Equipment Management. 13. Maintenance and Material Mgt (3M). 14. Training and Readiness. 15. ABFC Systems. 16. Current NCF Operations. 17. Embarkation Operations. 18. Seabee Camp Turnover. 19. NCF Communications. 20. Defensive Security Concepts. 21. Company Command Post Operations. 21. Leadership Perspectives. This course includes a comprehensive written exam and a practical exercise that tests the students ability to monitor, delegate and follow-up with assigned tasks. SCOPE: The Naval Construction Force Operations Basic course is designed to prepare first-tour Officers and Chief Petty Officers with basic knowledge and skills needed to perform leadership and management duties upon reporting to a Naval Construction Force unit. Classroom and laboratory instruction will be provided in construction and contingency planning and operations, Naval Construction Force, and force programs, under normal conditions.

PRE-REQUISITE: Officers of other designators and non OF-13 Chief Petty Officers assigned or ordered to a Naval Construction Force unit. E6 personnel assigned to a Naval Construction Force unit may be selected based on availability of seats. Active duty and reserve civil engineer corps (510x, 653x, 753x) officers (O1-O4). Seabee OF-13 Chief Petty Officers.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P174011	S- 00-2001	U	440 OCEANOGRAPHY - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS degree program. Develop expertise to provide and use data and models in support of all aspects of at-sea operations. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P174012	S- 00-2001	U	440 OCEANOGRAPHY - PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

PHD program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P174013	S- 00-2001	U	374 OP OCEANOGRAPHY - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS Degree program. Understanding the effects of oceanic and atmospheric properties and conditions on weapon, sensor and platform performances, with emphasis on ocean acoustics. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P174015	S- 00-2001	U	308 SYSTEMS/ENGINEERING AND ANALYSIS - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS Degree Program. This curriculum is designed for combat officers, and will enable the student to exploit emerging technologies to achieve war-fighting advantages. The students will blend their operational experience with a thorough technical education to expeditiously integrate new technological capabilities into operational applications. The officer will be able to evolve current tactics and doctrine to expeditiously leverage imminent technological advances. This war-fighting oriented program provides a solid understanding of the principles and applications of systems engineering, and employs these principles to gain insight into operational problems. This program includes a core of courses, in fields of modeling, simulation, weapons, and sensors, that will enhance understanding and analysis of selected case studies and weapons systems. The program is designed as a highly integrated graduate education experience. There will be lectures, team projects, and individual research as well as seminars from visiting experts. Each arriving officer is evaluated for existing knowledge, skills and competencies and an individual course of study developed. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P174022	S- 00-2001	U	721 SYSTEMS ENGINEERING MGMT/PRODUCT DEVELOPMENT - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The Naval Postgraduate School (NPS), as a partner in the Massachusetts Institute of Technology's (MIT) "Educational Consortium for Product Development Leadership in the 21st Century" (PD21), is delivering a joint executive systems engineering management degree using distance learning methods to military officers, senior enlisted, federal civilians and a limited number of defense contractor civilians. The program's joint focus is on joint services, joint engineering-management and joint government-industry. The joint executive SEM-PD21 degree program is modeled after the prototypic graduate program developed by MIT jointly between their School of Engineering and Sloan School of Management. The executive SEM-PD21 degree is designed to produce a cadre of change agents skilled in engineering and management to bring about dramatic improvements in the way American corporations and the defense industry develop and build new systems and products. Participants in this unique program are exposed to state-of-the-art concepts and tools, as well as world-class companies, leaders, and cross-industry best practices. Students acquire the foundation skills and strategic perspective necessary to become future leaders and senior managers responsible for driving product development and business growth through innovation, and become effective change agents at their companies. They develop a mindset receptive to change and continuous improvement, an understanding of the enablers to business success, and an enhanced ability to recognize barriers to success early in the product development cycle when corrective actions are least costly. The SEM-PD21 curriculum is an eight-quarter distance learning curriculum with entry in the Fall quarter, which begins in late September with an onsite two-week kickoff at NPS in Monterey, CA. After the kickoff, classes are taken at students' sponsoring command locations by video teleconferencing or online. Students are expected to participate in two-three industry trips during the two-year course of study and a graduation ceremony in Monterey at the completion of the program. There will also be occasional Systems Engineering and Product Development seminars for all SEM-PD21 students within their existing course of study. SEM-PD21 website: http://www.nps.edu/dl/NPSO/degree_progs/PD21.htmlDegree - Master of Science Systems Engineering Management, Product Development (MSSEM/PD21) Course Start: Fall quarter Quotas: Limited to 30 students per year.

PRE-REQUISITE: For entry, the student must hold an undergraduate degree in engineering, or a related scientific or technical field, with high academic achievement. The student must be sponsored by an organization committed to supporting the student's full participation and have at least five years of experience directly related to product development (three years if student holds a master's degree). The application requirements can be found at the joint executive SEM-PD21 website at: http://www.nps.edu/dl/NPSO/degree_progs/PD21.html

COURSE NOTES:

P174052	A- 4A-0010	U	CEC OFF BAS QUAL	7w	PCEC	Port Hueneme, CA
ECL:	75			**EIMET:**	No	

To orient the new CEC officer to the role of the CEC in the Navy and to prepare them to be immediately effective upon assuming the duties of their first CEC billet. During four weeks of the course, subject matter common to all BASIC students is covered to provide a knowledge of fundamental principles intrinsic to any CEC billet. Topics included are: engineering management, CEC officer orientation, financial management, organization and responsibilities of NAVFAC, construction technology & scheduling, professional development military/civilian personnel considerations, and leadership/human relations. One week is designated as the Military Training phase, where students are subjected to small-arms training and a field exercise which gives the overview of Seabee operations. NOTE: STUDENTS SHOULD BE PREPARED FOR ADDITIONAL FOOD COSTS AS FOLLOWS: $50 FOR MRE FOOD FOR ONE WEEK FIELD EXERCISE; $10 FOR FOOD PROVIDED AT MANDATORY ATTENDANCE AT BASEBALL GAME; $10 FOR FOOD PROVIDED AT MANDATORY MUSEUM TOUR.

PRE-REQUISITE:

COURSE NOTES:

P174072	A-730-0011	U	EO C-1 ADV	13w	PCCH	Port Hueneme, CA
ECL:	80R			**EIMET:**	No	

Provides the advanced technical skills and principles of job management necessary to qualify for assignment as a trade crew leader on a construction project. Includes principles and techniques of mathematics related to earthwork and equipment production, earthwork and equipment production effectiveness; advanced principles of earthwork; advanced principles of asphalt mixing and paving; techniques of increasing production rate; operation, adjustment, and servicing of asphalt distributors; pavers; cranes with attachments; crawler and wheel tractors with attachments; motorized graders; road rollers; scrapers, and principles and techniques of foremanship. THIS COURSE IS NOT DESIGNED FOR OFFICERS. THE ARMY/AIR FORCE O-2 BELOW MAY ATTEND

PRE-REQUISITE:

COURSE NOTES: It is MANDATORY that any International Military Student (IMS), requesting to attend this course, provide a credit card number to the IMSO 30-days before their arrival date so as to secure the IMSs lodging.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P174073	A-412-0015	U	ADV ENGINEERING AID (ADV EA)	10w	PCCG	Gulfport, MS
ECL:	70			**EIMET:**	No	

To provide the advanced technical skills and principles of job management necessary to qualify for assignment as a trade crew leader on a construction project. SCOPE: Advanced and supervisory instruction in the four major areas of EA rating. CONSTRUCTION DESIGN/DRAFTING: Familiarization of engineering terms and design computation such as: load and load capacity determination of a structural member, reinforced concrete design, sanitary and plumbing design. SURVEYING: Fundamentals of triangulation, building and route layout and surveying, drainage and airfield design, topographic surveying and mapping. PLANNING, ESTIMATING AND SCHEDULING: Material, labor and equipment estimating with emphasis on construction scheduling, production control, resource management, and progress reporting. QUALITY CONTROL: Site determination for construction through soils exploration, field and laboratory testing of soils, aggregates, concrete and asphalt and design of concrete and asphalt mixes based on ASTM standards. Field inspection of construction projects is covered in this course.

PRE-REQUISITE: All candidates must have credit in a course in trigonometry. Compliance with TRANSMAN Chapter 7 is mandatory.

COURSE NOTES:

P174209	A-710-0011	U	BU C-1 ADV	10w	PCCH	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

To provide Occupational Field 13 Petty Officer, Chief Petty Officer and Navy civilian personnel with the knowledge and advanced technical skills and principles of job management necessary to qualify for assignment as a trade crew leader on a construction project. Includes advanced instruction in mathematics; mixing, placing, finishing, curing, and testing concrete. Form construction; masonry construction; foundation construction; framing of floors, walls, stairs, and roofs; installation of interior and exterior trim; preparation of surfaces and painting; application and maintenance of hot and cold roofing; erection of water front, heavy timber and advance base structures; operation and maintenance of shop tools and equipment; shop management and layout; job planning; estimating, and material take off; construction safety and first aid; and techniques of foremanship. THIS COURSE IS NOT DESIGNED FOR OFFICERS.THE ARMY/AIR FORCE O-2 BELOW MAY ATTEND

PRE-REQUISITE:

COURSE NOTES: It is MANDATORY that any International Military Student (IMS), requesting to attend this course, provide a credit card number to the IMSO 30-days before their arrival date so as to secure the IMSs lodging.

P174226	A-710-0010	U	INTERSERVICE BUILDER APPRENTICE TRAINING CLASS "A"	9.6w	PCCG	Gulfport, MS
ECL:	70			**EIMET:**	No	

Provides apprentice level training in concrete construction, masonry construction, light frame construction, interior and exterior finish, heavy timber bridge construction, and pre-engineered building construction.

PRE-REQUISITE:

COURSE NOTES:

P174233	S- 00-2001	U	460 ENGINEERING SCIENCE REFRESHER	13w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Prepares students for entry into a technical program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P174235	S- 00-2001	U	373 METEOROLOGY & PHYSICAL AIR-OCEAN SCIENCES-MS	130w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS degree program. Thorough understanding of the principles governing the physical and dynamic properties of the ocean and atmosphere. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P174238	A-710-0022	U	CONSTRUCTION INSPECTOR	8w	PCCH	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

To provide Occupational Field 13 Petty Officer, Chief Petty Officer and Navy civilian personnel with the knowledge and skill factors to review and analyze project construction drawings and specifications and prepare a Construction Inspection Plan including a checklist of inspection points during critical phases of construction and installation. Verify that all materials and/or equipment ordered meet specifications and verify their conformance to those specifications upon receipt. Inspect all phases of construction and installation, including civil, architectural and structural, electrical and mechanical, for compliance with drawings, specification and acceptable safe operating, installation and construction practices. Coordinate and observe specified tests on materials, electrical and mechanical systems (including operational tests on installed equipment) and ensures the contractor performs quality control tests on such items as sub base materials, aggregates and cementitious binders and on related mixes before, during and after installation. Upon receipt of all test results, the inspector analyzes the results for compliance with the specifications, prepare logs, records and reports on all inspections and tests. Scope: Construction Administration Details duties and responsibilities of the construction inspector throughout the various types of Navy inspection organizations, such as ROICC, public works, naval construction forces. Items dealt with include: Contract management, planning for contract compliance and safety, turnover and acceptance of work, damages, claims, labor standards and standards of conduct. Site work Details duties and responsibilities of the construction inspector as they pertain to site control surveys and preparation of sub base materials for construction, installation of sub grade utilities, soils stabilization, flexible and rigid pavements and landscaping. Structural/Architectural Details duties and responsibilities of the construction inspector in the acceptance of materials and the inspection of products covering concrete, masonry, structural steel, light ad heavy wood products, roofing, hardware, interior and exterior finishes, and specialty items. Electrical Details duties and responsibilities of the construction inspector in the acceptance of materials and the inspection of products concerning primary power distribution, interior electrical services and communications. Mechanical Details duties and responsibilities of the construction inspector in the acceptance of materials and the inspection of products concerning plumbing both portable service and waste collection, refrigeration and HVAC systems. THIS COURSE IS NOT DESIGNED FOR OFFICERS. THE ARMY/AIR FORCE O-2 BELOW MAY ATTEND

PRE-REQUISITE: Rate: BU, CE, EA, EO, SW AND UT

COURSE NOTES: It is MANDATORY that any International Military Student (IMS), requesting to take this course, provide a credit card number to the IMSO 30-days before their arrival date so as to secure the IMSs lodging.

P174250	A-412-0010	U	EA-A-SCH	14.2w	PFLW	FT Leonard Wood, MO
ECL:	70			**EIMET:**	No	

Provides basic knowledge and skills in preparation for immediate usefulness as Engineering Aids. Construction surveying using conventional equipment, and the automated survey instruments for military construction to include: project mapping operations, construction support surveys, road operations, road construction, and building/utilities layout surveys. Conventional and Computer Aided Drafting (CAD) to include: applied engineering graphics, architectural, and structural. Use of soils, and concrete test sets for obtaining information on materials used for site evaluation, design, and construction.

PRE-REQUISITE:

COURSE NOTES: CANDIDATE MUST HAVE BASIC KNOWLEDGE AND UNDERSTANDING OF MATH TERMINOLOGY, UNITS OF MEASUREMENTS, ALGEBRA, GEOMETRY, TRIGONOMETRY, METRIC SYSTEMS AND CONVERSION.

P174270	S- 00-2001	U	580 SYSTEMS ENGINEERING	117w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

580 SYSTEMS ENGINEERING (MASTER OF SCIENCE IN SYSTEMS ENGINGEERING) Systems Engineering at NPS provides a broad education in systems engineering methods and tools, and depth in a particular domain of application. Several domain tracks are offered, including combat systems engineering, ship systems engineering, and network-centric systems engineering. Other tracks are added, based on sponsor and student demand. The tracks consist of eight or more courses to gain depth in the domain area. These tracks complement the standard set of systems engineering courses. The curriculum is interdisciplinary and draws on courses from across campus. Graduates will: Demonstrate the ability to identify, formulate, and solve operational, technical, and engineering problems in Systems Engineering and related disciplines using the techniques, skills, and tools of modern practice, including modeling and simulation. These problems may include issues of research, design, development, procurement, operation, maintenance or disposal of systems and processes for military applications. Demonstrate proficiency in the systems engineering process, including defining requirements, conducting functional analysis, designing and architecting a system, analyzing it against requirements, allocation of requirements to sub-systems, conducting trade-off studies, determining the cost of the system, integrating human factors into the system, designing logistical supportability, and planning for its testing and evaluation. Demonstrate proficiency in core skills of systems analysis, to include deterministic and stochastic modeling of systems, optimization, decision analysis, risk analysis, economic models, and lifecycle supportability analysis. This includes familiarity with combat simulations and combat modeling. Demonstrate the ability to work as a team member or leader in a large systems engineering project, and to provide leadership in the systems engineering management process. The graduate must be able to interact with personnel from other services, industry, laboratories and academic institutions. Students come from the uniformed services, civilian members of government, and from foreign military services. US Navy Engineering Duty Officers constitute a substantial portion of the students. Course Start: July of each year. Course Pre-requisites: Undergraduate degree, any discipline, or equivalent Engineering preferred. Degree: Master of Science in Systems Engineering

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175000	B- 6C-1110	U	PERIODONTICS FOR GENERAL DENTIST	0.6w	PDCD	San Diego, CA
ECL:	80			**EIMET:**	No	

Designed to update practitioners on the state-of-the-art in periodontal diagnosis, etiology of the periodontal diseases, integration of periodontics into multi-disciplinary plans for treatment, execution of non-surgical and surgical treatment, and provision of short and long term periodontal supportive treatment. Scope: Topics covered will include the periodontium in health and disease, etiological factors of the periodontal diseases, principles of periodontal surgery, principles and techniques in maintaining osseointegrated dental implants, integrated treatment for incipient to advanced periodontal disease with all other therapies for clinical patients, and periodontal treatment for patients as a part of routine general practice.

PRE-REQUISITE:

COURSE NOTES: This course offered during even fiscal years (i.e. 2006, 2008, 2010) Continuing Education Credits are given by the Academy of General Dentistry and the American Dental Association. Full course credit cannot be given to early departees. Continuing Education Credit - 21 hour maximum.

P175001	B- 6C-1018	U	DIAGNOSIS AND TREATMENT STRATEGIES OF OCCLUSION	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

To update skills directed at the general dentist. Scope: This course will clarify the relationships between TMJ mechanics, jaw movement, occlusal schemes, the periodontium and the functional needs of patients. Through clinically orienteddiscussions, clinical laboratory exercises and clinical "hands-on" sessions, participants will focus on the application of occlusal concepts, principles of articulation, determinants of mandibular movement and occlusal assessment. Case studies in occlusal management will be presented by the staff to emphasize various treatment strategies. Participants, working in small groups, will analyze selected cases utilizing learned treatment planning skills and the principles of problem-based learning. Each participant will apply an understanding of the process of occlusal adjustment by equilibrating provided mis-mounted stone casts. In addition, participants will fabricate and deliver stabilization splints for each other. This highly participative course is designed for the general dentist who wants to understand a subject that mystifies many and for specialists who would like to re-explore occlusal concepts.

PRE-REQUISITE: Maximum continuing education credit-35 hours.

COURSE NOTES:

P175002	A- 4N-0018	U	RECOGNITION AND TREATMENT OF DIVING CASUALTIES	2w	PDIV	Panama City, FL
ECL:	80R			**EIMET:**	No	

The recognition and treatment of diving casualties course is designed to provide medical officers with the basic training necessary to safely and effectively perform as a medical advisor for hyperbaric treatments and to effectively evaluate divers and diver candidates prior to diving. Prepares medical officers in identifying diving diseases and injuries, and initiating the appropriate treatment, performing appropriate diving medical examinations and performing as an inside tender for hyperbaric chamber operations.

PRE-REQUISITE: Students are required to maintain a minimum ECL requirement of 80 to attend this course. Must pass the prerequisite physical screening test as found in MILPERSMAN 1220-100. Test will be administered the second day of training. SPECIAL INFO: Physical examination forms DD 2808 and DD 2807-1 should be forwarded to NAVDIVESALVTRACEN Medical Department 45 days before the class convening date for review. A point of contract name should accompany each physical. Report one working day prior to the convening date for administrative processing. Be prepared to participate in daily strenuous exercise.

COURSE NOTES:

P175007	B- 6C-1008	U	ORAL MEDICINE AND ORAL PATHOLOGY	0.8w	PDCD	San Diego, CA
ECL:	80			**EIMET:**	No	

Provide a review and update of the local and systemic diseases that affect the oral and paraoral tissues. Scope: This covers the five major areas of disease: developmental, inflammatory, metabolic, neoplastic, and miscellaneous. Continuing Education Credits are given by the Academy of General Dentistry and the American Dental Association. Full course credit cannot be given to early departees. Continuing Education Credit - 28hour maximum.

PRE-REQUISITE: Federal Agency dentists and a limited number of civilian dentists. The class of participants will be divided into three smaller Conferences. These conferences, clinic pathologic in nature, will informally discuss cases that deal with different aspects of the disease. Maximum continuing education credits-35 hours.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175008	B-322-1077	U	OPERATIONAL ENTOMOLOGY TRAINING	2w	PNDV	Jacksonville, FL
ECL:	70			**EIMET:**	No	

Purpose: To provide military public health and preventive medicine professionals the knowledge and skills needed to establish, under extraordinary conditions, a temporary public health pest management program safely, effectively and in as environmentally sound manner as conditions allow. Scope: Geographic distribution of vector-borne disease threats; the philosophy of operational public health pest management; mastery of surveillance and control equipment and material; interpreting surveillance data; introduction to the diversity of biology and habits of vector species worldwide; mastery of vector control mathematics; planning and execution of arthropod and vertebrate pest management programs; accessing relevant information; team-based scenario solutions and field exercises.

PRE-REQUISITE: Suggested Pre-Requisite: Course: B-322-1050 MEDICAL ENTOMOLOGY AND PEST MANAGEMENT TECHNOLOGY MASL TBD Course: B-322-0012 PREVENTIVE MEDICINE TECHNICIAN - MASL P175509 State or Federal Certification in EPA Pesticide Applicator Category 8, Public Health Pest Control; or responsibility within DoD, through training or position, for the oversight of deployed preventive medicine personnel. NOTE: This course assumes a significant level of prior knowledge in public health pest control. Attendees holding current EPA category 8 license may test for recertification at the conclusion of this course with prior approval of the schoolhouse and the issuing authority.

COURSE NOTES:

P175010		U	PASTORAL CARE RESIDENCY (PCR) ~ WEST COAST	56w	PCDV	San Diego, CA
ECL:	70			**EIMET:**	No	

Pastoral Care Residency (PCR) - Clinical Pastoral Education (CPE) program is to train future Clinical Chaplains in Pastoral Care and Counseling. Upon successful completion of the PCR - CPE program the Chaplain will be eligible to apply for 'Board Certified Chaplain' through Association of Professional Chaplains (APC). During the PCR-CPE year the Chaplain will receive:- Weekly classroom lectures pertinent to Clinical Ministry.- 400 hours (100 hours per quarter) of structured group and individual Clinical Supervision from an ACPE Supervisor.-Weekly Individual and Group Clinical Verbatim (Written Case: Reflection reports).- 1,200 hours (300 hours per quarter) of direct Clinical Pastoral Care, pertinent research, and preparation.-Standing Duty (An in-hospital after hours watch) 3 times per month.-2,800 pages of professional reading (700 pages per Quarter). 395 days (13 months); to be done continuously and sequentially. Some consideration can be given if the Chaplain is coming from a deployment; must be cleared first. - September General orientation to Naval Medical Center San Diego and VA San Diego Medical Center, La Jolla, California 1st Quarter - October - December December - January (2 wk break from PCR-CPE with liberal leave.) 2nd Quarter- January - March March - April (2 wk break; Residents should expect to attend professional conferences.) 3rd Quarter - April - June June - July (2 wk break from PCR-CPE generally for leave/house hunting.) 4th Quarter - July - September September (Last 10 days, check-out and graduation.)

PRE-REQUISITE: Military Chaplain on Orders to the PCR-CPE program.- At least a Masters of Divinity or equivalent Graduate degree.- Endorsed by their specific faith tradition for full time ministry.- Sufficient general - staff Chaplaincy experience; typically about nine years.

COURSE NOTES:

P175011		U	PASTORAL CARE RESIDENCY (PCR) ~ EAST COAST	56w	PNMC	Portsmouth, VA
ECL:	70			**EIMET:**	No	

Pastoral Care Residency (PCR) - Clinical Pastoral Education (CPE) program is to train future Clinical Chaplains in Pastoral Care and Counseling. Upon successful completion of the PCR - CPE program the Chaplain will be eligible to apply for 'Board Certified Chaplain' through Association of Professional Chaplains (APC). During the PCR-CPE year the Chaplain will receive:-Weekly classroom lectures pertinent to Clinical Ministry.-400 hours (100 hours per quarter) of structured group and individual Clinical Supervision from an ACPE Supervisor.-Weekly Individual and Group Clinical Verbatim (Written Case: Reflection reports).-1,200 hours (300 hours per quarter) of direct Clinical Pastoral Care, pertinent research, and preparation.-Standing Duty (An in-hospital after hours watch) 3 times per month.-2,800 pages of professional reading (700 pages per Quarter). 395 days (13 months); to be done continuously and sequentially. Some consideration can be given if the Chaplain is coming from a deployment; must be cleared first. - September General orientation to Naval Medical Center Portsmouth and Hampton Veterans Administration Medical Center. 1st Quarter - October - December December - January (2 wk break from PCR-CPE with liberal leave.) 2nd Quarter- January - March March - April (2 wk break; Residents should expect to attend professional conferences.) 3rd Quarter - April - June June - July (2 wk break from PCR-CPE generally for leave) 4th Quarter - July - September September (Last 10 days, check-out and graduation.)

PRE-REQUISITE: Military Chaplain on Orders to the PCR-CPE program.- At least a Masters of Divinity or equivalent Graduate degree.- Endorsed by their specific faith tradition for full time ministry.- Sufficient general - staff Chaplaincy experience; typically about nine years.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175014	B- 6C-1005	U	ORAL SURGERY FOR GENERAL DENTISTS	0.6w	PDCD	San Diego, CA
ECL:	70			**EIMET:**	No	

This course is designed for the general practitioner and the exodontist who is interested in the latest advances in clinical outpatient oral surgery. Topics covered will include medical evaluation of the surgical patient, management of the medically compromised patient, treatment of medical emergencies in the dental operatory, basic and complicated exodontia technique, management of post-operative complications, recognition and treatment of odontogenic infection, antibiotic therapy, biopsy technique, diagnosis and treatment of facial fractures, management of facial soft tissue trauma, dental implants, extraoral/panoral radiography overview of orthognathic surgery and the recognition of common oral pathoses.

PRE-REQUISITE:

COURSE NOTES:

P175015		U	EMERGENCY WAR SURGERY	1w	PWHM	FT Sam Houston, TX
ECL:	80			**EIMET:**	No	

Describe the common patterns of battlefield injuries and be familiar with their surgical management -- Discuss a variety of battle damage control techniques -- Define the concept of forward resuscitative measures in the management of battlefield casualties and evacuation -- Perform basic emergency opthalmologic, orthopedic and neurosurgical procedures through "hands-on" instruction by surgical specialists in a cadaveric lab. --Demonstrate expertise in performing an exploratory laparotomy for trauma through a variety of simulated injuries in the pig lab.--Demonstrate the principles of ultrasound techniques in a combat trauma patients using didactics and simulation lab.-- Demonstrate ability to manage multiple battlefield casualties in a simulated mass casualty exercise. LOCATION: Wilford Hall Medical Center Lackland AFB, TX Orthopedic Clinic Conference Room (basement) Unit funded Temporary Lodging Facility (TLF) Contact number: 210-671-2556/5397 Uniform: ACU, BDU, DCU Books, schedule and course material will be distributed at registration on the first day.

PRE-REQUISITE:

COURSE NOTES:

P175016	B- 6C-1022	U	ORAL/MAXILLOFACIAL PATHOLOGY	0.6w	PDCB	Bethesda, MD
ECL:	70			**EIMET:**	No	

Review/update of local and systemic diseases that affect oral and maxillofacial tissues, emphasis given to development of meaningful clinical differential diagnosis and effective two-way communication between clinician and oral/maxillofacial pathologist. Course covers five major categories of disease: Developmental, inflammatory, metabolic, neoplastic, and infectious. Participants will participate in no less than two clinic pathologic sessions. Additional emphasis, when appropriate, will be placed on adjunctive special laboratory studies, biopsy technique, histopathology and rationale used to arrive at a final diagnosis.

PRE-REQUISITE:

COURSE NOTES:

P175017		U	ORAL & MAXILLOFACIAL SURGERY REVIEW FOR SURGEONS	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

This course differs from the Oral and Maxillofacial course, in that it prepares Oral Surgeons specifically to take their Oral Boards.
Concentrated lectures covering frequently examined topics along with group and individual study sessions will assist the well-prepared candidate toward board certification.

PRE-REQUISITE: Active duty Navy Oral and Maxillofacial Surgeons who are board-eligible and plan to take the Part II examination (Orals) of the American Board of Oral and Maxillofacial Surgery in 2010. Other military and Federal agency Oral and Maxillofacial Surgeons, who will be taking the Part II examination (Orals) of the American Board of Oral and Maxillofacial Surgery in 2010 are invited to enroll in the lectures and study session portion of the course. Non-federal agency dentists will only be accepted on a "space available" basis. Candidates are encouraged to attend the O&M Pathology course held 01-015 Feb 2010. Non-federal agency dentists will only be accepted on a "space available.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175018		U	HEALTH EMERGENCIES IN LARGE POPULATIONS (H.E.L.P.)	3w	PHIC	Honolulu, HI
ECL:	80			**EIMET:**	No	

The Health Emergencies in Large Populations (H.E.L.P.) Course is hosted by the Center for Excellence in Disaster Management and Humanitarian Assistance in collaboration with the International Committee of the Red Cross (ICRC) and with the partnership of University of Hawaii at Manoa's Office of Public Health Studies. The three week (120 hour) program emphasizes an understanding of the major issues to be addressed in complex emergencies and natural disasters, to include: key players responding to international emergencies; lessons learned from previous complex emergencies and natural disasters; key public health issues; health services; application of health systems strengthening components to complex emergencies; concerns of refugees and internally displaced persons; international humanitarian law; human rights; security issues; civil-military operations, and; measures of effectiveness. The H.E.L.P. Course is designed to be an intensive, focused-learning experience. This course is designed for rising, mid-level professionals and leaders working within organizations that plan and execute peacekeeping, civilian health emergency and disaster relief operations, or develops and implements such policy, or conduct educational/training programs in support of these operations. At the end of this course, participants will be better prepared for participation in responses to complex emergencies and natural disasters in a multi-national coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Notes: Civilian clothing is recommended for the course (no uniforms required).Lodging provided through the University of Hawaii at Manoa is not suitable for participants to live with dependents. It is recommended that those who wish to bring their dependents find suitable lodging off-campus at their own expense. No transportation will be required from the lodging arrangements to the conference center where the course will be held. Participants that wish to travel outside of the campus will have access to public transportation and car rental agencies at their own expense. Parking passes are available on request and are provided at a minimal, additional cost. A meal card will be given to each participant living on campus, which can be used at participating eateries found throughout the campus.

PRE-REQUISITE:

COURSE NOTES:

P175019		U	MASTER'S IN HEALTHCARE ADMINISTRATION AND POLICY	104w	PTMD	Bethesda, MD
ECL:	70			**EIMET:**	No	

The Masters in Healthcare Administration and Policy (MHAP) is designed to be the premier provider of health policy and administration education for the Military Health System, federal health policy partners and Allied Host Nation personnel. We are committed to leadership in academics, research and scholarship. Our faculty and staff provide an innovative approach to graduate education by offering access to top policy-making federal government agencies, think-tanks, universities, and speakers in the National Capital Area. Graduates of this program are uniquely situated for major leadership roles in health policy and administration. The MHAP contains both a didactic and residency phase. The first year is composed of 5 academic quarters totaling 63 credit hours. During this year, students will engage in an in-depth approach to the study of healthcare policy, applied science, global health, measures of effectiveness and leadership. The second year of the program consists of an administrative residency and is meant to provide practical experience in healthcare administration, policy, and leadership. Preceptors, along with the Residency Director of the MHAP, will team to provide a customized residency experience that will meet not only the requirements for graduation, but the professional development needs of the individual resident. Residency rotations are 12 months in duration and potential opportunities will be available at sites including major tertiary healthcare facilities, major research facilities, DoD and federal healthcare / policy agencies, and policy think-tanks. Special Notes: There is an administrative residency component that must be completed prior to the Degree being conferred.

PRE-REQUISITE: Selection criteria include, but are not limited to, past academic performance, rigor of undergraduate and/or graduate preparation, standardized test scores (GRE or GMAT), letters of recommendation, letter of intent (writing sample), professional experience, fit with the program, and any additional evidence of potential academic success.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175020		U	HUMANITARIAN ASSISTANCE RESPONSE TRAINING (HART)	0.6w	VAR	
ECL:	80			**EIMET:**	No	

The Center for Excellence in Disaster Management and Humanitarian Assistance (COE) offers a custom-designed workshop course entitled "Humanitarian Assistance Response Training (HART)" exportable on demand to all Security Assistance (SA) eligible countries. The Humanitarian Assistance Response Training (HART) is an introductory course designed to provide military service members and civilian agencies with information about military support to civilian-led international disaster response and humanitarian assistance operations in times of peace and insecurity. Graduates of this course will be better prepared to plan and execute disaster response and humanitarian assistance missions, as prescribed by their commands, in theaters of operations.Course ObjectivesThe key objectives of the course are to provide to participants instruction and technical assistance on: (1) The key responding agencies from the Affected State, Assisting States, Assisting State military forces and the Humanitarian Community, and their respective roles, responsibilities and obligations in international humanitarian assistance and disaster response operations;(2) The fundamental principles followed by the Humanitarian Community in international response operations, including the Principle of Do No Harm, which influences every aspect of their planning and operations;(3) International response coordination principles and mechanisms utilized in international response operations, including Humanitarian Civil-Military Coordination (UN CMCoord) and the Cluster Approach;(4) Identifying who are the populations affected by disaster or humanitarian crises, what are their respective rights and who is responsible for their care, maintenance and protection under International Law;(5) Disaster Management principles and issues, including response, recovery, preparedness and mitigation; and(6) Medical and Public Health issues in humanitarian assistance and disaster response operations.The three-day (24 hour) program emphasizes an understanding of the major responders, lessons learned from previous disaster response and humanitarian crisis emergencies, key public health issues, issues relating to the care and protection of refugees and internally displaced persons, International Humanitarian, Human Rights, Disaster Response and Refugee Law, security issues, civil-military coordination of operations, and measures of effectiveness as the primary topics, practiced in a table top exercise during the course.COE's instruction will be consistent with graduate-level professional programs. The course is designed to be an intensive, focused-learning experience. Once students complete this course, they will be familiar with UN, regional, multi-national and humanitarian interagency coordination, public health, security and disaster management. This course is designed for personnel serving in leadership positions of military commands or civilian organizations that plan and execute Disaster Response, Humanitarian Assistance and/or Peace Support operations, or develop and implement such policy, or conduct educational/training programs in support of these operations. At the end of this course, the students will be better prepared for participation in disaster response and humanitarian crisis emergencies in a multi-national, coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements.Faculty teamsCOE task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, COE faculty teams are relatively small (two to four individuals) consisting of proven civilian and military subject-matter experts. TranslationThe course will be taught in English. Where necessary, the course can be delivered with simultaneous interpretation into the target language as provided by the requesting agency. An English Comprehension Level (ECL) score of 80 is required. Cost The cost of the course is based on enrollment (plus travel and per diem expenses or translation services if requested.).

PRE-REQUISITE:

COURSE NOTES:

P175111		U	MULTISTA DISORIENT LAB	0.2w	PAMI	Pensacola, FL
ECL:	80			**EIMET:**	No	

The Device 9B6 introduces each student to the motion and visual disorientation that is associated with flight by stimulating the optical, vestibular, and proprioceptive senses. Device 9B6 consists of a round platform that spins at two-five mph while the students sit in individual modules that turn on the platform which causes visual and vestibular phenomena. Device 9B6 had ten student stations. Each is a separately enclosed capsule with a communications system, various lighted displays, and a "joystick" for the students input on their perceived attitude.

PRE-REQUISITE:

COURSE NOTES:

P175113	B- 6H-1300	U	PHYSIOLOGIST CRS	10w	PAMI	Pensacola, FL
ECL:	80A			**EIMET:**	No	

The mission of the Student Naval Aerospace Physiologist Course is to develop the knowledge, skills, and self-confidence essential for officers involved in the support of an Aviation Physiology Program. Training includes hypobaric chamber operations, aeromedical aspects of flight, visual problems, spatial disorientation, protective life support and rescue equipment, emergency egress systems, operation and maintenance of training devices, instructor techniques and administrative skills. Environmental physiology, aviation medicine, and selected operational medicine topics are taught concurrently with the Student Naval Flight Surgeon Course. Course is for officers with an education level of Masters Degree or equivalent experience. For enlisted training, the 10-week course is "Aviation Physiology Technician."

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175203	B- 6C-1014	U	DENTAL-ENDODONTICS	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

To update skills directed at the general dentist.

PRE-REQUISITE:

COURSE NOTES:

P175204	B- 6C-1025	U	PROSTHODONTICS	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

To update skills directed at the general dentist. Scope: A 5-day course in prosthodontics designed for the general practitioner. The course will cover a broad spectrum of treatment, from basic concepts to more advanced procedures and treatment. Throughout the course, diagnosis and treatment planning will be emphasized. Current treatment modalities and materials pertinent to prosthodontics will also be presented.

PRE-REQUISITE: Maximum continuing education credit-35 hours.

COURSE NOTES:

P175206	B- 6C-1021	U	ORAL MED,RADIOLO,PHARMACO	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

This course will enhance skills essential for the collection of diagnostic data in a systematic, logical fashion. Special emphasis will be placed on obtaining medical and dental histories, vital signs, review of organ systems, physical diagnoses, the head and neck examination, laboratory studies, the indications for and limitations of radiographic evaluations, definitive or differential diagnoses of oral lesions, and the dental management of selected medically compromised patients. Additional time will be added to present the fundamental principles of proper radiographic technique, as well as a meaningful approach to radiographic interpretation.

PRE-REQUISITE:

COURSE NOTES:

P175207	B- 6C-0014	U	OROFACIAL PAIN	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

This advanced course will provide clinicians with practical guidelines for the initial evaluation and non-surgical managements of patients with temporomandibular disorders (TMDs) and orofacial pain.

PRE-REQUISITE:

COURSE NOTES:

P175225	B- 6C-1023	U	ORAL/MAXILLOFACIAL SURGERY	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

This course will update the general practitioner s knowledge of exodontia and minor oral surgery procedures, and provide an understanding of recent advances in major oral and maxillofacial surgery in the areas of trauma, preprosthetic osseointegration and orthognathic surgery.

PRE-REQUISITE:

COURSE NOTES:

P175302		U	STRESS & ANGER MANAGEMENT	2w	PAMI	Pensacola, FL
ECL:	70			**EIMET:**	No	

To provide students with the means of recognizing signs and symptoms of stress and the ability to cope with it through relaxation techniques, diet and exercise, assertiveness, time management, how to study and how to avoid burnout. Anger management includes discussion, audiovisuals and assignments in such topics as causes of anger, history, responses, acceptable ways to handle criticism and anger aggression vs. assertiveness, coping and self-esteem.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175305		U	S/P AIR SICK DESENSITIZE	1w	PAMI	Pensacola, FL
ECL:	70			**EIMET:**	No	

A comprehensive treatment of last resort for airsickness in aircrew who have not adapted to the disequilibrating environment of flight. SPAD use of cross-coupled coriolis stimulation (a hypothetical force postulated to explain a deflection in the path of a body moving relative to the earth when observed from the earth. The deflection (Coriolis effect) is due to the earth s rotation and is to the left in the S hemisphere and to the right in the N hemisphere) combined with extensive biofeedback techniques have enabled most aircrew with seemingly intractable airsickness to return to flying. Treatment typically takes from four to five weeks.

PRE-REQUISITE:

COURSE NOTES:

P175307	B- 6A-2100	U	FLIGHT SURGEON ACADEMIC	12w	PAMI	Pensacola, FL
ECL:	80R			**EIMET:**	No	

ACTUAL FLIGHT PORTION IS PROGRAMMED UNDER P119024. THIS COURSE IS A PREREQUISITE FOR P175309 **PART OF THE "STUDENT FLIGHT SURGEON CRS" AND WHICH IS A PREREQUISITE FOR "THE AEROSPECE MEDICAL RESIDENCY CRS" - P175309 To provide training leading to designation as a Naval Flight Surgeon. Students develop professional competency in aerospace physiology and medicine, human factors in aviation, aviation safety, mishap investigation, occupational health and preventive medicine. Traditional clinical medicine specialties including internal medicine, ophthalmology, otorhinolaryngology and psychiatry are taught in the context of the aviation environment so that students learn the appropriate disposition for aviators and aircrew with medical problems. Flight training gives the student first hand experience in the stresses of the aviation environment. SCOPE: The course consist of three phases which are academics, aviation pre-flight indoctrination and primary flight training. The academic phase is subdivided into administrative, environmental physiology, operational medicine, and clinical medicine units. Physiology qualifications, water and land survival training, physical readiness testing and ground school subjects are completed in the pre-flight phase.

PRE-REQUISITE:

COURSE NOTES:

P175309		U	AEROSPACE MED RESIDENCY	104w	PAMI	Pensacola, FL
ECL:	80A			**EIMET:**	No	

This is a one year program of practical applications of preventive medicine principles in aerospace settings. It consists of clinical rotations in aerospace ophthalmology, otolaryngology, internal medicine, psychiatry, physical qualifications, physiology, and advanced aeromedical human factors and flight training. Other courses and rotations are also required, many of which are conducted at other locations: Clinical aerospace medicine, Aviation Safety Officer Course, Space medicine, Electives/Research (1 required project or paper), Global medicine, FAA basic AME course, Advanced Clinical Concepts in Aeromedical Evacuation, Global Patient Movement (TRANSCOM), centrifuge training, and the Aerospace Medical Association annual scientific meeting. An optional, unaccredited second practicum year offers the resident additional in-depth exposure to the clinical specialty services at the Institute or affiliated clinical institutions, humanitarian and disaster health service support, and leadership training operational health service support. NOTE: TRAVEL EXPENSES ASSOCIATED WITH THE RESIDENCY PROGRAM ARE BORNE BY STUDENT OR HIS/HER HOME COUNTRY. AN ESTIMATE OF THESE COSTS CAN BE OBTAINED BY CONTACTING NOMI (ATTN: IMSO), 220 HOVEY ROAD, PENSACOLA, FL 32508-1047 OR VIA EMAIL - JAMES.SEALE@MED.NAVY.MILNOTE: THE PRE-REQUISITE FOR THE "AEROSPACE MEDICAL RESIDENCY" COURSE IS THE "STUDENT FLIGHT SURGEON" COURSE WHICH INCLUDES: P175307 - FLIGHT SURGEON ACADEMIC; P119301 - AVTRA PREFLIGHT INDOC; AND P119024 - AVTRA FLT SURGEON T34. THIS PRE-REQUISITE IS WAIVERABLE FOR EQUIVALENT EXPERIENCE.

PRE-REQUISITE:

COURSE NOTES:

P175310	B- 6A-1000	U	CMDR AMPHIB TASK/F SURGEON	2w	PSWM	San Diego, CA
ECL:	80R			**EIMET:**	No	

To provide experienced Medical Officers with an opportunity to develop the skills required for service as the Senior Medical Advisor to the Commander Amphibious Task Force (CATF). Consists of training in the design of an amphibious operation and its associated medical logistics, an overview of the medical aspects of operations other than war, and a current brief on geopolitical and medical intelligence. Graduates will be able to serve effectively as CATF Surgeons with a thorough understanding of the medical aspects of an amphibious operation.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175503	A- 6A-0010	U	MEDICAL DEPARTMENT DIVING OFFICER	9w	PDIV	Panama City, FL
ECL:	80R			**EIMET:**	No	

This course is an integral part of the Naval Undersea Medical Officer course (B-6A-2200). The course provides training necessary to: - support fleet diving operations - diagnose and treat diving related illness/injury - support hyperbaric chamber operations - evaluate fitness for diving duty - qualify in Scuba and surface-supplied air diving. The course as designed will provide hyperbaric chamber, open circuit Scuba and surface-supplied air diving qualification. It will provide training in diving physics, decompression procedures, diving medicine, Scuba, air and mixed-gas diving. PREREQUISTE: Must pass the prerequisite physical screening test as found in MILPERSMAN 1220-100. Test will be administered the second day of training. Open to Medical Officers and Physician Assistants (PAs) providing operational support. BRING A GOOD PAIR OF RUNNING SHOES AND ONE PAIR OF STEEL-TOED BOOTS.

PRE-REQUISITE: Students are required to maintain a minimum ECL requirement of 80 to attend this course. Must pass the prerequisite physical screening test as found in MILPERSMAN 1220-100. Test will be administered the second day of training. SPECIAL INFO: Physical examination forms DD 2808 and DD 2807-1 should be forwarded to NAVDIVESALVTRACEN Medical Department 45 days before the class convening date for review. A point of contract name should accompany each physical. Report one working day prior to the convening date for administrative processing. Be prepared to participate in daily strenuous exercise.

COURSE NOTES:

P175504	B-300-9901	U	HM-SCH BAS	14w	PHCG	Great Lakes, IL
ECL:	70			**EIMET:**	No	

Teaches the basic principles and techniques of emergency medical care, operational medicine, and nursing care procedures. Prepares personnel for duties as a general service hospital corpsman to function with the fleet operating units, the Fleet Marine Force (FMF), Medical Treatment Facilities (MTF), and further training. The course includes anatomy and physiology, medical mathematics, medical ethics, emergency medical care, operational medicine, preventive medicine, pharmacology and toxicology, nursing care procedures, and military requirements. Prerequisites: Must be a high school graduate or GED equivalent. Have normal color perception. Must be physically qualified for transfer per MANMED and TRANSMAN. Applicant must be fully qualified to perform all duties required of the rate worldwide: wherever a billet or a mobilization requirement exists. An applicant for this program is acknowledging that, upon graduation, he/she will be available for a utilization tour assignment to any one of these billets worldwide. No individual will be accepted into the medical rating who has had a history of drug or alcohol abuse or incident. Waivers may be considered on a case by case basis and must include total times used, date of first usage and date of last usage. Submit applications to Bureau of Naval Personnel (PERS 4010), on NAVPERS 1306/7 per TRANSMAN.

PRE-REQUISITE:

COURSE NOTES:

P175520	A-431-0076	U	AMPHIB RECON CORPSMAN	5.4w	PDIV	Panama City, FL
ECL:	80R			**EIMET:**	No	

The Amphibious Reconnaissance Corpsman Course (ARC) is designed to provide Fleet Marine Force Corpsman, NEC 8404 with the basic instruction and training in effectively identifying diving casualties and performing medical functions as a recompression chamber inside tender. The course will also provide refresher training to qualified Marine Combatant Divers and Corpsman holding the NECs 8427/8403, 8492/8491, 8493/8494 on diving medicine, principles of operation for chambers and inside tender responsibilities in accordance with the U.S. Navy Diving Manual. SCOPE: The ARC Course includes training n the following areas: - Familiarization with anatomy, respiratory, circulatory systems, and physiology of the ears. - Familiarization of diving disorders for barotraumas, vertigo, pulmonary over inflation syndromes, and decompression sickness. - Familiarization with neurological examinations. - Perform neurological examinations. - Familiarization of treatment tables. - Diagnose diving related accidents and injuries. - State the treatments of diving related accidents and injuries. - Familiarization with recompression chambers. - Operate Navy-approved recompression chambers. - Familiarization with emergency procedures as inside tender for recompression chamber operations.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175570	B-300-0013	U	FIELD MEDICAL SERV TECH	7w	PMFM	Camp Lejeune, NC
ECL:	70			**EIMET:**	No	

To train in the knowledge and skills required to care for the health care needs of U.S. Marine Corps personnel in the field. Scope: The course includes the organization of field units, procurement and issue of medical supplies and equipment for combat areas, first aid and emergency procedures, field first-aid stations, casualty evacuation, field sanitation and preventive medicine and specialized warfare defense medical requirements. Refer to NEC Manual (NAVPERS 18068). Prerequisite: Academic failure of this course (FMSS) clearly demonstrates a lack of basic HM skills, knowledge or abilities and is inconsistent with the safe and effective performance of patient care. Members that academically fail FMSS shall be recommended for FORCE CONVERSION from the HM rating to another rating based on the needs of the Navy. Candidate must be physically qualified for transfer per MANMED and TRANSMAN. Physical requirements restrict p regnant service members from eligibility per OPNAVINST 6000.1 series (2003-04-29). They must complete an operational screening per MILPERSMAN article 1300-800 and found worldwide assignable for potential operational assignments with the Fleet Marine Force, Forces Afloat, isolated units or units overseas. An applicant for this program is acknowledging that, upon graduation, he/she will be available for a utilization tour assignment to any of these billets worldwide. Member s failure to maintain worldwide assignability during or after "C" school will be justification for administrative separation per MILPERSMAN article 1910-120.

PRE-REQUISITE:

COURSE NOTES:

P175655	B- 6C-1006	U	OROFACIAL PAIN	0.8w	PDCD	San Diego, CA
ECL:	80			**EIMET:**	No	

It will clarify the relationship between TMJ mechanics, jaw movement, occlusal schemes, and the functional needs of the patients. Scope: Clinically oriented discussions and laboratory exercises will focus on the application of occlusal concepts, principles of articulation, recording and transferring hingeaxis and interocclusal records, manipulation of semiadjustable articulators.

PRE-REQUISITE:

COURSE NOTES:

P175656	B- 6C-1020	U	OPERATIVE DENTISTRY	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

An advanced Operative Dentistry course updates the general practitioner in the clinical application of modern restorative materials and esthetic dentistry treatment considerations. Among the subjects covered are risk assessment in restorative dentistry, preventive restorative concepts, bases, liners, and cements; tooth-colored restorative materials; visible light-curing units; complex amalgram alloy restorations; estethic contouring; vital bleaching; direct/indirect veneers; periodontal restorative interrelationships; and posterior esthetic restorations. Assuming a basis of at least 3 years general dentistry practice, the course presents new developments in restorative materials and their clinical applications. A preventive, conservative, and integrated disciplinary approach to restorative dentistry is stressed.

PRE-REQUISITE:

COURSE NOTES:

P175658	B- 6C-6002	U	CASUALTY TREATMENT FOR OFF	0.8w	PDCD	San Diego, CA
ECL:	80			**EIMET:**	No	

Provides casualty treatment training to all Dental Corps Officers of the Navy and a refresher course at five year intervals. Prepares Dental Corps Officers to assist in the health care support effort during national and local emergencies. Assist in providing casualty assistance until definitive treatment is available where mass casualties may occur. The five day course provides didactic lectures and simulated exercises.

PRE-REQUISITE:

COURSE NOTES:

P175659	B- 6C-1003	U	DENTAL-ENDODONTICS	0.6w	PDCD	San Diego, CA
ECL:	80			**EIMET:**	No	

Improve the practitioner s ability to provide better, faster, and safer endodontic diagnosis and treatment. Scope: This course is designed as a "State-of-the-Art" learning experience. It will emphasize the following major subject areas: 1. Accurate diagnosis and effective treatment of endodontic emergencies. 2. Uses of calcium hydroxide, endodontic retreatment, and simple surgical procedure. 3. Diagnosis and treatment of traumatic injuries to the teeth and supporting structures. 4. New endodontic instruments and procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175660	B- 6C-1007	U	OPERATIVE DENTISTRY	0.6w	PDCD	San Diego, CA
ECL:	80			**EIMET:**	No	

Emphasizes dental carries as a disease process - its epidemiology, reversibility, and conservative treatment. Subjects are topically applied anticarry agents such as fluorides, chlorhexidine, and pit and fissure sealants; conservative cavity prevention techniques; the restoration of badly broken-down teeth; the restoration of endodontically treated teeth; and the relationship between restorative dentistry and the healthy periodontium. New development in restorative materials is presented, along with clinical criteria for their selection and use. Restorative application of eletrosurgery is discussed. A hands-on laboratory is provided with the products discussed.

PRE-REQUISITE:

COURSE NOTES:

P175661	B- 6C-1001	U	PROSTHODONTICS	0.6w	PDCD	San Diego, CA
ECL:	90			**EIMET:**	No	

The purpose of this training is to help board eligible candidates prepare for comprehensive oral exam by reviewing all areas of oral medicine. Scope: Case histories will be presented for oral medicine and candidates will answer questions about patient management and recommended treatment modalities. On pharmacology, candidates will be examined on modes of action of drugs and their interaction. Radiology will be presented by having candidates make differential diagnosis from radiograph and discuss accepted standards of radiation technique and safety. Prosthodontics (Removable) course is taught in even years; (Fixed) is taught odd years."Federal Agency dentists with formal residency or fellowship training in prosthodontics or those officers with significant prosthodontic experience. (One week before class begins, civilians may telephone and check the enrollment status.) Maximum continuing education credit-35 hours.

PRE-REQUISITE: Federal Agency dentists with formal residency or fellowship training in prosthodontics or those officers with significant prosthodontic experience. Maximum continuing education credit-35 hours.

Federal Agency dentists with formal residency or fellowship training in prosthodontics or those officers with significant prosthodontic experience. (One week before class begins, civilians may telephone and check the enrollment status.)

COURSE NOTES: Prosthodontics (Removable) course is taught in even years; (Fixed) is taught odd years. "

P175662	B-330-0012	U	CASUALTY TREATMENT FOR ENL	0.8w	PDCD	San Diego, CA
ECL:	70			**EIMET:**	No	

Provides casualty treatment training to Dental Technicians. Prepares Dental Technicians to assist in the health care support effort during a combat or civil emergency situation. Reviews practical shipboard and field mass casualty management procedures, how to assess patients, provide effective emergency care using minimum equipment and stabilize personnel for evacuation.

PRE-REQUISITE:

COURSE NOTES:

P175673	B- 6C-1013	U	GENERAL DENTISTRY CLINICAL UPDATE	1w	PDCB	Bethesda, MD
ECL:	70			**EIMET:**	No	

This course is designed to help the participant prepare for the written section of the Federal Services Board of General Dentistry examination. Current concepts in dental materials, endodontics, fixed and removable prosthodontics, operative dentistry, oral medicine, oral pathology, oral surgery, orthodontics, pediatric dentistry, periodontics, and infection control/OSHA requirements will be reviewed. Debriefings from previous written examinations will be used to determine course content. The course will consist of 5 days of didactic review. The nature of this course is such that only candidates eligible for either the written or oral portion of the Federal Services Board should apply. Priority for enrollment will be given to officers who will be taking the written examination. Officers who will be taking the oral examination will be placed on a "stand-by" list and will be notified of their status approximately 1 month before the course starts.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P175674	B- 6C-1010	U	PERIODONTICS	1w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

To update skills directed at the general dentist. SCOPE: This course will provide current, practical information that will enhance the practicing dentist s familiarity and treatment options with the dental care of the periodontal patient. Presentations on state-of-the-art periodontics will be addressed to general practitioners and specialists involved in the prevention and treatment of the acute and chronic periodontal diseases. This course will cover such topics as the peridontium in health and disease; diagnosis, prognosis, and treatment planning; osseointegrated dental implants; principles of periodontal surgery; management of osseous defects; soft tissue surgery; chemotherapeutics; early onset periodontitis; periodontal maintenance; the interrelationship of periodontics with restorative dentistry and endodontics; and variety of the most current aspects of periodontal treatment. A laboratory exercise on periodontal surgery will also be offered.

PRE-REQUISITE:

COURSE NOTES:

P175677	B- 6C-2000	U	PAIN CTRL & NITR-OX SEDAT	0.8w	PDCB	Bethesda, MD
ECL:	80			**EIMET:**	No	

PAIN CONTROL AND NITROUS OXIDE SEDATION This 4-day course is designed for the active duty member to qualify for privileges to use nitrous oxide and oxygen sedation. To enhance participants understanding of the role of sedation emphasis will be placed on understanding the nature of pain and anxiety. Participants will have the opportunity to meet actual chronic pain patients who will discuss their pain experiences. The physiologic signs and effects of pain and anxiety, the behavioral effects and complicating factors will be investigated. Alternate pharmacological and psychological modes of pain and anxiety management will be reviewed. Following the ADA guidelines for the teaching of conscious sedation, the participants will review the spectrum of sedation and respiratory anatomy and physiology. With a sound background in pharmacology and indications/contraindications and management of complications, the participants will gain hands-on experience using nitrous oxide and oxygen. The safety of the working environment will be stressed.

PRE-REQUISITE:

COURSE NOTES:

P175801		U	EMERGENCY WAR SURGERY	1w	PCDV	San Diego, CA
ECL:	80			**EIMET:**	No	

Describe the common patterns of battlefield injuries and be familiar with their surgical management -- Discuss a variety of battle damage control techniques -- Define the concept of forward resuscitative measures in the management of battlefield casualties and evacuation -- Perform basic emergency ophthalmologic, orthopedic and neurosurgical procedures through "hands-on" instruction by surgical specialists in a cadaveric lab. --Demonstrate expertise in performing an exploratory laparotomy for trauma through a variety of simulated injuries in the pig lab.--Demonstrate the principles of ultrasound techniques in a combat trauma patients using didactics and simulation lab.--Demonstrate ability to manage multiple battlefield casualties in a simulated mass casualty exercise. Course Locations: OFC, Bldg. 6, Room 2 NMCSD Cadaver Lab in Surgical Skills Lab, Bldg. 1 Animal Lab in Vivarium Ultrasound Lab in Department of General Surgery.

PRE-REQUISITE:

COURSE NOTES:

P176002	S- 00-2001	U	818 DEFENSE SYSTEMS MANAGEMENT - MS	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

MS Degree program. This program is designed to provide the officers with fundamental interdisciplinary techniques of quantitative problem-solving methods, behavioral and management science, economic analysis and financial management and to enable the officers to evaluate the written research, study and analysis product of others throughout their careers. The curriculum will further provide the officers with the specific functional skills required to effectively manage. The curriculum integrates mathematics, accounting, economics, behavioral science, management theory, operations/systems analysis and a subspecialty concentration area into an understanding of the process by which the defense mission is accomplished. Specialty concentration areas are selected by the student by their choice of course options. The 818 curriculum allows students to design a program of course work specific to management effectiveness in the host country s military system. The student may elect to specialize in the relevant portion of a functional area such as financial, logistics, human resources and organization, or manpower and personnel analysis. Or, the student may choose to follow a general management program which would include an overall balance of courses from many areas. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P176007	S- 00-2001	U	818 INFORMATION SCIENCES PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

PHD program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P176017	SOLARA	U	STABILITY OPS:LEGAL ASPECTS OF ROE/RUF AFGHANISTAN	2w	PDI	Newport, RI
ECL:	80			**EIMET:**	Yes	

Defense Institute of International Legal Studies (DIILS) will conduct a two week, resident course on the Legal Aspects of Rules of Engagement (ROE) and Rules for the Use of Force (RUF) relevant to military operations in Afghanistan. The course is specifically designed for those forces that are deploying or continuing deployments to Afghanistan. However, there would be value for those who have interest in stability operations using the Afghanistan experience as a case study. The goal is to share knowledge among the US, ISAF, NATO, and other Eastern and Central European specialists with recent experience combating terrorism in Afghanistan. Additionally, this course will help to foster interlocking partnerships that will strengthen overall U.S. efforts in combating terrorism and promote relationships that will enhance global efforts against terrorists and terrorist organizations. The joint and combined DIILS course includes both U. S. and international instructors with operational deployment experience in Afghanistan and/or Iraq. Course participants will also have a weekend trip to New York City, where they will have an opportunity to speak with anti-terrorism experts at Ground Zero and in the New York area. Objectives: 1. Provide the participants with an understanding of legal and operational challenges they may encounter as they continue to assist in the efforts against terrorism in Afghanistan. 2. Provide participants with current scenarios, hypothetical situations, and examples of practical and lawful means to effectively conduct military operations in Afghanistan in support of the Afghan Government and against terrorism. 3. Explain and discuss the necessity of varying supplemental rules of engagement in conducting military operations, rules for the use of force in conducting security functions and operations, and the law of armed conflict from a U.S. and international perspective.4. Discuss the challenges of being an advisor to a foreign counterpart, working in irregular warfare operations, and the legal and operational challenges of targeting and intelligence. 5. Discuss the challenges of working in an international and interagency environment including: interagency cooperation against terrorism; investigation responsibilities in Afghanistan; Status of Forces Agreements (SOFAs); and force protection techniques and tactical control points. 6. Explain and discuss legal, operational, and policy aspects of rules of engagement in Afghanistan, through case studies and discussion of actual incidents, including: the relevant law of armed conflict; coalition rules of engagement; and insurgent use of various improvised explosive devices.7. Examine the challenges and procedures for deploying forces to Afghanistan, working with public affairs, international human rights laws, fourth generation warfare, and counterinsurgency doctrine. Review ISAF Rule of Law Operations, discuss combatant detention and detention scenarios, and highlight the legal and operational challenges of concealment methods and techniques.8. Discuss and review ROE and RUF scenarios and case studies specific to operations in Afghanistan. Recommended Attendees: This course is particularly suitable for military forces deployed or continuing deployments to Afghanistan, as well as lawyers and civilian stakeholders working or leading in the field of stability operations. SOLARA replaces Peacekeeping Latest Developments (PKLD). DIILS does not currently plan to offer PKLD. Course.)Notes: ECL: 80 This course is tentative until funding is in place. The tentative dates are 26 July-6 Aug 2010. Prospective participants should plan their arrival for 21 July and departure for 7 August. Administrative Guidance: All courses are taught at Harbor Island Conference Center, Naval Station Newport, Rhode Island. Students are housed in Bachelor Officer Quarters. SCOs should request quotas through NETSAFA. Please contact DIILS Resident Program Director, Bill Aseltine, at 401-841-1524 x199 for additional information.000674 - THIS COURSE WILL ALWAYS INCUR A 100 PERCENT PENALTY FEE ONCE A CONTRACT IS LET OR A QUOTA IS CONFIRMED UNLESS WAIVED BY THE MILDEP. UNLESS OTHERWISE STATED, CONTRACT SUPPORTED COURSES ESTABLISH CONTRACTS AT LEAST 90 DAYS PRIOR TO COURSE CONVENING DATE. MORE INFORMATION MAY BE FOUND IN THE DEPARTMENT OF NAVY (DON) SECURITY COOPERATION/CANCELLATION FEE POLICY MSG.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P176019	LCHR	U	LAW OF ARMED CONFLICT AND HUMAN RIGHTS	3w	PDI	Newport, RI
ECL:	80			**EIMET:**	Yes	

Law of Armed Conflict and Human Rights This three week course for military commanders and staff officers is offered two times per year at the Naval Station in Newport, Rhode Island. LCHR will enable participants to understand and implement their nations commitment to adhere to international legal instruments that control the use of force and treatment of persons in the context of all types of military operations including those that involve international cooperation. Participants will also be able to identify human rights and law of armed conflict questions that arise in the context of military operations and will know the general areas of the law that serve as standards for resolving these questions. Participants will take part in cultural familiarization activities under the DIILS Field Studies Program (FSP) in Newport, Boston and New York City. Recommended Attendees: LCHR is designed for non lawyer military officers (commanders and staff officers) who are or will be involved at some level with national internal security, border security or counter terrorism operations or joint multinational operations such as UN Peacekeeping or NATO operations. LCHR will also be useful for civilian officials who are involved with planning or oversight of military operations. Military legal advisors may attend this course but will find that the DIILSÆ Military Law Development Program (MLDP) (MASL P176026 and P176027) provides the additional coverage of legal issues necessary for preparation as a legal advisor. MLDP participants will also attend LCHR but will go on to receive addition instruction on military justice and international law. (See page xx for more information about MLDP)Course Focus: LCHR will help commanders to conduct military operations including multinational joint military operations in accordance with the law of armed conflict and human rights law. Participants will consider the application of international humanitarian law (law of armed conflict) and human rights law to a variety of domestic and international operations including NATO, UN peacekeeping, humanitarian relief, border security, internal security and counter terrorism operations. The course will feature military speakers with recent and relevant experience and interactive exercises and case studies that will provide participants with practical experience and working knowledge that can be used in the field. Please see the DIILS website for additional information and full course schedule WWW.DIILS.ORG.LCHR has replaced the DIILS course Conducting Stability and Peacekeeping Operations in accordance with the Rule of Law. MASL P176019 is approved for Expanded IMET. ECL: 80 NOTE: QUOTAS ARE LIMITED AND ARE ASSIGNED ON A FIRST COME BASIS. GENERALLY NO MORE THAN TWO STUDENTS ATTEND EACH CLASS FROM ANY ONE COUNTRY, ALTHOUGH EXCEPTIONS WILL BE MADE ON A CASE BY CASE BASIS. NOTE: CANCELLATION FEE POLICY: 100 PERCENT PENALTY FEE, ONCE A CONTRACT IS LET OR A QUOTA IS CONFIRMED, UNLESS WAIVED BY THE MILDEP AS PER NAVY IPO 081900Z JAN 03. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures. Notes:000674 - THIS COURSE WILL ALWAYS INCUR A 100 PERCENT PENALTY FEE ONCE A CONTRACT IS LET OR A QUOTA IS CONFIRMED UNLESS WAIVED BY THE MILDEP. UNLESS OTHERWISE STATED, CONTRACT SUPPORTED COURSES ESTABLISH CONTRACTS AT LEAST 90 DAYS PRIOR TO COURSE CONVENING DATE. MORE INFORMATION MAY BE FOUND IN THE DEPARTMENT OF NAVY (DON) SECURITY COOPERATION/CANCELLATION FEE POLICY MSG.

PRE-REQUISITE:

COURSE NOTES:

P176022	MET PDI	U	MET DIILS SEMINAR CONUS	1w	VAR	
ECL:	70			**EIMET:**	Yes	

Although most DIILS seminars are conducted in overseas locations, in special circumstances a seminar may be conducted in the United States. Seminars are customized based on prior Assessments, Curriculum Planning, and communication between DIILS and the SCO. Topics will vary depending on the unique needs of the host country. Examples of recent specialized programs include Domestic Operations, Interoperability and Status of Forces Agreements, Advanced Law of the Sea, Peace Operations, Regulation Drafting, and Legal Aspects of Military - Media Relations. Audiences may be military, civilian, or a combination depending on topic and the specific country. Arrangements for transportation, billeting, and messing facilities will be made between the SCO and DIILS Country Program Manager. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P176023	MET PDI	U	MET DIILS JOINT CONUS PLAN	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

The Joint CONUS planning phase is conducted in the United States. A delegation of five to eight members from the participating country will travel to the United States and visit military installations, legal institutions, and other appropriate government agencies. During the visit to the United States, the delegation will receive a variety of briefings on U.S. programs. The ultimate goal of this MET is to clearly define the curriculum for future seminars. A CONUS planning visit can be held in various appropriate locations throughout the United States. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P176026	MLDP	U	MILITARY LAW DEV PROGRAM	10w	PDI	Newport, RI
ECL:	85			**EIMET:**	Yes	

MILITARY LAW DEVELOPMENT PROGRAM (MLDP) Military Law Development Program (MLDP) This ten week program offered each year beginning in October promotes the rule of law by assisting military legal advisors in the development and improvement of their own national military legal systems through a comparative study of international and U.S. military law. What are the benefits of MLDP? 1) Self-Assessment of participating students military law systems based on the "best practices" of the U.S. and other national systems of military law 2) Participants capability to provide legal advice consistent with international guidelines is improved 3) Participants improved working relations with legal counterparts through enhanced understanding and appreciation of U.S. military law systems and. English legal terminology as well as that of participating countries law systems. Who should participate in MLDP? Qualified participants will be licensed attorneys or those with a college or university degree in law. Participants requiring advanced studies in international and operational law should be programmed for MLDP-ILOMO (MASL P176029). What do MLDP participants learn? Participants study all aspects of military law including international law, military justice and administrative law. Participants attend classes at the Naval Justice School and participate in the DIILS courses on Conducting Military and Peacekeeping Operations in accordance with the Rule of Law (PKRL) and the Legal Aspects of Combating Terrorism (LCT) course. Participants make presentations on their national legal systems and consult with DIILS staff on specific legal issues. MLDP students participate in a community sponsor program and IP activities in Boston, New York, and Washington, D.C. MLDP is approved for Expanded IMET. CTFP or FMS funding may be used if authorized. ECL: 85.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P176027	I-LOMO	U	INTL LAW OF MIL OPS I-LOMO	3w	PDI	Newport, RI
ECL:	80			**EIMET:**	Yes	

The International Law of Military Operations Course (ILOMO) I-LOMO promotes the rule of law by enhancing the capability of military legal advisors to give effective and accurate legal advice regarding military operations. What are the benefits of ILOMO? 1) Promotes application of international legal standards in military operations, 2) Enhances the capability of military legal advisors to provide effective guidance in military planning 3) Develops professional working relationships, communication and understanding with U.S. partners Who should participate in ILOMO? Although ILOMO is designed for military legal advisors, the course is open to and useful for military commanders and staff officers who need to increase knowledge of legal issues involved in military operations and make effective use of legal advisors. What do ILOMO participants learn? ILOMO provides the latest information and viewpoints on legal issues applicable to modern military operations including recent developments in the Law of Armed Conflict, Rules of Engagement and the Role of the Military Legal Advisor in Operational Planning. ILOMO is taught by instructors from the DIILS and the Naval War College. Adjunct International Faculty from U.K., Australia, Germany, Japan and other countries also provide instruction and their national perspective. ILOMO participants attend a 3 day International Conference on Operational Law sponsored by the Naval War College. The IP program features visits in the Newport area and to Boston. Participants may have the opportunity to take part in a voluntary demonstration of the Rules for the Use of Force that could involve live fire, simulated live fire, simunitions, or a combination of these training methods. ILOMO is approved for Expanded IMET. CTFP or FMS funding may be used if authorized. ECL: 80.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES: This course will convene on 7 June and graduate on 25 June 2010. The reporting date is 2 June 2010.

P176028	CT-PDI	U	LEGAL ASPECTS CMBTERRORISM	3w	PDI	Newport, RI
ECL:	80			**EIMET:**	Yes	

LEGAL ASPECTS OF COMBATING TERRORISM: Combating terrorism is a complicated problem requiring national and international cooperation. LCT promotes the rule of law by addressing the many legal questions that arise out of the challenge of combating terrorism. What are the benefits of LCT?1) Enhances participant nation capability to develop and organize legal systems that effectively address the terrorist threat and improve national and international cooperation in operations that combat terrorism2) Provides an understanding of how the U.S. applies legal principles in operations combating terrorism. 3) Compares and contrasts international cooperation, legal approaches and the techniques of other countries in combating terrorism Who should participate in LCT? Officers or civilian officials who are currently or will be involved with combating terrorism and related operations What do LCT participants learn? LCT emphasizes the need for governments to respond to terrorism in ways that respect legal limits so as to ensure the support and respect of the people the government serves. Topics include International Law and Treaties relating to Terrorism, Human Rights issues, Financial Underpinnings, Money Laundering, the Investigation of Terrorism, Prosecution of Terrorism, Interagency, Cooperation, the Military Response to Terrorism, Coalitions, Rule of Engagement in combating terrorism, Terrorism as an Internal Armed Conflict, Use of Force, and Maritime Operations. The IP program features appropriate visits in the Newport, Boston, and New York City. Participants may have the opportunity to take part in a voluntary demonstration of the Rules for the Use of Force that could involve live fire, simulated live fire, simunitions, or a combination of these training methods. ILOMO is approved for Expanded IMET. CTFP or FMS funding may be used if authorized. ECL: 80.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P176029		U	INTL MIL LAW DEV PRG-ILOMO	12w	PDI	Newport, RI
ECL:	85			**EIMET:**	Yes	

INTL MILITARY LAW DEVELOPMENT PROGRAM - INTERNATIONAL LAW OF MILITARY OPERATIONS This twelve week program offered each year beginning in April promotes the rule of law by assisting international officers and civilian officials in the development and improvement of their own national military legal systems through a comparative study of U.S. military law and through advanced studies in international and operational law. What are the benefits of MLDP-ILOMO? 1) Self-Assessment of participating students military law systems based on the "best practices" of the U.S. and other national systems of military law2) Participants' capability to provide legal advice to commanders consistent with international guidelines is improved 3) Participants' improved working relations with legal counterparts through enhanced understanding and appreciation of U.S. and other nations' military law systems and English legal. Who should participate in MLDP-ILOMO? Qualified participants will be licensed attorneys or those with a college or university degree in law with assignments that will benefit from advanced studies in international and operational law. What do MLDP-ILOMO participants learn? Participants study military justice and administrative law with a special emphasis on international law. Participants attend classes at the Naval Justice School and participate in the DIILS courses on Conducting Military and Peacekeeping Operations in accordance with the Rule of Law (PKRL) and the International Law of Military Operations (I-LOMO). Participants make presentations on their national legal systems and study specific legal issues with DIILS staff. MLDP students participate in a community sponsor program and IP visits. MLDP is approved for Expanded IMET. CTFP or FMS funding may be used if authorized. ECL: 85.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P176036	S-062-0022	U	RULE OF LAW&DISCP MIL OPS	1w	PNST	Stennis Space Center, MS
ECL:	EC			**EIMET:**	No	

Provides international military officers and senior enlisted personnel basic instruction of rule of law, its impact on human rights, and how these considerations fit into the planning and conduct of military operations. Includes fundamental consideration of rules of engagement, law of armed conflict, maritime law, and the role of a military justice system in the accomplishment of disciplined operations. Course is taught by U.S. Military Judge Advocates utilizing Defense Institute of International Legal Studies (DILLS) curriculum. SPECIAL NOTE: Qualifies as an expanded IMET (E-IMET) course. Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES: Highly recommended as a follow-on course with these courses: PC Officer & WIC. This course can be taught in English and Spanish, check with IMSO for dates.

P176040		U	LEGAL ASPECTS OF COMBATING CORRUPTION - LCC	2w	PDI	Newport, RI
ECL:	80			**EIMET:**	Yes	

President Bush stated in a message to the Senate on October 27, 2005 that: "the international fight against corruption is an important foreign policy priority for the United States. Corruption hinders sustainable development, erodes confidence in democratic institutions, and facilitates transnational crime and terrorism." LCC promotes U.S. foreign policy and the rule of law by enhancing capability to prevent, identify, investigate and prosecute corruption. What are the benefits LCC?1) Raises awareness about the negative impact of corruption on societies and the military 2) Develops anti-corruption capabilities of identification and investigation of corrupt practices3) Creates methods and plans for combating corruption Who should participate in LCC? Government officials who are engaged in activities associated with prevention, investigation and prosecution of corruption in the national defense sector or other areas of governmental control. What do LCC participants learn? Individual topics include transparent administrative procedures (hiring, firing, and promotions), ethical behavior, organized crime, money laundering, fraud, whistle-blowers, abuse of office, identifying corrupt practices in contracting, best practices, and developing strategies for fighting corruption. The course will have a balance of content, practical exercises, and development of methods that lead to a deliverable such as creation of a participant designed training program, training on investigation techniques, and evaluation of a country's laws and regulations in regards to corruption. The IP program features visits in the Newport area and Washington D.C. LCC is approved for Expanded IMET. CTFP or FMS funding may be used if authorized. ECL: 80.

PRE-REQUISITE:

COURSE NOTES:

P177712	S- 00-2001	U	590 ELECTRONIC SYSTEMS ENGRG-MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The objective of this program is to provide a broad-based, design oriented education focusing on the warship as total engineering system including hull, mechanical, electrical and combat systems and educates officers in current electronics technology and its application to modern naval warfare. The program is for selected Naval/Mechanical Engineering, Electrical Engineering, and Combat Systems Sciences and Technology students and is structured to lead to the MSME, MSEE, or MS in Physics. MS degree program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P177713	S- 00-2001	U	368 COMPUTER SCIENCE - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS degree program. Technical knowledge in computer system design, data processing, hardware, software and research. Note: Attendance is limited to 35 participants per year. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P177714	S- 00-2001	U	360 OPERATIONS RESEARCH - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS Degree program. - 8 Qtrs Education in the application of quantitative analyses to operational, tactical and managerial problems. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P177715	S- 00-2001	U	570 MECHANICAL ENGRG - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The objective of this program is to provide a broad-based, design oriented education focusing on the warship as total engineering system including hull, mechanical, electrical and combat systems. The program is for selected Naval/Mechanical Engineering students and is structured to lead to the MSME. Produces officers with technical competence to operate and maintain modern warships and naval systems. MS DEGREE PROGRAM SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P177721	S- 00-2001	U	590 ELECTRNIC SYSTEMS ENGR-ENG	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Engineering degree program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P178001	CIVCONTR	U	PROJECT MANAGEMENT PROFESSIONAL (PMP) #276	0.8w	VAR
ECL:	70			**EIMET:**	No

The Project Management Institute's Project Management Professional (PMP) credential is recognized as the universal standard of the profession. Many organizations now require their project management professionals to be PMP-certified. In this course, you gain knowledge and skills to help you prepare for the PMP exam. Through practice exams, workshops and overnight study, you learn essential PMBOK Guide terminology, tools and techniques. Through a series of individual practice workshops and simulated exams, you build a personalized study plan to ensure your exam preparedness. Workshops include: -Taking daily PMP-style practice exams and cross-referencing answers to PMBOK Guide -Speaking the PMBOK Guide language - Charting Input-Process-Output (IPO) diagrams - Creating a matrix to map PMBOK Guide knowledge areas and process groups -Developing a personalized exam preparation plan and study guide.

PRE-REQUISITE:

COURSE NOTES:

P178002	CIVCONTR	U	JAVASCRIPT FOR WEB DEVELOPMENT #489	0.8w	VAR
ECL:	70			**EIMET:**	No

Visually exciting and compelling Web pages are key components to a successful Web strategy. This course provides in-depth hands-on experience writing client-side JavaScript. You learn how to integrate JavaScript into your Web pages and create an interactive and dynamic Web site. You also learn how to take advantage of best practices and development techniques. You Will Learn How To- Write and debug client-side JavaScript using proven development techniques -Add interactivity and dynamic graphics -Create interactive forms that capture and validate user input -Develop DHTML Web pages -Personalize pages using cookies -Interface to Java, ActiveX, plug-ins and Ajax

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178003	CIVCONTR	U	INTRO EXTENSIBLE MARKUP LANGUAGE (XML) #542	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Today, it is no longer enough to just have a presence on the Web; you must maintain constant and immediate access to your customers in order to remain competitive. XML offers an easier way to conduct business-to-business transactions and a better means for handling data. In this course, you gain comprehensive knowledge and hands-on experience using XML and related technologies including XSL, schemas, XPath, XQuery and DOM.-Leverage the power of Extensible Markup Language (XML) and related technologies -Access and modify information within an XML document using the Document Object Model (DOM) -Dynamically transform XML documents into various display formats -Ensure XML data is valid and conforms to design requirements using schemas -Implement strategies to secure XML data interchange -Integrate XML into Web Services and Ajax applications

PRE-REQUISITE:

COURSE NOTES:

P178004	CIVCONTR	U	CAPABILITY MATURITY MODEL INTEGRATION (CMMI) #932	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Improving processes for the development of software products and services is a critical component for timely and cost-effective delivery. The Capability Maturity Model Integration (CMMI) provides a best practice framework to improve and maintain the necessary processes to support quality development. In this course, you gain the knowledge and skills required to apply CMMI principles and practices to meet the demands of internal and customer requirements. You Will Learn How To-Apply the Capability Maturity Model Integration (CMMI) methodology for software process improvement -Select the CMMI implementation that best meets the needs of your organization -Perform an appraisal that leverages gap analysis -Prepare a Summary Report that offers recommendations for effective action -Develop a process improvement plan to implement an efficient CMMI solution -Implement and apply CMMI principles back at your organization

PRE-REQUISITE:

COURSE NOTES:

P178006	CIVCONTR	U	MANAGING AND MAINTAINING MS WINDOWS SERVER 2003	1w	PGK1	Herndon, VA
ECL:	70			**EIMET:**	No	

This course combines 5 days of instructor-led training with e-Learning content to provide the knowledge and skills you need to manage accounts and resources, maintain server resources, monitor server performance, and safeguard data in a Microsoft Windows Server 2003 environment. This is the first course in the Systems Administrator and Systems Engineer tracks for Windows Server 2003 and serves as the entry point for other courses in the Windows Server 2003 curriculum. This course incorporates material from the following Official Microsoft Learning Product (OMLP):Course 2273: Managing and Maintaining a Microsoft Windows Server 2003 Environment Certification: This course will help prepare you for the following Microsoft Certified Professional exam: Exam 70-290: Managing and Maintaining a Microsoft Windows Server 2003 Environment

PRE-REQUISITE:

COURSE NOTES:

P178007	CIVCONTR	U	MS WINDOWS SERVER 2003 NETWORK INFRA: NETWORK	1w	PGK2	Arlington, VA
ECL:	70			**EIMET:**	No	

In this 5-day, instructor-led course, get the knowledge and skills you need to implement, manage, and maintain a Microsoft Windows Server 2003 network infrastructure. Learn to execute routing and to implement, manage, and maintain Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and Windows Internet Name Service (WINS). Secure Internet Protocol (IP) traffic with Internet Protocol security (IPSec) and certificates, and implement a network access infrastructure by configuring the connections for remote access clients. You'll also learn to manage and monitor network access. This course incorporates material from the following Official Microsoft Learning Product (OMLP): Course 2277: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure: Network Services Certification: This course will help you prepare for the following Microsoft Certified Professional exam: Exam 70-291: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178008	CIVCONTR	U	ORACLE ENTERPRISE MANAGER 10G GRID CTRL RELEASE 2	1w	POCP	Reston, VA
ECL:	70			**EIMET:**	No	

This course is your first step towards success as an Oracle professional, designed to give you a firm foundation in basic database administration. In this class, you'll learn how to install and maintain an Oracle database. You will gain a conceptual understanding of the Oracle database architecture and how its components work and interact with one another. You will also learn how to create an operational database and properly manage the various structures in an effective and efficient manner including performance monitoring, database security, user management, and backup/recovery techniques. The lesson topics are reinforced with structured hands-on practices. This course is designed to prepare you for the corresponding Oracle Certified Associate exam. This course counts towards the Hands-on course requirement for the Oracle Database 10g Administrator Certification.

PRE-REQUISITE:

COURSE NOTES:

P178009	CIVCONTR	U	ORACLE DATABASE 10G: SECURITY RELEASE 2	0.8w	POCP	Reston, VA
ECL:	70			**EIMET:**	No	

In this course, the students learn how they can use Oracle database features to meet the security and compliance requirements of their organization. The current regulatory environment of the Sarbanes-Oxley Act, HIPPA, the UK Data Protection Act, and others requires better security at the database level. Students learn how to secure their database and how to use the database features that enhance security. The course provides suggested architectures for common problems. This course explains the security features of the database like auditing, column and file encryption, virtual private database, label security and enterprise user security. Some of the Oracle Network security topics like securing the listener and restricting connections by IP address are also covered.

PRE-REQUISITE:

COURSE NOTES:

P178010	CIVCONTR	U	ORACLE DATABASE 10G ADMINISTRATION #594	1w	VAR	
ECL:	70			**EIMET:**	No	

Create, configure and maintain Oracle 10g databases Optimize space and performance for effective storage management Maximize database efficiency using the Oracle Enterprise Manager Ensure database security by managing user privileges and roles Implement Oracle partitions to manage large tables and indexes Deploy appropriate backup, recovery and flashback procedures Course Benefits Databases represent the core of an organization's informational infrastructure. To effectively maintain those databases, it is imperative for administrators to be well trained. In this hands-on course, you gain the knowledge and skills to create and configure Oracle 10g databases, manage memory and storage effectively, and deploy essential procedures to maintain your organization's database and ensure its availability. Who Should Attend Administrators and others involved in the management of Oracle 10g databases. Course 593, "Oracle Database 10g Comprehensive Introduction," or equivalent experience is assumed. Hands-On Training Exercises provide the practical skills to administer Oracle databases, including: Building, starting up and shutting down the database Creating and maintaining table spaces Configuring UNDO table spaces and retention periods Administering partitioned objects Safeguarding using backup and restore techniques Retrieving lost data from hardware and software failure Managing user resources and privileges Redefining, reorganizing and shrinking tables online Recovering from user error with flashback operations .

PRE-REQUISITE:

COURSE NOTES:

P178011	CIVCONTR	U	DEVELOPING JAVA WEB APPLICATION #570	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Build data-driven Web applications with server-side Java technologies Add a Web interface to your databases using Java servlets Generate dynamic Web pages with JavaServer pages (JSP) Personalize content for users with cookies and sessions using the Java Servlet API Integrate JSP custom tags to minimize scriptlet code Create Web applications using the Struts framework. Course Benefits Java servlets and JavaServer Pages allow developers to leverage the power of the Java platform and create object-oriented, scalable, n-tier applications. In this course, you learn how to integrate key components of the Java Enterprise Edition (Java EE), including servlets and JSP technologies to create dynamic data-driven Web applications. Who Should Attend Those involved in developing Web applications with Java. Knowledge of Java at the level of Course 471, "Java Programming Comprehensive Introduction," plus real-world Java programming experience, is assumed. Knowledge of Web technologies and HTML is helpful. Hands-On Training Throughout this course, extensive hands-on exercises provide you with practical experience in developing Java Web applications, including: Installing and configuring a servlet/JSP server Accessing databases with servlets Personalizing a Web site using sessions Building a shopping cart application Leveraging reusable components and Java Server Pages Integrating JSP custom tags Developing MVC components using the Struts framework Deploying Web applications using the WAR file format.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178012	CIVCONTR	U	TRANSFORMING AND STYLING XML #549	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Transform XML data using Extensible Stylesheet Language (XSL) Build structured style sheets with Extensible Stylesheet Language Transformation (XSLT) elements Search and filter XML documents with XPath and XQuery Design and debug XSL documents Convert XML data into HTML and other document formats Generate PDF files with XSL Formatting Objects (XSL-FO). Course BenefitsXML is an essential tool for application developers, allowing for the interchange of data between disparate systems. To effectively integrate systems, XSL is needed for transforming and styling XML data. In this course, you learn how to exploit XSL components to manipulate and analyze XML data. You also learn how to generate HTML, PDF, SVG and other document formats. Who Should Attend Those interested in working with XSL. Experience with XML at the level of Course 542, "XML Comprehensive Introduction," is assumed. Hands-On Training Exercises throughout this course offer immediate, hands-on reinforcement of the ideas you are learning: Creating and debugging XSL Searching and filtering XML data with XPath Applying design techniques for improved XSL documents Traversing complex XML input documents Mapping between element- and attribute-based document structures Producing PDF files with XSL-FO Querying data using XQuery.

PRE-REQUISITE:

COURSE NOTES:

P178013	CIVCONTR	U	TCP/IP COMPREHENSIVE INTRODUCTION #367	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Configure hosts and access internetworks using TCP/IP protocols Identify the role of each TCP/IP component Use all major TCP/IP application services including: FTP, TELNET, HTTP and NFS Avoid common internetworking problems Troubleshoot TCP/IP networks using protocol analysis techniques Employ popular Internet/intranet tools: FTP, Web browsers, WWW and others. Course Benefits TCP/IP is the communications protocol suite on which the Internet and most commercial networks operate. In this course, you gain a comprehensive technical introduction to TCP/IP. Extensive hands-on exercises provide the practical experience you need to configure a host, employ TCP/IP tools, use application services and access TCP/IP-based internetworks. Who Should Attend Anyone working with TCP/IP protocols, or involved in developing or migrating to TCP/IP networks or accessing Internet services. Familiarity with local area network concepts and either Windows or UNIX is helpful. Hands-On Training Exercises throughout this course provide practical experience with TCP/IP internetworking issues and services, including: Deploying protocol analysis techniques for Internet protocols: IP, ARP, TCP, UDP and HTTP Solving duplicate IP address problems Troubleshooting IP configuration problems Building internets with IP routers: configuration and testing Troubleshooting TCP/IP networks with ICMP and ping Exploiting FTP and TELNET Performing detailed protocol analysis of FTP sessions Decoding HTTP traffic.

PRE-REQUISITE:

COURSE NOTES:

P178014	CIVCONTR	U	DEVELOPING ASP .NET WEB APPLICATIONS #512	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Build dynamic Web applications with ASP.NET 3.5 and Visual Studio 2008 Create consistent user interfaces with Master pages, Themes and Skins Retrieve, modify and report on data from any data source Program common application tasks including master-detail pages with minimal code Secure access to the application using Web Forms authentication Generate multiple displays in a single page with templates. Course BenefitsASP.NET enables developers to build dynamic Web applications and sophisticated user interfaces with minimal code for Windows systems. In this course, you gain the skills needed to develop and deploy Web applications with ASP.NET. You learn how to build sophisticated user interfaces by configuring controls and extending them with custom code. You also learn how to integrate data access with data-source controls. Who Should Attend Those who are interested in building Web applications with ASP.NET. Experience programming in a modern object-oriented language and an understanding of HTML are assumed. Hands-On Training You learn how to build a complete and authentic Web site using Visual Basic and C#. Exercises include: Ensuring a consistent user interface with Master pages, Themes and Skins Implementing navigation models with Sitemap Path, Menus and Tree Views Identifying users with Login controls Binding pages to various data sources Displaying and updating single and multiple records with Data View controls Reporting data over the Web Customizing pages with Profiles.

PRE-REQUISITE:

COURSE NOTES:

P178015	CIVCONTR	U	HANDS-ON CRYSTAL REPORTS #126	0.8w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To * Develop reports using Crystal Reports to transform data into meaningful information * Create advanced graphical and crosstab reports * Add calculations and program logic with the Formula Workshop * Connect to data sources natively, via ODBC and OLE DB * Analyze database structures and extract the data you need to meet your reporting needs * Deploy reports to a Web browser or desktop application via Crystal Reports, Crystal Report Server & Visual Basic Course Benefits With the power of this industry-leading report-writing tool, Crystal Reports users and developers can integrate their organization's data, making sophisticated reports readily available to support critical business decisions. In this hands-on course, you gain extensive experience using Crystal Reports to connect to databases, retrieve raw data, format data, and create and present reports for widespread distribution. You return to your organization with a detailed process to help you connect to data sources and create useful reports right away.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178016	CIVCONTR	U	MANAGING AND MAINTAINING SERVER 2008	1w	PGK2	Arlington, VA
ECL:	70			**EIMET:**	No	

Learn about the latest Server release. Server 2008 incorporates many new features allowing for increased security and manageability. In this skills-driven course, you'll get an introduction to Microsoft's latest server platform and build the required hands-on foundational knowledge to implement, manage, and maintain Server 2008 in an enterprise environment.

PRE-REQUISITE:

COURSE NOTES:

P178017	CIVCONTR	U	DEPLOYING MICROSOFT OFFICE 2007 PROFESSIONAL PLUS	0.4w	PGK2	Arlington, VA
ECL:	70			**EIMET:**	No	

Prepare and plan for Office 2007 deployment. In this two-day instructor-led course, get the knowledge and skills you need to effectively deploy Microsoft Office 2007. Learn to prepare and plan for the Office 2007 deployment, build and customize the Office 2007 installation, and deploy Office 2007 throughout your environment. Also, learn about the Office 2007 setup and multilingual architecture.

PRE-REQUISITE:

COURSE NOTES:

P178018	CIVCONTR	U	INTERCONNCETING CISCO NETWORK DEVICES 2 (ICND2)	1w	PGK2	Arlington, VA
ECL:	70			**EIMET:**	No	

Prepares you for Cisco Exam 640-816 ICND2. This hands-on Authorized Cisco course builds on the foundation provided by ICND1 (Interconnecting Cisco Network Devices 1), providing a technical foundation for the rest of the Authorized Cisco curriculum. Whether your goal is to familiarize yourself with Cisco technology or to become a Cisco Certified Internetworking Expert, ICND1 and ICND2 are the place to start. To make learning even easier, we include the ICND2 Self-Paced e-Learning CD and five e-Lab credits so you can continue your studying any time, anywhere. This course not only delivers essential information needed to pass the CCNA certification exams, but it also includes comprehensive hands-on reinforcement to ensure that you add skills and not just knowledge. If you are new to Cisco, ICND2 prepares you for the tasks you will face on the job.

PRE-REQUISITE:

COURSE NOTES:

P178019	CIVCONTR	U	IMP, CONFIG, AND TROUBLESHOOTING WINDOWS VISTA	1w	PGK2	Arlington, VA
ECL:	70			**EIMET:**	No	

Learn to install, maintain, and troubleshoot Windows Vista computers. Get the knowledge and skills you need to successfully install, maintain, and troubleshoot Windows Vista computers. Learn to identify technical problems that can occur on your organization's client computers, and learn the Windows Vista tools used to monitor and maintain those computers. By the end of this course you will have installed and configured a Windows Desktop that is secure and on the network, while focusing on five main troubleshooting areas: operating system, hardware, networking, security, and applications.

PRE-REQUISITE:

COURSE NOTES:

P178020	CIVCONTR	U	HANDS-ON VISIO: EFFECTIVE VISUAL SOLUTIONS	0.4w	VAR	
ECL:	70			**EIMET:**	No	

Create professional diagrams for a wide range of applications with Visio Apply the built-in features of Visio, such as stencils, templates and connectors Develop diagrams to illustrate enterprise structure, workflow and scheduling Design detailed technical drawings for architectural and Information Technology purposes Link Visio diagrams to relational databases Integrate Visio with the Web to map Web sites and create Web page images. Microsoft Visio allows you to easily create a broad range of business and technical diagrams applicable to any organization. In this course, you learn to use the Visio built-in templates and stencils to create sophisticated diagrams. You also learn how to incorporate Visio diagrams in Microsoft Office applications, including Word documents, Excel spreadsheets and PowerPoint presentations.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178021	CIVCONTR	U	SERVICE-ORIENTED ARCHITECTURE INTRODUCTION	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Model, design and implement Service-Oriented Architecture (SOA) Create agile, reusable SOA Automate business processes by mapping to the architectural model Orchestrate services and execute processes with the Business Process Execution Language (BPEL) Achieve interoperability within SOA using proven standards and best practices Implement loosely coupled services using WSDL-first techniques. Modern software development paradigms include highly distributed applications implemented in Service Oriented Architectures (SOAs). Rather than discrete, disparate programs, SOA combines these programs into interoperable systems that map directly to business processes. In this course, you gain a foundation in the concepts, modeling, design and implementation of modern SOA. You gain the knowledge to strategically develop SOA methodologies, technologies, languages and tools.

PRE-REQUISITE:

COURSE NOTES:

P178022	CIVCONTR	U	JAVA PROGRAMMING COMPREHENSIVE INTRODUCTION	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Write, compile and execute Java programs Build robust applications using Java's object-oriented features Create robust applications using Java class libraries Develop platform-independent GUIs Read and write data using Java streams Retrieve data from a relational database with JDBC. Java's unique architecture enables programmers to develop a single application that can run across multiple platforms seamlessly and reliably. In this hands-on course, you gain extensive experience with Java and its object-oriented features. You learn to create robust console and GUI applications and store and retrieve data from relational databases.

PRE-REQUISITE:

COURSE NOTES:

P178023	S- 00-2001	U	460 ENGINEERING SCIENCE REFREHSER	26w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Engineering Science baccalaureate curriculum at Naval Post Graduate School. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P178024	CIVCONTR	U	DESIGNING AND BUILDING GREAT WEB PAGES	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Design the presentation and coherent organization of Web pages Build powerful Web content that effectively conveys your message Create and manage graphical content using Adobe Photoshop Develop standards-based Web sites with MS Expression Web and Macromedia Dreamweaver Generate Web pages and sites using XHTML, tables and Cascading Style Sheets Enhance Web pages with special effects and DHTML. Organizations can not afford to lose their competitive edge by presenting Web pages that are anything less than visually stimulating and user friendly. In this course, you employ a case study and gain experience with storyboarding techniques and layout design to deliver the power and flexibility of a professional Web page. You learn how to use comprehensive tools and exploit the latest techniques to enhance your Web presence.

PRE-REQUISITE:

COURSE NOTES:

P178025	CIVCONTR	U	ORACLE PL/SQL PROGRAMMING	1w	VAR	
ECL:	70			**EIMET:**	No	

Develop efficient PL/SQL programs to access Oracle databases Create stored procedures and functions for maximum reuse and minimum code maintenance Design modular applications using packages Manage data retrieval for front-end applications Bulk bind collections to increase the speed of data movement operations Invoke native dynamic SQL to develop high-level abstract code The Oracle PL/SQL language--a flexible procedural extension to SQL--increases productivity, performance, scalability, portability and security. In this course, you gain the practical knowledge to write PL/SQL programs. You learn to build stored procedures, design and execute modular applications, and increase the efficiency of data movement.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178026	CIVCONTR	U	JAVA XML APPLICATION DEVELOPMENT	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Leverage the power of Java's JAXP and XML to build enterprise applications Parse XML using DOM and Java Process XML sequentially with the event-driven SAX Generate and modify XML documents programmatically with DOM and JDBC Exploit DOM4J as an alternative to SAX and DOM Apply XSL style sheets programmatically to style XML documents. Java's unique architecture enables programmers to develop a single application that can run across multiple platforms. XML allows non-compatible systems to exchange data. Java and XML together provide a true enterprise application integration. In this course, you gain experience using Java to create and process XML documents. You also use Java to build a working prototype of a Web-based application that can generate, exchange, format and control XML.

PRE-REQUISITE:

COURSE NOTES:

P178027	CIVCONTR	U	ORACLE DATABASE 10G COMPREHENSIVE INTRODUCTION	1w	VAR	
ECL:	70			**EIMET:**	No	

Build, query and manipulate Oracle 10g databases to create powerful applications Retrieve and manipulate data efficiently using powerful SQL features Create and manage database tables, views and sequences Maintain data integrity and enforce security with privileges and roles Compose reusable structured PL/SQL code with cursors and procedures Enhance performance through indexes and PL/SQL optimization. To efficiently handle today's business-critical information, organizations count on database systems that are reliable and scalable, and on experienced professionals to manage them. In this course, you gain the practical knowledge and skills required to leverage the Oracle Database 10g server. Hands-on exercises provide experience in applying relational database concepts, leveraging the SQL language and programming with PL/SQL.

PRE-REQUISITE:

COURSE NOTES:

P178028	CIVCONTR	U	ORACLE DATABASE 11G COMPREHENSIVE INTRODUCTION	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Design, build and manage Oracle 11g database applications Establish a data model and a storage framework Retrieve and manipulate data efficiently using SQL Developer Create and manage database tables, sequences and synonyms Ensure data integrity, enforce security and enhance performance Write structured PL/SQL code to develop stored procedures, triggers and packages. The Oracle Database 11g server enables high-speed transactions, better business decisions and sophisticated applications. These capabilities provide users the functionality to build high-quality and efficient database applications. In this course, you gain a solid foundation to maximize Oracle 11g and develop robust databases for your organization.

PRE-REQUISITE:

COURSE NOTES:

P178029	CIVCONTR	U	PROJECT MANAGEMENT: SKILLS FOR SUCCESS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Produce a project plan for successful delivery Plan and run projects using best practices in a 6-step project management process Implement risk management techniques and mitigation strategies Estimate and schedule task work and duration with confidence Implement monitoring tools and controls to keep you fully in command of the project Recognize and practice the leadership skills needed to run a motivated team. As an effective project manager, you organize scarce resources, work under tight deadlines, control project change and generate maximum team performance. Through a simulated case study, you learn how to successfully plan, manage and deliver projects. You also learn how to implement project management processes, develop leadership skills and respond to real-world scenarios. At the end of the course, you take away templates and checklists for use back at the office. Who Should Attend Individuals who need to strengthen their project management skill sets, those new to project management, or project managers seeking a refresher on fundamental project management knowledge, skills and tools.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178030	CIVCONTR	U	ETHICAL HACKING AND COUNTERMEASURES	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Deploy ethical hacking to expose weaknesses in your organization and select countermeasures Gather intelligence by employing reconnaissance, published data and scanning tools Probe and compromise your network using hacking tools to test and improve your security Discover how malicious hackers exploit weaknesses to "own" the network Protect against privilege escalation to prevent intrusions Evade antivirus software, firewalls and IDS As network breaches become increasingly sophisticated, proactive defenses are essential to counter malicious attacks. In this course, you learn to discover weaknesses in your network using the same mindset and methods as hackers. You acquire the knowledge to systematically test and exploit internal and external defenses. You learn countermeasures and how to reduce risk to your enterprise.

PRE-REQUISITE:

COURSE NOTES:

P178031	CIVCONTR	U	SECURING WEB APPLICATIONS, SERVICES AND SERVERS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Prepare for SSCP Certification based on the (ISC)2 CBK Identify the access control standards and procedures that define users and user rights Explore security operations and administration policies that maintain confidentiality and availability Examine the risk, response and recovery processes essential for identifying and controlling information loss Recognize the cryptography principles for disguising information and ensuring information integrity Review core elements of network security including network structures and transmission methods. This course provides a comprehensive overview of information security concepts and industry best practices and is the only review course endorsed by (ISC)2. In this course, you cover the seven SSCP domains as outlined in the (ISC)2 CBK and analyze the latest information-system security issues. You also develop an individual study plan to enhance your exam preparation skills.

PRE-REQUISITE:

COURSE NOTES:

P178032	CIVCONTR	U	BEST PRACTICES IN JAVA PROGRAMMING	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Apply Java best practices to increase productivity and build fast, secure and reliable applications Automate deploying, testing and detecting bugs in software applications Solve architectural problems with proven design patterns and advanced language features Maximize software performance Improve the reliability of threaded applications Code securely in Java and authenticate with industry-standard security frameworks. Java provides features to build robust, secure and responsive applications. Knowledge of the language and APIs alone is not enough to exploit the full power of Java. Developers must take advantage of proven best practices and industry-standard software development techniques. This course provides the skills needed to solve real-world software development problems and deliver fast, reliable applications.

PRE-REQUISITE:

COURSE NOTES:

P178033	CIVCONTR	U	VISUAL BASIC 2008 PROGRAMMING	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Build multitier applications in Visual Basic 2008 from reusable software components Design object-oriented components with inheritance and polymorphism Exploit advanced language features, including interfaces, generics and exceptions Build middle-tier components that access data with ADO.NET and LINQ Design and code Windows and Web user interfaces Deploy applications via the Internet with Click Once. Visual Basic 2008 (also known as Visual Basic 9) enables programmers to effectively exploit the .NET runtime environment. This course provides the knowledge and techniques needed to build distributed Visual Basic applications. You develop the skills required to take advantage of a combination of component- and object-oriented syntax in VB to achieve increased reusability.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178034	CIVCONTR	U	DEVELOPING A WEB SITE	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Establish, configure and maintain an intranet or Internet Web site Develop and publish Web pages using HyperText Markup Language (HTML) Optimize page styles and layout with Cascading Style Sheets (CSS) Configure a Web server Capture, retrieve and display information via a database Produce dynamic Web pages using server-side and client-side scripts. Functional and attractive Web sites are critical elements of success for most organizations. In order to stand out from the competition, a site must be aesthetically appealing as well as perform smoothly and efficiently. In this hands-on course, you gain the knowledge and practical skills you need to develop a Web site. You learn the fundamentals of HTML syntax and layout, creating effective Web pages, configuring a Web server and interfacing your Web site to databases.

PRE-REQUISITE:

COURSE NOTES:

P178035	CIVCONTR	U	ADV CISCO ROUTERS	10w	VAR	
ECL:	70			**EIMET:**	No	

Optimize Cisco router configuration for large and complex IP internetworks Manage IP information flows with Cisco routers Deploy scalable routing protocols: EIGRP, OSPF and BGP Minimize core routing tables with route summarization Map between private and public addresses with Network Address Translation (NAT) Strengthen network security with Cisco access lists. Cisco routers are a central component of many complex internetworks. In this course, you gain the knowledge and skills required to master the advanced features of Cisco router configuration.

PRE-REQUISITE:

COURSE NOTES:

P178036	CIVCONTR	U	SECURING EXCHANGE 2007	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Create a secure Exchange 2007 environment Assess e-mail vulnerabilities within your organization Protect your environment from internal threats Minimize risk to Exchange servers from malicious Internet-based attacks Implement certificates effectively to safeguard e-mail content Benefit from the built-in features of Exchange and third-party products to assist in regulatory compliance. Administrators are under constant demand to safeguard messaging data. Exchange 2007 provides the capability to secure the integrity and availability of e-mail within an organization. In this course, you gain the knowledge and skills to build a secure Exchange 2007 infrastructure and successfully implement its built-in compliance features.

PRE-REQUISITE:

COURSE NOTES:

P178037	CIVCONTR	U	CONTROLLING NETWORK ACCESS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Secure enterprise networks using access control tools and best practices Deploy advanced filtering techniques to add state and support Quality of Service (QoS) Block attack traffic using intrusion prevention systems (IPS) and application-level firewalls Detect, mitigate and limit the impact of zero-day attacks with IPS Deny rogue and untrusted computer access with network access control (NAC) and 802.1x authentication Ensure secure communication with IPsec and SSL/TLS VPNs. As enterprises expand, networks are exposed to increasing amounts of traffic that can pose a threat to mission-critical data. The ability to control internal and external access is vital in establishing a secure architecture. In this course, you gain the practical skills and knowledge required to perform information assurance that protects data integrity and maintains organizational credibility.

PRE-REQUISITE:

COURSE NOTES:

P178038	CIVCONTR	U	ITIL V2: CHANGE, CONFIGURATION & RELEASE MGMT	1w	VAR	
ECL:	70			**EIMET:**	No	

Prepare for and take the ITIL Change, Configuration and Release Management Certification Exam Plan key activities for Change Management, Configuration Management and Release Management Define the monitoring and reporting requirements of key performance indicators and achievements Organize the relationships between the Change, Configuration and Release Management processes Propose continuous improvements for the Change, Configuration and Release Management processes Optimize the Change, Configuration and Release Management processes. By implementing the Change, Configuration and Release Management processes, IT departments can control what is in the infrastructure and manage how and when changes are made. In this course, you learn how to plan, implement and optimize the Change, Configuration and Release Management processes and gain the skills necessary to take the ITIL Change, Configuration and Release Management Certification Exam.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178039	CIVCONTR	U	PROGRAMMING WINDOWS AND SMART CLIENT APPLICATIONS	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Program Windows and smart client applications with C# and Visual Basic Design rich graphical user interfaces (GUIs) using advanced .NET controls Employ the .NET Framework for serialization, file I/O, multithreading and globalization Accelerate data binding with generics and ADO.NET Data Sources Leverage ClickOnce for easy application deployment Create custom and user controls for rapid application development. Windows applications installed over the Web--smart clients--provide a rich user interface, the ability to exchange data over networks, and are nearly as easy to deploy and manage as Web applications. This course provides the skills to design, program and deploy Windows Forms applications with VB and C#. You also learn to create custom controls, bind to XML and databases, and access data over the Internet via Web services.

PRE-REQUISITE:

COURSE NOTES:

P178040	CIVCONTR	U	PROGRAMMING WITH NET	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Design and program Web and Windows applications using Microsoft .NET and Visual Studio 2008 Write object-oriented code using Visual Basic and C# language syntax Analyze user requirements and design classes, user interfaces and databases Create ASP.NET Web applications and process Web Forms Control Web site access with Web Forms authentication Build SQL Server databases and access them using ADO.NET Microsoft .NET is a suite of tools which enables you to easily develop modern software applications. In this course, you acquire the fundamental knowledge and hands-on experience to write applications using Visual Basic and C#. You learn how to design object-oriented applications with Visual Studio, create ASP.NET Web applications and connect to the database using ADO.NET.

PRE-REQUISITE:

COURSE NOTES:

P178041	CIVCONTR	U	SOFTWARE CONFIGURATION MANAGEMENT (SCM)	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Design and program Web and Windows applications using Microsoft .NET and Visual Studio 2008 Write object-oriented code using Visual Basic and C# language syntax Analyze user requirements and design classes, user interfaces and databases Create ASP.NET Web applications and process Web Forms Control Web site access with Web Forms authentication Build SQL Server databases and access them using ADO.NET. Microsoft .NET is a suite of tools which enables you to easily develop modern software applications. In this course, you acquire the fundamental knowledge and hands-on experience to write applications using Visual Basic and C#. You learn how to design object-oriented applications with Visual Studio, create ASP.NET Web applications and connect to the database using ADO.NET.

PRE-REQUISITE:

COURSE NOTES:

P178042	CIVCONTR	U	WINDOWS SERVER 2003: COMPREHENSIVE HANDS-ON INTRO	1w	VAR	
ECL:	70			**EIMET:**	No	

Manage and configure Windows Server 2003 for your environment Optimize file system resources to maximize access to data Organize and administer the Active Directory Implement security on local and network resources Upgrade to Windows Server 2003 R2 Manage file, network and printer resources with Windows Server 2003 R2.Windows Server 2003 enables organizations to build a robust and reliable enterprise infrastructure to manage and secure users, resources and network applications. This course provides the essential foundation for managing your Windows Server 2003 system. You gain experience in the first steps toward evaluating, designing and managing a Windows Server 2003 environment.

PRE-REQUISITE:

COURSE NOTES:

P178043	CIVCONTR	U	MIGRATING TO IPV6	0.8w	VAR	
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178044	CIVCONTR	U	ORACLE APPLICATION SERVICE 10G R2: ADMINISTRATOR	1w	POCP	Reston, VA
ECL:	70			**EIMET:**	No	

Oracle Application Server 10g R2: Administrator This course introduces the architecture of Oracle Application Server 10g (10.1.2.0.2) and enables the participants to effectively install and manage Oracle Application Server 10g(10.1.2.0.2). The participants learn how to access and use Oracle Application Server management tools, and practice the basic management tasks such as starting and stopping of Oracle Application Server 10g instances and its components. The participants gain hands-on experience in configuring the Oracle Application Server 10g Infrastructure and the Oracle Application Server 10g middle-tier. They also learn to deploy J2EE applications such as Web applications. They learn the concepts of identity management and how to configure and manage Oracle Internet Directory, Oracle Application Server Single Sign-On Server, and the Oracle Application Server Certificate Authority. The participants learn how to leverage Oracle Identity Management Infrastructure for securing OracleAS Portal. Participants also learn the procedures involved in backing up and restoring the Oracle Application Server 10g instances from backup in case of a disaster.

PRE-REQUISITE:

COURSE NOTES:

P178045	CIVCONTR	U	ORACLE DATABASE 10G BACKUP & RECOVERY	1w	POCP	Reston, VA
ECL:	70			**EIMET:**	No	

Oracle Database 10g Backup and Recovery After completing this course, students should be able to evaluate their own recovery requirements and develop an appropriate strategy for backup and recovery procedures. They learn how to use RMAN and Enterprise Manager to perform backup and recovery operations. Flashback features are described as an additional way to recover from human error. This Course includes Oracle Secure Backup, which supplies reliable tape backup of the database through direct integration with RMAN and also provides general file system backup to tape capabilities. Students install Oracle Secure Backup and use it to back up Oracle Database files and file system files.

PRE-REQUISITE:

COURSE NOTES:

P178046	CIVCONTR	U	INTRO TO BUSINESS ANALYSIS	0.6w	VAR	
ECL:	70			**EIMET:**	No	

During Introduction to Business Analysis, participants will learn to:* Perform key functions of the business analyst * Apply a solid business analysis framework * Evaluate and prioritize the feasibility of various business initiatives * Quantify appropriate benefits and costs to support a business case * Plan a detailed requirements development process using best practices * Deliver the requirements package and support downstream development Course Benefits: Business analysis is a critical process that drives the project life cycle. The business analyst, acting as an intermediary between the business and technical communities, analyzes competing business needs and develops plans to implement the projects that support stakeholder objectives. In this course, participants gain foundational knowledge of the role and function of the business analyst. Participants also learn to apply a clearly defined business analysis framework.

PRE-REQUISITE:

COURSE NOTES:

P178048	CIVCONTR	U	DEPLOYING SHAREPOINT SERVER 2007	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Microsoft Office SharePoint Server 2007 is a robust and complex product that enables organizations to share vast amounts of information in a centralized, collaborative way. An effective deployment strategy is essential to the successful integration of SharePoint Server 2007 in your organization. This course provides the knowledge and critical skills to plan, deploy and configure MOSS 2007 in an enterprise environment. You Will Learn How To:-Deploy and configure Microsoft Office SharePoint Server (MOSS) 2007 -Plan for and design a SharePoint Server 2007 implementation -Execute an effective deployment plan -Customize SharePoint Server 2007 settings for optimal performance -Employ document management techniques to improve productivity -Extend enterprise-wide collaboration capabilities

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178049	CIVCONTR	U	LINUX COMPREHENSIVE INTODUCTION	0.8w	VAR	
ECL:	70			**EIMET:**	No	

The Linux open source operating system offers a wide range of graphical and command line tools that can be used to implement a high-performance, stable and inexpensive server. Throughout this course, you gain the essential knowledge and hands-on skills to leverage Linux for your organizational advantage. You learn to create, edit and search Linux files, control permissions and ownership, process and format text data, and use shell scripts to perform multiple tasks. You Will Learn How To:-Manage, control and automate Linux GNU open source tools -Create, edit and search Linux files and directories -Limit access within the file system by controlling permissions and ownership -Combine GNU filter commands in pipelines to process and format text data -Exploit Bash shell features to enhance the command line interface -Perform multiple tasks in shell scripts

PRE-REQUISITE:

COURSE NOTES:

P178050	CIVCONTR	U	DETECTING AND ANALYZING INTRUSIONS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

IDSs are the most powerful tools for alerting analysts to network- and host-based exploits. In this course, you gain knowledge of how attackers break into networks, how an IDS can play a key role in detecting these attacks, and how NSM can be used to analyze these events. You also learn how to configure, deploy and tune an IDS to identify attacks, and how to use NSM techniques to resolve IDS alerts. You Will Learn How To:-Detect and analyze network- and host-based intruder attacks -Integrate intrusion detection systems (IDS) into your current network topology -Tune IDS operations using the latest tools and techniques -Scope and remediate intrusions with Network Security Monitoring (NSM) -Correlate IDS alerts with scanner vulnerability information -Enhance IDS detection by writing custom signatures

PRE-REQUISITE:

COURSE NOTES:

P178051	CIVCONTR	U	WINDOWS SERVER 2008: COMPREHENSIVE HANDS-ON INTRO	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Windows Server 2008 provides organizations with a reliable and flexible enterprise infrastructure with dynamic management capabilities and location-independent, highly available resources. This course provides a solid foundation for managing and supporting Windows Server 2008. You gain the skills needed to harness the power of this sophisticated operating system and its tools. You Will Learn How To:-Install, manage and support Windows Server 2008 in your enterprise -Set up and administer Domain Controllers to build a reliable Active Directory -Configure server and workstation settings with PowerShell and Group Policies -Secure file system resources and restore servers from full backups -Create and maintain Organizational Units (OUs), users and groups -Streamline administration with virtualization, Terminal Services and Server Core

PRE-REQUISITE:

COURSE NOTES:

P178052	CIVCONTR	U	WINDOWS SERVER 2008 ADMINISTRATION	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Organizations are facing a multitude of administrative challenges to their infrastructure. Windows Server 2008 provides administrators with powerful and flexible tools to overcome these challenges and manage complex server environments. In this course, you gain the practical experience to administer, troubleshoot and secure a Windows Server 2008 environment. You Will Learn How To:-Maintain, troubleshoot and secure Windows Server 2008 -Implement key security components to protect your server -Develop and deploy a patch management strategy -Leverage built-in components to create a highly available infrastructure -Optimize and tune system performance for greater responsiveness -Recover from system failures with troubleshooting tools and techniques

PRE-REQUISITE:

COURSE NOTES:

P178054	CIVCONTR	U	EMBRY RIDDLE AERONAUTICAL UNIVERSITY TRAINING	1w	PEMB	Pensacola, FL
ECL:	70			**EIMET:**	No	

EMBRY RIDDLE AERONAUTICAL TRAINING AT NAS PENSACOLA www.erau.edu/pensacola

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178057	CIVCONTR	U	XML: COMPREHENSIVE HANDS-ON INTRODUCTION	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Course Benefits Today, it is no longer enough to just have a presence on the Web; you must maintain constant and immediate access to your customers in order to remain competitive. XML offers an easier way to conduct business-to-business transactions and a better means for handling data. In this course, you gain comprehensive knowledge and hands-on experience using XML and related technologies including XSL, schemas, XPath, XQuery and DOM. You Will Learn How To-Leverage the power of Extensible Markup Language (XML) and related technologies -Access and modify information within an XML document using the Document Object Model (DOM) -Dynamically transform XML documents into various display formats -Ensure XML data is valid and conforms to design requirements using schemas -Implement strategies to secure XML data interchange -Integrate XML into Web Services and Ajax applications

PRE-REQUISITE:

COURSE NOTES:

P178058	CIVCONTR	U	SQL SERVER 2005 DATABASE ADMINISTRATION	1w	VAR	
ECL:	70			**EIMET:**	No	

Course Benefits Administration of your organization's SQL Server databases is improved by effectively maximizing the scalability, availability and security features of SQL Server 2005. This course offers extensive experience using SQL Server 2005 tools to install SQL Server, create and modify storage structures, back up and recover databases, and manage security. You Will Learn How To-Administer SQL Server 2005 with SQL Server Management Studio and Transact-SQL -Create and manage databases, transaction logs and database snapshots -Implement login and database security and manage permissions -Develop a backup and recovery strategy -Manage complex multistep jobs with SQL Server Agent -Deploy and manage transactional replication

PRE-REQUISITE:

COURSE NOTES:

P178061	CIVCONTR	U	DEVELOPING USER REQUIREMENTS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To Write well-formed and validated user requirements Organize and sequence requirements into a user requirements document Prepare a plan for completing a user requirements project Conduct efficient user requirements elicitation meetings Analyze requirements using a process mapping methodology Manage changes to the user requirements Course Benefits: Successful projects begin by developing clear business and user requirements. This course provides the skills to write well-formed, testable, verifiable user requirements. You learn to enhance your requirements development processes and develop individual skills for getting the right information from your stakeholders.

PRE-REQUISITE:

COURSE NOTES: LEARNING TREE

P178062	CIVCONTR	U	DEPLOYING WINDOWS VISTA	0.6w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To Plan and deploy Windows Vista and Windows Server 2008 in the enterprise Develop customized Windows Imaging Format (WIM) files Manage licensing and continuous client reactivation Streamline migration and security updates to reduce implementation costs Automate deployments through Lite Touch Installations and Zero Touch Installations Maintain deployment images through offline editing Course Benefits: An effective deployment strategy is essential to the successful integration of Windows Vista and Windows Server 2008 in your organization. This course provides the knowledge and skills to plan, manage and optimize client and server deployments. You also learn to administer licensing and facilitate cost-effective migration and security updates.

PRE-REQUISITE:

COURSE NOTES: LEARNING TREE

P178063		U	A DEV AJAX WEB 2.0 APP: HANDS-ON COURSE 986	0.8w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To" Develop Ajax-powered interactive and dynamic Web sites " Design accessible interfaces for cross-browser compatibility " Integrate frameworks for data exchange on multiple server environments " Leverage toolkits to rapidly create rich user-friendly interfaces " Optimize and strengthen code to build stable applications " Protect vital information from interception Course Benefits Ajax is a powerful Web development technique for creating interactive Web applications that respond in the same familiar way as desktop applications. Enhancing your organization's current Web site with Ajax increases usability and customer satisfaction while maintaining a competitive edge. In this course, you gain the practical skills required to effectively design, create and implement Ajax-enabled Web sites.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178064		U	SYSTEMS ANLYS & DESIGN: A COMP HANDS ON INTRO CRSE 322	0.8w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To" Analyze user requirements and design robust, change-tolerant software using UML " Select the right software architecture for your evolving business needs " Design a robust core of stored information for new or existing legacy requirements " Control complex behavior for effective decision making and user interaction " Adopt a development process that ensures robust database and Web-enabled systems " Achieve optimum quality systems through UML techniques and supporting CASE tools Course Benefits In today's rapidly moving business environment, competitive advantage is achieved through the speedy delivery of responsive software that can adapt to evolving technology and changing user expectations. Controlling and managing such software depends on three critical elements: standards, architecture and process. This comprehensive introduction provides you with the knowledge and skills to effectively utilize these elements, delivering robust, future-proof software, particularly within database and Web-enabled environments.

PRE-REQUISITE:

COURSE NOTES:

P178065		U	UNIX: A COMPREHENSIVE HANDS-ON INTRO COURSE 428	0.8w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To" Manage data, execute commands and customize your UNIX environment " Locate files by name, owner, type and other characteristics " Navigate the UNIX directory hierarchy, manipulate files and control file access " Interact with and customize the KornShell " Extract and process information with filters and pipes " Develop shell scripts to simplify and automate frequent tasks Course Benefits UNIX is a highly reliable multiuser, multitasking operating system for environments ranging from mission-critical clusters and servers to workstations and desktops. It has become the operating system of choice for servers on the Internet. In this course, you gain the fundamental knowledge and skills necessary to take full advantage of this powerful and flexible system.

PRE-REQUISITE:

COURSE NOTES:

P178066		U	(CSS) FOR WEB PAGE DEV: HANDS-ON CRSE 522	0.6w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To" Develop fast, efficient, accessible and attractive Web pages using CSS and HTML " Generate tableless page layouts with pure CSS " Build pages that are optimized for search engines " Apply best practices to develop cross-browser compatible Web pages and avoid pitfalls " Implement menu designs for effective site navigation " Create Web sites that meet Section 508 and W3C accessibility standards Course Benefits Organizations are under increasing pressure to produce sophisticated, attractive and contemporary Web sites that work on a variety of browsers and are optimized for search engines. In this course, you design and rapidly develop cross-platform Web pages using CSS and HTML. You also learn how to create effective site navigation, optimize pages for layout and printing, and design pages that meet the most stringent compliance regulations.

PRE-REQUISITE:

COURSE NOTES:

P178067		U	WINDOWS SERVER 2008 GRP PLCY MGT: HANDS-ON CRS 963	0.6w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To" Centrally manage workstations and servers with Group Policy Objects (GPOs) " Lock down user desktops and control computer configurations " Leverage techniques to target GPOs to specific clients " Create highly reliable and robust software deployment strategies " Enhance security with improved GPO features " Troubleshoot failures and optimize GPO performance Course Benefits Maintaining highly reliable and secure Windows environments in a cost-effective manner is a challenge for many organizations. Group Policies provide the ability to centrally manage your workstation and server configurations while streamlining administrative tasks and reducing IT costs. This course provides the knowledge and skills you need to create and manage effective Group Policies.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178068		U	WINDOWS SERV 2008 SECTY INFRASTR: HANDS-ON CRS 964	0.6w	VAR	
ECL:	70			**EIMET:**	No	

You Will Learn How To" Apply Windows Server 2008 features to secure your infrastructure " Deploy a Windows-based Public Key Infrastructure (PKI) as a foundation for security services " Enhance access controls with policy-based multifactor authentication " Build a scalable encryption solution that assures recovery of protected data " Install and configure Network Access Protection (NAP) to exclude unhealthy computers " Implement Domain Isolation to decrease network risk for sensitive servers Course Benefits Securing the network infrastructure has become a top priority and a major technical challenge for most organizations. Windows Server 2008 provides powerful and complex technologies for decreasing network risk and improving policy compliance. This course provides you with the knowledge and skills necessary to correctly implement these solutions.

PRE-REQUISITE:

COURSE NOTES:

P178069	CIVCONTR	U	LINUX: HANDS ON INTRODUCTION	0.8w	PLTR	Rockville, MD
ECL:	70			**EIMET:**	No	

The Linux open source operating system offers a wide range of graphical and command line tools that can be used to implement a high-performance, stable and inexpensive server. Throughout this course, you gain the essential knowledge and hands-on skills to leverage Linux for your organizational advantage. You learn to create, edit and search Linux files, control permissions and ownership, process and format text data, and use shell scripts to perform multiple tasks. Who Should Attend: Those interested in gaining the fundamental knowledge necessary to work with Linux. Basic computer knowledge is assumed.

PRE-REQUISITE:

COURSE NOTES:

P178070	CIVCONTR	U	DEPLOYING VMWARE VSPHERE	0.8w	PLTR	Rockville, MD
ECL:	70			**EIMET:**	No	

Virtualizing the infrastructure offers tremendous opportunity to reduce total cost of ownership and improve disaster recovery. However, implementing an optimal configuration requires a thorough knowledge of the technology along with practical experience. This course prepares you to manage a vSphere-based enterprise environment using the vCenter Server 4.0 and ESXi 4.0 Server. Who Should Attend: System administrators, data center infrastructure architects, systems engineers and operators as well as those interested in implementing ESXi 4.0 and/or vCenter Server 4.0. Experience with system administration of Windows or Linux and networking knowledge are assumed. A basic familiarity with SAN storage is helpful.

PRE-REQUISITE:

COURSE NOTES:

P178071	CIVCONTR	U	JAVA PROGRAMMING	0.8w	PLTR	Rockville, MD
ECL:	70			**EIMET:**	No	

Java's unique architecture enables programmers to develop a single application that can run across multiple platforms seamlessly and reliably. In this hands-on course, you gain extensive experience with Java and its object-oriented features. You learn to create robust console and GUI applications and store and retrieve data from relational databases. Who Should Attend: Anyone developing Java applications. Previous experience with a programming language such as C, Pascal or COBOL is assumed. Familiarity with Web technologies and object concepts is helpful.

PRE-REQUISITE:

COURSE NOTES:

P178072	CIVCONTR	U	LEARNING TREE - VARIOUS IT TRAINING (MISC)	0w	VAR	
ECL:				**EIMET:**	No	

This MASL is for various courses offered by Learning Tree at various locations. It precludes the development of multiple MASL'S which are normally only used once. Notes: Learning Tree is a by request vendor course.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P178110		U	NAVY EXECUTIVE DEVELOP PROGRAM-STRATEGIC THINKING	1w	PCHN	Chapel Hill, NC
ECL:	70			**EIMET:**	No	

The Strategic Thinking course provides a collaborative and powerfully engaging opportunity for Admirals, Generals and members of the Senior Executive Service to heighten awareness and deepen personal insights related to innovation, business transformation and financial management. Through the presentation of cutting edge business concepts and best practices, the course challenges participants to test their assumptions and discover new possibilities. Prominent speakers from private industry, government, defense, science and academia motivate participants to broaden their thinking and expand intellectual comfort zones through interaction with one another. The course design is based on classic research by Mintzberg1 on the roles undertaken by senior managers, which fall into three major groups: leadership/interpersonal, informational, and decision making. Under the rubric of leadership, we focus on leading transformational change as well as effective utilization of human capital. The sessions on informational roles address the strategic use of information technology for achieving business objectives. Finally, the sessions on the decision making roles of senior managers provide the financial and analytical tools required for making effective decisions at the flag officer level. A highlight of the course is a set of presentations by very senior leaders from the Department of the Navy, who provide strategic direction and inspiration to course participants.

PRE-REQUISITE:

COURSE NOTES:

P179003	A-433-0103	U	INTERNATIONAL DIVING COURSE	13.6w	PDIV	Panama City, FL
ECL:	80R			**EIMET:**	No	

This course is designed to provide International Students with basic and advanced training in SCUBA and Surface Supplied Diving procedures used by the US Navy. Scope: This course provides basic and advanced instruction in diving equipment, operations and procedures. Instruction includes training in diving physics; diving medicine; SCUBA equipment, operations and procedures; Surface Supplied diving equipment, operations and procedures; recompressions chamber equipment, operations and procedures; basic ship construction; salvage principles and operations; Advanced diving physics and dive operation planning; advanced diving medicine; diving supervisor training; recompression chamber inside tender training; diving casualty control operations; Mixed Gas diving theory and operations. The course includes classroom theory, practical in-water diving and hands on supervisory training including rigorous physical and in-water training exercises."Class size 25"BRING A GOOD PAIR OF RUNNING SHOES AND ONE PAIR OF STEEL-TOED BOOTS.

PRE-REQUISITE:

COURSE NOTES:

P179014	A-450-0014	U	SENIOR MUSICIAN	30w	PMUS	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

The Senior Musician Course is designed to prepare senior musician personnel in the Navy and Marine Corps (E6-E7) to perform the duties of the Senior Enlisted Assistant Director/Enlisted Bandmaster. Course Overview: The course content includes conducting/rehearsal techniques, instrumental performance, ear training, theory, counterpoint, history, form and analysis, and band scoring. This course prepares the student for the highest levels of responsibility through advanced score study, ear training, and rehearsal techniques. In addition to advanced "core" academic subjects, emphasis in this course focuses on conducting and rehearsing the concert band and large jazz ensemble. Student to teacher ratio is limited to 12:1, allowing for more personalized instruction. Students also maintain a computer workstation at their desk, enabling them to take advantage of the most current music education software available. Navy personnel completing this course earn a new primary NEC (3851). Prerequisites: All students must have completed the Music Basic Course (A-450-0010 and one of the following courses: Ceremonial Conductor/Drum Major Course (A-450-0016) (no longer available) or Unit Leader Course (A-450-0012). A waiver for the Unit Leader or Ceremonial Conductor/Drum Major Course prerequisite may be granted with the successful completion of a written diagnostic screening examination

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179018	CT-CMR	U	CIV-MIL RESP TO TERRORISM	2w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) conducts a two-week Combating Terrorism Fellowship Program (CTFP) and Expanded International Military Education and Training (IMET) approved course entitled Civil-Military Responses to Terrorism, at the Naval Postgraduate School, in Monterey, CA. The key objectives of the course are to: support international understanding of the politico-military components of combating international terrorism; and enhance the capabilities of coalition partners to develop effective short- and long-term programs to combat terrorism that are consistent with democratic principles. The Civil-Military Responses to Terrorism course provides a thorough understanding of terrorism in all its forms, with considerable emphasison strategy formulation and international cooperation. The program utilizes case studies and simulation exercises to stimulate thoughtful discussion, providing participants with the insight needed by decision-makers and their advisors to design successful strategies to defeat terrorist networks; protect citizens and property; and address the root causes of terrorism. The course is offered twice per year, in Spring and Autumn. Overseas versions of this course can be delivered to single countries by Mobile Education Teams under MASL#P309069, or to regional groupings of countries under the MASL#P273011.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures. Target rank is 0-4 through 0-6 and the civilian equivalents.

PRE-REQUISITE:

COURSE NOTES:

P179020	NON-ST	U	CONTRACTOR SUPPORT TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

Miscellaneous contractor support training.

PRE-REQUISITE:

COURSE NOTES:

P179021	CT-CMR	U	CIMIC & COMBATING TERRORISM (CT)	1w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) workshop course entitled "Civil-Military Cooperation (CIMIC) and Combating Terrorism," exportable on demand to all IMET recipient countries. This course is designed specifically for countries that have, or are proposing to develop and furnish, dedicated CIMIC units, or individuals that may support such missions. The intended audience is mid to senior civilian defense and military officers in the ranks of captain to major general and civilian equivalents from the Ministry of Defense involved in the decision-making process to generate forces/agencies to support these operations. The key objectives of the course are to provide instruction and technical assistance to: (1) review existing and emerging international and recipient country CIMIC concepts for support of multinational and interagency anti-terrorism and counterinsurgency operations (2) evaluate recipient country objectives for CIMIC force support of these operations within current multilateral agreements and the recipient country s national security policy and other national political constraints (3) analyze the recipient country s CIMIC force comparative value-added contributions for such operations, and identify CIMIC operational and tactical core competencies with respect to these missions (4) establish the framework for a recipient country s CIMIC and related inter-ministerial force and doctrinal development, as well as training and skills development with respect to these missions (5) draft an implementation 6) conduct an initial review of material and financial resources required for establishing a deployable recipient CIMIC/inter-ministry capacity to support these operations CCMR s approach to teaching this course is to focus delivery to the specific conditions and requirements of the recipient country. In keeping with CCMR s approach to delivering instruction and technical assistance projects, priority is placed on combining education and practical application in the form of draft procedural and implementation guidelines and take-away references for further independent development, provided to the country s defense leadership for action and the ODC/SCO as a status report on the state of the recipient country capability. Course objectives are achieved through rigorous application of problem-solving with emphasis on working with military officers and civilians in a group setting. In the development of draft procedures and arrangements, CCMR stresses the importance of: the need for their integration with existing formal international processes and systems; and the concurrent development of implementation plans. At the end of this course, the recipient country will be better prepared for providing CIMIC/inter-ministry response to anti-terrorism and counterinsurgency challenges. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, CCMR faculty teams are relatively small (two to three individuals) consisting of proven military and civilian subject-matter experts drawn from around the world. Translation The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179022	CT-CMR	U	MARITIME TERRORISM	1w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Education and Training (IMET) and Counter Terrorism Fellowship Program (CTFP) course entitled 'Maritime Terrorism.' The course is conducted in Monterey, California for candidates from all IMET and CTFP recipient countries. The intended audience is mid- to senior-level military, civilian (typically from the ministries of Defense, Interior, Justice, or Foreign Affairs), and law enforcement agency members involved in the decision making process surrounding national and international security issues. For this course, the most appropriate officials will be those having some responsibility for maritime security issues. Ordinarily, participants hold ranks of Lieutenant (O-3) through Rear Admiral and their civilian equivalents, depending on source country arrangements. The key objectives of this course are to provide instruction, discussion, case studies, and classroom exercises to:1) Understand maritime terrorism and the challenges governments face in preparing for it.2) Distinguish maritime terrorism from piracy and examine ways to deal with both phenomena.3) Provide a thorough understanding of potential maritime threats to naval forces, commercial shipping, ports, ordinary citizens, and critical infrastructure.4) Examine the issues relevant to port security.5) Introduce a methodology for developing strategies to counter maritime terrorism and piracy.6) Examine the mutually supportive roles of civil authority, military responses, and law enforcement agencies, emphasizing the need for interagency coordination.7) Discuss the dynamics of international cooperation in the fight against maritime threats.8) Learn the most effective ways governments can prepare for and manage the consequences of terrorist attacks in the maritime domain. Please note that this course is scheduled twice a year immediately preceding or following the two week course P179018 'Civil-Military Responses to Terrorism (Global)'.

PRE-REQUISITE:

COURSE NOTES:

P179023	GPOI-CCMR	U	GPOI UN CMCOORD COURSE	2w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (E-IMET) course entitled "United Nations Civil-Military Coordination (UNCMCOORD) Course," exportable on demand to all IMET recipient countries. The purpose of the course is to prepare and train civil-military liaison officers (CMLOs) in the rank of Captain - Lieutenant Colonel or the civilian equivalent for service in United Nations Multi-national Headquarters or within US contingents that conduct Peace Support Operations (PSO). The course will meet current standards of performance established by the United Nations and include best practices from training being conducted by other peacekeeping Nations. Specifically the training will address the most recent changes in the civil-military PSO environment, which will influence the staff officer assigned to a multi-national, coalition headquarters within the context of a United Nations, coalition of the willing or regional peace operation. Given the potential of varying skill levels of officers from various participating nations, the proposed CMCOORD Officer training program represents a master menu, which defines all aspects of possible CMLO training. This training can be tailored according to each nation's particular needs to provide a consistency of approach, with all nations achieving a common level of staff interoperability IAW United Nations' Standard Training Module (STM) Level 2 guidelines. The program will establish baseline skills necessary to operate within a UN, coalition or regional peacekeeping force headquarters. These staff skills constitute the foundation of a credible PKO response and the skills are critical to operational effectiveness. The key objectives of the course are to provide instruction and technical assistance to:(1) Introduce the UN / Coalition type of Mission system as a common basis for the performance of peace operations Civil-Military Liaison duties.(2) Co-operation and co-ordination within mission components, between the military staff and different civilian components and with parties involved in the conflict, with specific emphasis on those duties required of CMLOs.(3) Operational principles and procedures of UN and regional Peace Support Operations.(4) Knowledge of UN conflict control operations, especially: use of UN peacekeeping tactics and techniques, Use of force, Rules of Engagement (ROE), legal aspects of peace operations(5) Co-operation and co-ordination with UN Agencies, International Organizations and NGOs(6) Code of Conduct(7) Political, social, cultural, religious and other factors influencing operations in mission areas(8) Liaison, negotiation and mediation(9) Security Issues and force protection(10) Human Rights responsibilities Priority is placed on combining education and practical application in the form of theoretical presentations and small group staff exercises. Course procedural and implementation guidelines along with take-away references for independent national course development, are provided to the country's defense leadership, for further developing national CMLO education and training capacity, and to the ODC/SCO as a status report on the recipient country improved PSO capability. Course objectives are achieved through rigorous application of problem-solving techniques with emphasis on working with military officers and civilian counterparts in a group setting. At the end of this course, the recipient country will be better prepared to provide trained mid-career military officers and civilian officials for service as civil-military liaison officers. Participants will understand the relationship of national military training to the UN Standardized Training Modules 2-1 (UN Officer Common Training) and 2-6 (UN CMCoord). Moreover, the recipient nation's peacekeeping training staff will better understand how to adapt UN CMLO training programs to meet changing operational requirements. TRAINING AUDIENCE: Civilian and military personnel in the rank of Captain to Colonel or the civilian equivalent that will participate in peace support operations. Emphasis should be to personnel who will be conducting peace support operations training structures or a peacekeeping training center, then to staff officers. This course can be offered as an MTT under MASL P309068.

PRE-REQUISITE:

COURSE NOTES:

P179024	CIVCONTR	U	MISC CONTRACTOR TRNG-PCT	0w	VAR	
ECL:	70			**EIMET:**	No	

Miscellaneous Contractor Training

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179028	S- 00-2001	U	686 STABILIZATION & RECONSTRUCTION	65w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

Course is designed to equip military officers and civilians from post-conflict nations (and from nations and NGOs assisting them) with the specialized expertise, problem-solving skills, and the management tools to build effective security institutions. The curriculum also will focus on mechanisms to keep these security institutions under democratic control, and to strengthen security in a way that helps support economic and political development. In addition, students will gain graduate-level expertise needed to deal with terrorist threats that threaten development efforts and to meet the political, organizational, and management challenges posed by broader peace support operations (PSO). COURSE APPROVED FOR EIMET. This is a 15 month program, offered once a year, starting in September 02 and convening in Sept in each year thereafter. A MINIMUM COHORT OF 15-20 STUDENTS WILL BE REQUIRED TO CONVENE THE CLASS. Standard NPS admission procedures will apply for this course. Student selection will be coordinated with Navy IPO and DSCA. DEGREE: Master of Arts in Security Studies (Stabilization and Reconstruction)SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179029	S- 00-2001	U	687 DEFENSE DECISION MAKING AND PLANNING	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

This curriculum prepares future strategists and planners by providing an understanding of the domestic and international variables involved in strategic planning, and the formulation of defense and security policy. It combines the three interrelated areas of general strategic studies, joint and combined planning, and international organization and negotiation to address the dynamic challenges of the future security environment. This inter-disciplinary curriculum emphasizes the strategic interests and objectives of the United States, its allies, and potential adversaries; the roles, structures, and effectiveness of international organizations and international law as they affect national security policy; the effects of arms control and threat proliferation; and the process of U.S., allied, and adversary strategic decision-making. U.S. students in this curriculum also have the opportunity to complete phase I JPME. The program will accomplish its purpose by providing the specialized expertise, problem-solving skills, and management tools required by civilians and military officers (U.S. and international) to address current and emergent strategic planning problems. The NSA department is a unique environment in which to pursue this course of studies since its student body is inherently joint and combined, providing students with both a stimulating intellectual environment and an opportunity to establish networks and life-long working relationships with fellow officers from other services and countries. DEGREE: Master of Arts in Security Studies (Defense Decision-Making and Planning) SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179030	S- 00-2001	U	360 OPERATIONS RESEARCH - PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

PHD program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179031	S- 00-2001	U	681 REG SEC STUDIES (MDE,SA, SUB-SAH AFRICA) MA	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

Provides students with a wide knowledge and thorough understanding of the complex inter-related environments pertaining to national security affairs, as well as addresses the interface between international politics, civil-military relations, and national security objectives. Places emphasis on the proper role of the military in a democratically elected government. Curricula focus is on the history, culture, and religion of a specific region or country and provides students with a knowledge of current issues, economic and political structures and institutions, military forces, including strategic capabilities and policy implications, and geopolitical influences. Students receive extensive exposure to human rights issues. Curricula under this program include the following area studies for Middle East, South Asia, and Sub-Saharan Africa. DEGREE: MASTER OF ARTS IN SECURITY STUDIES (MIDDLE EAST, SOUTH ASIA, AND SUB-SAHARAN AFRICA). SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179032	S- 00-2001	U	682 REG SEC STUDIES (FE/SEAS/PACIF) MA	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

Provides students with a wide knowledge and thorough understanding of the complex inter-related environments pertaining to national security affairs, as well as addresses the interface between international politics, civil-military relations, and national security objectives. Places emphasis on the proper role of the military in a democratically elected government. Curricula focus is on the history, culture, and religion of a specific region or country and provides students with a knowledge of current issues, economic and political structures and institutions, military forces, including strategic capabilities and policy implications, and geopolitical influences. Students receive extensive exposure to human rights issues. Curricula under this program include the following area studies for the Far East, Southeast Asia, and Pacific. DEGREE: MASTER OF ARTS IN SECURITY STUDIES (FAR EAST, SOUTHEAST ASIA, AND THE PACIFIC) SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179033	S- 00-2001	U	684 REGIONAL SEC STUDIES (EUROPE/EURASIA) MA	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

MA degree program. Provides students with a wide knowledge and thorough understanding of the complex inter-related environments pertaining to national security affairs, as well as addresses the interface between international politics, civil-military relations, and national security objectives. Places emphasis on the proper role of the military in a democratically elected government. Curricula focus is on the history, culture, and religion of a specific region or country and provides students with a knowledge of current issues, economic and political structures and institutions, military forces, including strategic capabilities and policy implications, and geopolitical influences. Students receive extensive exposure to human rights issues. Curricula under this program include the following area studies for Europe and Eurasia. DEGREE: Master of Arts in Security Studies (Europe and Eurasia)SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179034	S- 00-2001	U	683 REGIONAL SEC STUDIES (WESTERN HEM) MA	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

MA degree program. Provides students with a wide knowledge and thorough understanding of the complex inter-related environments pertaining to national security affairs, as well as addresses the interface between international politics, civil-military relations, and national security objectives. Places emphasis on the proper role of the military in a democratically elected government. Curricula focus is on the history, culture, and religion of a specific region or country and provides students with a knowledge of current issues, economic and political structures and institutions, military forces, including strategic capabilities and policy implications, and geopolitical influences. Students receive extensive exposure to human rights issues. Curricula under this program include the following area studies for the Western Hemisphere. Degree: Master of Arts in Security Studies (Western Hemisphere) SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179039	S- 00-2001	U	DEFENSE TECHNOLOGY & SYS - MS	52w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

Provides qualified personnel with an advanced understanding of the dynamic complexity of military warfare for exploiting emerging technologies to achieve war-fighting advantages. The joint curriculum provides a platform for the education and the integration of operational staff and defense technologists to plan, design, develop, create, operate and sustain Integrated Military Forces of the 21st Century. The first two quarters of the joint curriculum will be conducted at National University of Singapore by faculty from NUS and NPS, and will provide a firm grounding in key technical and project management skills. The third to sixth quarters will be conducted at NPS, where the students will enter into designated specialization tracks such as Communication Systems, Sensor Systems, Operations Research, Information Assurance and Guided Weapons Systems. The students will blend their operational experience with a thorough technical education to expeditiously integrate new technological capabilities into operational applications. Upon successful completion of the coursework, an integrated project, and thesis research, the student will be awarded a joint NPS/NUS Master of Science degree in the appropriate technical field, such as Electrical Engineering, Computer Science, Mechanical Engineering, Operations Research. NOTE: PREREQUISITE INFO: THIS IS A JOINT MASTERS DEGREE WITH THE NATIONAL UNIVERSITY OF SINGAPORE (NUS). THE FIRST TWO QUARTERS ARE TO BE COMPLETED IN RESIDENCE IN SINGAPORE AND ARE NOT INCLUDED IN THE MASL. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179042	S- 00-2001	U	698 JOINT INFORMATION OPERATIONS - MS	78w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Graduates will be able to employ information in support of full spectrum dominance be taking advantage of information technology, exploiting the growing worldwide dependence upon automated information systems and capitalizing upon near real time global dissemination of information to affect adversary decision cycles with the goal of achieving information superiority for the United States. This capability will be possible only after students develop a thorough understanding of the enduring nature of war. The curriculum is designed for both the specialist who will be assigned to an information operations position and the generalist who will be assigned to the operations directorate. The curriculum includes a core of military art and operations, the human dimension of warfare (psycho-social), analytical methods, and a technical sequence customized for each student. Additionally, each student will have an elective sequence designed to further develop an in-depth understanding of joint information operations. Finally, each student will write a thesis relevant to the field of information operations. This program is open to all branches of the military, federal employees, international military officers and government sponsored civilians.

PRE-REQUISITE:

COURSE NOTES:

P179045	GPOI-CCMR	U	GPOI UNITED NATIONS STAFF OFFICERS COURSE (UNSOC)	2w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (E-IMET) course entitled "Global Peace Operations Initiative (GPOI) United Nations Staff Officers Course," exportable on demand to all IMET recipient countries. The purpose of the course is to prepare and train staff officers from the Captain - Lieutenant Colonel or the civilian equivalent for service in United Nations Multi-national Headquarters or within US contingents that conduct Peace Support Operations (PSO). The course will meet current standards of performance established by the United Nations and include best practices from training being conducted by other peacekeeping Nations. Specifically the training will address the most recent changes in the environment, which will influence the staff officer assigned to a multi-national, coalition headquarters within the context of a United Nations, coalition of the willing or regional peace operation. Given the potential of varying skill levels of officers from various participating nations, the proposed Staff Officer training program represents a master menu, which defines all aspects of possible training. Training can be tailored according to each nation's particular needs to provide a consistency of approach, with all nations achieving a common level of staff interoperability. The program will establish baseline staff skills necessary to operate within a UN, coalition or regional peacekeeping force headquarters. These staff skills constitute the foundation of a credible PKO response and the skills are critical to operational effectiveness. The key objectives of the course are to provide instruction and technical assistance to:(1) Introduction to a UN / Coalition type of Mission staff system as a common basis for the performance of peace operations staff duties.(2) Co-operation and co-ordination within the staff, between the military staff and different civilian components and with parties involved in the conflict.(3) Operational principles and procedures of UN and regional Peace Support Operations.(4) Knowledge of UN conflict control operations, especially: use of UN peacekeeping tactics and techniques, Use of force, Rules of Engagement (ROE), legal aspects of peace operations(5) Co-operation and co-ordination with UN Agencies, International Organizations and NGOs(6) Code of Conduct(7) Political, social, cultural, religious and other factors influencing operations in mission areas(8) Liaison, negotiation and mediation(9) Security Issues and force protection(10) Human Rights responsibilities Priority is placed on combining education and practical application in the form of theoretical presentations and small group staff exercises. Course procedural and implementation guidelines along with take-away references for independent national course development, are provided to the country's defense leadership, for further developing national Staff Officer education and training capacity, and to the ODC/SCO as a status report on the recipient country improved PSO capability. Course objectives are achieved through rigorous application of problem-solving techniques with emphasis on working with military officers and civilian counterparts in a group setting. At the end of this course, the recipient country will be better prepared to provide trained mid-career military officers and civilian officials for service as UN Staff Officers. Participants will understand the relationship of national military training to the UN Standardized Training Modules 2-1 (UN Officer Common Training) and 2-4 (UN Staff Officer). Moreover, the recipient nation's peacekeeping training staff will better understand how to adapt UN staff officer training programs to meet changing operational requirements. Training Audience: Civilian and military personnel in the rank of Captain to Colonel or the civilian equivalent that will conduct peace support operations. Emphasis should be to personnel who will be conducting peace support operations training structures or a peacekeeping training center then to staff officers. Faculty Teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. CCMR faculty teams are relatively small consisting of proven military and civilian subject-matter experts drawn from around the world. Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. Funding: The course may be provided through either the GPOI program, E-IMET/IMET or FMF/FMS funding.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179046	GPOI-CCMR	U	GPOI UNITED NATIONS MILITARY OBSERVER TRNG (UNMO)	3w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) course entitled "Global Peace Operations Initiative (GPOI) United Nations Military Observer Training," exportable on demand to all IMET recipient countries. The purpose of the course is to prepare officers (Capt. - Lt. Col.) for service as United Nations Military Observers (UNMO) in any current and/or upcoming United Nations Peacekeeping Mission. The course will meet current standards of performance established by the United Nations and best practices from training being conducted by other peacekeeping Nations. Specifically the training will address the most recent changes in the environment, which influence Military Observer training. Given the potential of varying skill levels of the forces and of participating nations, the proposed Military Observer training program represents a master menu, which defines all aspects of possible training. Training can be tailored according to each nation's particular needs to provide a consistency of approach, with all nations achieving a common level of interoperability. The program will establish baseline observer skills necessary to operate within a UN, coalition or regional peacekeeping force. These basic skills constitute the foundation of a credible PKO force and the skills are critical to operational effectiveness. The key objectives of the course are to provide instruction and technical assistance to: (1) Introduction to Peace Support Operations. (2) Knowledge of UN conflict control operations, especially: UN organization and function, relations between UN components and local authorities, and legal aspects (3) UNMO cooperation with UN Agencies, International Organizations and NGOs (4) Specific Observer duties (5) Code of Conduct (6) Political, cultural, social, religious and other mission area factors (7) Liaison, negotiation and mediation (8) Force Security (personal security) (9) Human Rights obligations (10) Logistics support of Observer Missions Priority is placed on combining education and practical application in the form of theoretical presentations and the completion of a field practicum. Course procedural and implementation guidelines along with take-away references for independent national course development, are provided to the country's defense leadership, for further developing national UNMO education and training capacity, and to the ODC/SCO as a status report on the recipient country improved PSO capability. Course objectives are achieved through rigorous application of problem-solving with emphasis on working with military officers in a group settings. At the end of this course, the recipient country will be better prepared to provide trained mid-career military officers for service as UNMO. Participating officers will understand the relationship of national military training to the UN Standardized Training Module 2-3 (UNMO). Moreover, the recipient nation's peacekeeping training staff will better understand how to adapt UNMO training programs to meet changing operational requirements. Training Audience: Military personnel in the rank of Captain to Lieutenant Colonel that will conduct UN Military Observer duties and train military observers. Emphasis should be to personnel who will be conducting UN Military Observer training or a peacekeeping training center then to UN Military Observers. Faculty Teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. CCMR faculty teams are relatively small consisting of proven military and civilian subject-matter experts drawn from around the world. Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. Funding: The course may be provided through either the GPOI program, E-IMET/IMET or FMF/FMS funding.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179047	GPOI-CCMR	U	GPOI UNITED NATIONS LOGISTICS OFFICERS COURSE	2w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) course entitled "Global Peace Operations Initiative (GPOI) United Nations Logistics Officers Course," exportable on demand to all IMET recipient countries. The purpose of the course is to prepare trained logistics officers (Capt. - Lt. Col.) for service in United Nations Multinational Headquarters or in US contingents that conduct Peace Support Operations (PSO). The course will meet current standards of performance established by the United Nations and include best practices from training being conducted by other peacekeeping nations. Specifically the training will address the most recent changes in United Nations' logistic procedures and the PSO mission environment, which will influence the logistics officer assigned to a multi-national, coalition operation within the context of a United Nations, or regional peace operation. Given the potential of varying skill levels of officers from various participating nations, the proposed Logistics Officer training program represents a master menu, which defines all aspects of possible training. Training can be tailored according to each nation's particular needs to provide a consistency of approach, with all nations achieving a common level of staff interoperability. The program will establish baseline logistics staff skills necessary to operate within a UN, coalition or regional peacekeeping force headquarters. These logistics skills constitute the foundation of a credible PKO response and are critical to operational effectiveness. The key objectives of the course are to provide instruction and technical assistance to:(1) Introduction to a UN Mission structure as a common basis for the performance of logistics staff duties.(2) The UN logistics management structure including national, mission and UN HQ responsibilities(3) Co-operation within the staff, between the military logistics staff and the United Nations civilian logistics staff. (4) Operational and logistical principles and procedures in a UN Peace Support Operation.(5) Knowledge of UN Logistics, UN Supply and UN Movement Control Systems.(6) Co-operation and co-ordination with UN Agencies, International Organizations and NGOs(7) Code of Conduct(8) Political, social, religious and other factors prevailing in mission areas(9) Liaison and Negotiation(10) Security and force protection issues Priority is placed on combining education and practical application in the form of theoretical presentations and small group staff exercises. Course procedural and implementation guidelines along with take-away references for independent national course development, are provided to the country's defense leadership, for further developing national Logistic Officer education and training capacity, and to the ODC/SCO as a status report on the recipient country improved PSO capability. Course objectives are achieved through rigorous application of problem-solving techniques with emphasis on working with military officers and civilian counterparts in a group setting. At the end of this course, the recipient country will be better prepared to provide trained mid-career military officers and civilian officials for service as UN Logistic Staff Officers. Participants will understand the relationship of national military training to the UN Standardized Training Modules 2-1 (UN Officer Common Training) and 2-5 (UN Staff Officer). Moreover, the recipient nation's peacekeeping training staff will better understand how to adapt UN staff officer training programs to meet changing operational requirements. Training Audience: Civilian and military personnel in the rank of Captain to Colonel or the civilian equivalent that will conduct peace support operations. This course is also valuable for Logistic Planners (UN Missions) and personnel dealing with reimbursements from the United Nations Faculty Teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. CCMR faculty teams are relatively small consisting of proven military and civilian subject-matter experts drawn from around the world. Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. Funding: The course may be provided through either the GPOI program, E-IMET/IMET or FMF/FMS funding.

PRE-REQUISITE:

COURSE NOTES:

P179067	S- 00-2001	U	399 MODELING OF VIRTUAL ENVIRONMENTS SIMULATION - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

This curriculum provides the student both fundamental and specialized courses in applied computer simulation technology and the application of quantitative analyses to human-computer interaction in simulation technology. Specific topics include object-oriented programming, artificial intelligence, software methodology, computer communications and networks, computer graphics, virtual worlds and simulation systems, physically based modeling, probability, statistics, stochastic modeling, data analysis and human performance evaluation. MS degree program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179068	S- 00-2001	U	399 MODELING OF VIRTUAL ENVIRONMENTS SIMULATION - PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

399 MODEL VIR ENVIRON -PHD SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179069		U	INTERNATIONAL DEFENSE ACQUISITION NEGOTIATIONS	1.6w	PATM	Monterey, CA
ECL:	80			**EIMET:**	Yes	

The International Defense Acquisition Resource Management Program (IDARM) offers a two-week Expanded International Military Education and Training (E-IMET) approved course entitled "International Negotiations", at the Naval Postgraduate School, Monterey, California twice yearly. The key objectives of this course are: 1. To develop an understanding of cross cultural negotiations. 2. To familiarize course participants with a structured approach to planning and preparing for negotiations. 3. To examine analytical techniques and fact finding methodologies as aids to developing a negotiation position and best alternatives to a negotiation position. 4. To learn and apply various negotiation strategies and tactics and understand their situational use. 5. To provide an opportunity to prepare a negotiation plan and to actually negotiate complex issues in difficult negotiation situations. The course is taught by resident faculty from the School of International Graduate Studies and Graduate School of Business and Public Policy. Faculty lectures are augmented by presentations from distinguished practitioners who are negotiation experts. The course focuses on planning and preparing for negotiations with a special emphasis on negotiation of complex issues in a multi-cultural environment. Extensive in class negotiations are conducted. Course participants learn their negotiating style preference and how and when to adapt their negotiation styles given the behavior and goals of the parties. Topics include fact finding techniques, gathering and use of information, selection of negotiators, characteristics of good negotiators, use of teams in negotiations, strategies and tactics for effective negotiations, ethics, types of power bases, analytical methodologies, relationship building in negotiations, developing negotiation arguments and counterarguments, developing negotiation positions, timing and pace; cultural considerations, communication and language barriers, identifying best alternatives to a negotiation position, completing the negotiation, drafting and signing negotiations agreements and enforcing negotiation agreements. A capstone multi-cultural negotiation exercise focuses on the analysis of information, preparation of a formal negotiation plan, planning for negotiations, actual negotiations and completion of a negotiation agreement Participants: This course is designed for U.S. and international military officers and civilian equivalents of grades O4-O6, who directly or indirectly contribute to development of negotiation positions, conduct analysis of information or participate in negotiations. Countries are encouraged to nominate more than one participant. Course Dates: The course is offered in March and November (fifth quarter event) of each year directly following the Principles of Defense Procurement and Contract Management course. The course can be exported and customized given a countries specific requirements. In country MASL is P309134. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179075		U	NCAGS COMMUNICATIONS COURSE	1w	PMMA	Kings Point, NY
ECL:	70			**EIMET:**	No	

Officer and Enlisted personnel CURRICULUM SECURITY- No clearance required PLANNED START DATE - Promulgated on yearly schedule PURPOSE - The NCAGS Communications course is designed to provide NCAGS personnel in-depth knowledge and practical exercises with respect to the various software and data systems that are used for the effective employ of NCAGS. Upon completion of this course the student will be familiar with the use of software and data systems used in Shipping Coordination Centers and Shipping Coordination Teams to the extent that they can be deployed to either and have minimal difficulty establishing and/or standing watch. SCOPE - The course is instructor-based with computer-aided instruction. Each student will have the use of a GMATS Laptop loaded with all the appropriate software for the duration of the course. The trainee receives training on the following subjects: Command and Control Personal Computer, NAMESIS, networking theory, data flow, and various other communications systems used by NCAGS professionals.

PRE-REQUISITE: Students should have completed the NCAGS Basic Course prior to attending the NCAGS Communications Course. This NCAGS Communications Course is open to all rates but all students must be assigned to an NCAGS unit in order to enroll. A security clearance is not required. SKILL AWARD (NEC, NOBC, MOS) - A student successfully completing this course is issued a certificate of completion.

COURSE NOTES:

P179076		U	NCAGS SHIPPING COORDINATION TEAM COURSE	1w	PMMA	Kings Point, NY
ECL:	70			**EIMET:**	No	

Officer and Enlisted personnel CURRICULUM SECURITY- No clearance required STUDENT SECURITY - No clearance required PLANNED START DATE - Promulgated on yearly schedule PURPOSE - The Shipping Coordination Team Course is designed to provide NCAGS personnel in-depth knowledge and practical exercises with respect to establishing and operating an exportable Shipping Coordination Team. Upon completion of this course the student will be familiar with the doctrine, procedures, manning, and tactics used in/for Shipping Coordination Teams. The students can then be deployed and have minimal difficulty establishing and operating a Shipping Coordination Team. SCOPE - The course is instructor-based with computer-aided instruction. Each student will have the use of a GMATS Laptop loaded with all the appropriate software for the duration of the course. The trainee receives training on the following subjects: NCAGS doctrine and publication, manning considerations, standard operating procedures, and formatted messaging.

PRE-REQUISITE: Students should have completed the NCAGS Basic Course prior to attending the Shipping Coordination Team Course. This course is open to all rates but all students must be assigned to an NCAGS unit in order to enroll. A security clearance is not required. SKILL AWARD (NEC, NOBC, MOS) - A student successfully completing this course is issued a certificate of completion.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179085	GPOI-CCMR	U	GPOI PEACE SUPPORT OPS COMMANDERS COURSE (PSOCC)	2w	PCMR	Monterey, CA
ECL:	80			**EIMET:**	Yes	

Conduct 1.The PSOCC will be conducted in residence, at the Naval Postgraduate School. The participants will be from other GPOI participating countries in the region or worldwide. CCMR GPOI Program Manager is responsible for liaison with possible host countries. The duration of training will be ten working days (weekend rest / cultural / social program).Aim of the PSOCC Training2.The aim of the PSOC Course is to prepare potential Commanders in the role and responsibilities of contingent commanders, battalion commanders, and sector commanders in complex peacekeeping operations, both for UN Operations and other multinational operations. Training Outcome3.The course will contribute to capacity building for troop contributing countries. Participants will be prepared for appointment as future commanders for DPKO and other PSO missions. On completion of the course, participants are expected to be competent in the knowledge, skills and attributes required to lead contingents, battalions and sector formations in complex PSO Missions. Training Objectives4.The GPOI/CCMR PSOC Course will enhance capacities of GPOI participating nations by developing command leadership capabilities and increase the number of trained commanders available for selection to command posts in DPKO /PKO peacekeeping missions The specific objectives of the PSOC course are to: a. Create an understanding of the complexity and characteristics of the operational environment in today's conflicts and the commanders' role in an integrated mission. b. Ensure understanding of the importance of Cooperation, Coordination, and Communication at the operational level among the military, humanitarian, and political actors. c. Develop awareness and understanding of the capabilities and limitations of the various components of complex peacekeeping operations. d. Enhance understanding of the underpinning legal framework of UN peace operations and the attendant Integrated Mission Planning Process (Including SOFA and ROEs). e. Create a common understanding of the UN system and various agencies in the field including aspects of operational coordination. f. Ensure understanding of the responsibilities and roles of the Commander to effectively lead personnel employed in peacekeeping operations. g. Enhance understanding of the importance of addressing various cross-cutting issues to include Gender and the implementation of SCR 1325, Code of Conduct & Discipline, Sexual Exploitation and Abuses (SEA), etc, through sound leadership and administration. h. Understand the elements of conflict management and develop skills and the ability to apply basic principles of negotiations and mediation. Course Conduct 5.The duration of the course will be 10 working days. The training methodology will include presentations from SME in conjunction with group discussions and plenary discussions. The focus of the group discussions will be problem solving based on a fictitious peacekeeping operations scenario or standalone problems related to various aspects of Peace Support Operations. Course Facilitators/Staff6.The resource staff for the PSOC Course will consist of 3-4 SMEs and one senior SME (with experience as a Commander in the field). Participants 7.The optimum course participant strength 25 participants. These participants will be identified among GPOI participating countries world-wide. Participant rank or grade should be equivalent to LtCol - BrigGen level. Previous Peacekeeping experience is desirable.

PRE-REQUISITE:

COURSE NOTES:

P179086		U	CONUS (ISPS) CODE IMPLEMENTATION SEMINAR	1w	VAR	
ECL:	70			**EIMET:**	No	

This seminar will provide U.S. maritime trading partners with the opportunity to visit U.S. ports to learn how the ISPS Code has been implemented to establish and maintain effective anti-terrorism measures at ports. The objective of the seminar is to help improve and standardize international maritime port security practices as well as increase cooperation and exchange of port security information between the U.S. and our maritime trading partners. Participants will spend one day at USCG Headquarters for briefs on U.S. Port State Control, implementation of the Maritime Transportation Security Act (MTSA), the Transportation Worker Identification Credential (TWIC) and the International Port Security (IPS) Program. Participants will then spend several days visiting U.S. port facilities and USCG units learning how each facility has implemented the ISPS Code and MTSA. Port facilities are selected based on interests of the individual host nation and to the extent that USCG operational units are able to support. This seminar will be customized for the maximum benefit of visiting delegates. Target Audience: Host nation participants should typically consist of members from the Port Authority, Navy, Police Force or other organizations (military, government and non-government) with port security responsibilities. USCG can provide recommendations to the Embassy on the appropriate host nation audience. This seminar may be scheduled following the International Ship and Port Facility Code Implementation Seminar (P309213).

PRE-REQUISITE:

COURSE NOTES:

P179087	CIVCONTR	U	HSO-5H (CHG 1) WITH SUP HJ	0.6w	PBSM	ST Charles, MO
ECL:	70			**EIMET:**	No	

HSO-5H (Chg 1) WITH SUP HJ Introduction and Operation (Engagement Planner) for canister equipped ships.

PRE-REQUISITE:

COURSE NOTES:

P179088	CIVCONTR	U	HSM-8H HARPOON MAINTENANCE TRAINING	9w	PBSM	ST Charles, MO
ECL:	70			**EIMET:**	No	

HSM-8H HARPOON MAINTENANCE TRAINING Harpoon Weapon System An/SWG-1A(v) Maintenance for Canister Equipped Ships

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179091		U	MARKING CLASSIFIED INFORMATION	0.2w	PDSN	Linthicum, MD
ECL:	80			**EIMET:**	No	

Examines the requirements and methods for marking classified documents and other classified material. Lessons address general marking requirements, marking originally classified information, marking derivatively classified information, marking special types of documents and materials, changes in markings, marking foreign government information and marking Atomic Energy information. Target Audience: DoD military, civilian and contractor personnel who generate and mark classified information and materials. COURSE REQUIREMENTS: Passing grade (75%) on exam at end of course to receive a written certificate of successful completion. WEB-BASED (must be taken onsite at the Center for Development of Security Excellence (CDSE), Linthicum, MD)CDSE course numbers are IF105.16 (course) and IF105.06 (exam)Use one MASL for online course and corresponding course exam. Duration: 2 hours

PRE-REQUISITE:

COURSE NOTES: ON-SITE (E-LEARNING)

P179092		U	INTRODUCTION TO PERSONNEL SECURITY	0.2w	PDSN	Linthicum, MD
ECL:	80			**EIMET:**	No	

This course introduces the management practices and procedures required to administer the Department of Defense (DoD) Personnel Security Program (PSP) at the military base/installation level. The course provides an overview of the elements of the PSP to include: designation of sensitive duties; investigative and adjudicative practices; security officer responsibilities under the PSP one-time access requirements; special security program requirements; and due process procedures. The course identifies the types of personnel security investigations (PSIs), the position sensitivity or duties associated, and the agency authorized to conduct PSIs. Target Audience: DoD civilian, military and contractor personnel who support the DoD PSP. Non-DoD personnel with similar responsibilities are encouraged to register because elements and concepts contained in the course apply to other Federal personnel security programs. This course is specifically designed to address the needs of individuals requiring an overview of the PSP not directly responsible for managing the program. Personnel Security Program. Non-DoD personnel with similar responsibilities are encouraged to apply since elements and concepts contained in the course apply to other federal personnel security programs. Course Requirements: Student must obtain 75% on exam at the end of course to receive a written certificate of successful completion. WEB-BASED (must be taken onsite at the Center for Development of Security Excellence (CDSE), Linthicum, MD). CDSE course numbers PS113.16 (course) and PS113.06 (exam) Use one MASL for online course and corresponding course exam

PRE-REQUISITE:

COURSE NOTES: ON-SITE (E-LEARNING)

P179093		U	INTRODUCTION TO INFORMATION SECURITY	0.2w	PDSN	Linthicum, MD
ECL:	80			**EIMET:**	No	

This course is an interactive Web-based course. The course provides an introduction to the Department of Defense (DoD) Information Security Program. The Introduction to Information Security course provides students with a basic understanding of the legal and regulatory basis for the program and how the program is implemented throughout DoD. After completing this course, the student will be familiar with the DoD Information Security Program. Duration: 2 hours Target Audience: DoD military and civilian personnel with little or no experience working with classified information. Course Requirements: A passing grade (75%) on examination at end of course allows students to print a certificate of successful completion. WEB-BASED (must be taken onsite at the Center for Development of Security Excellence (CDSE), Linthicum, MD.CDSE course numbers IF011.16 (course) and IF011.06 (exam) Use one MASL for online course and corresponding course exam.

PRE-REQUISITE:

COURSE NOTES: ON-SITE (E-LEARNING)

P179094		U	RADAR WAVEFORMS: PROP, ANALYSIS, DESIGN, & APP	0.6w	PGAT	Atlanta, GA
ECL:	70			**EIMET:**	No	

Understand radar waveforms and the tools necessary to analyze, design, and select them for particular applications. Examine waveform properties using graphics, equations, demonstrations, and an interactive software tool. Get insight into techniques for analyzing and designing waveforms based on fundamental waveform properties and the desired application. Learn the impact of error sources and hardware/system limitations on performance as well as the impact of radar mode on waveform selections. Notes: Who should attend: Course is for Engineers and Scientists.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179095		U	TA-O ENGINEERING FAMILIARIZATION	1w	PMMA	Kings Point, NY
ECL:	70			**EIMET:**	No	

5 day course designed to familiarize vessel engineering officers and crew in operation of Diesel Propulsion plant, Automation console and controls. Maintenance of automation console and associated equipment will be included. Prerequisite Courses: Engineering Officer or Technician

PRE-REQUISITE:

COURSE NOTES:

P179103	CIVCONTR	U	CONTR SHIP TRANSFER TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

To provide training for the Crews of Ships Transferred in accordance with SECNAVINST 4950.4 (series) and the ship transfer legislation authorizing the transfer. On-board or ship introduction training will be by a Mobile Training Team (MTT) in areas not covered by formal schools or pre-structured team training. Areas considered appropriate for on-board training include: orientation and familiarization training for personnel, general military training, operation/maintenance training for basic equipments which are not sufficiently complex to justify formal training, and other mandatory training requirements, as determined by the country and the USN Ship Transfer Training Coordinator. During the transfer certain watch stations, such as fire watches, security and in-port operation of selected equipment/systems, will be required. While each crew member will have received training in basic operation and maintenance of individual systems/equipments, additional on-board training in watch station qualification will be required. Watch station qualification is a continuing requirement designed to ensure that the crew is effectively trained in standard operating procedures, emergency bills, and casualty drills. Qualification of individuals in underway watch stations will be based upon applicable Personnel Qualification Standards (PQS) or, where PQS does not exist, qualification requirements locally developed.

PRE-REQUISITE:

COURSE NOTES:

P179105	S- 00-2001	U	847 MANPOWER SYSTEMS ANALYSIS - MS	91w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

MS Degree program. Program is designed to fill the leadership roles in military manpower management. MPTA is an extremely analytical curriculum intended to develop skills necessary to perform and evaluate manpower analyses. As such, the curriculum emphasizes mathematical, statistical, and other quantitative methods. Areas covered include an understanding of MPT policy development, compensation systems, productivity analysis, enlistment supply and retention models, manpower requirements determination processes, career mix, enlistment incentives, reenlistment incentives, training effectiveness measures and hardware/ manpower tradeoffs. Students gain familiarity with current models and methods of MPT analysis as well as military MPT organizations and issues. Convenes once annually (July). SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179107	S- 00-2001	U	362 HUMAN SYS INTEGRATION - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The Naval Postgraduate School is pleased to announce a new degree program in Human Systems Integration (HSI). This program, the first of its kind in the nation, focuses on the integration of the human element in the design, acquisition, and operation of complex technologies and weapons systems. Human Systems Integration emphasizes human considerations as a top priority in modern systems design in order to reduce life cycle costs and optimize system performance, and advocates a human-centered approach in the design, acquisition, testing and operation of human-machine interfaces. Human Systems Integration at NPS is a multidisciplinary program composed of several basic areas: Human Factors Engineering, System Safety, Health Hazards, Habitability, Human Survivability, and Manpower, Personnel, and Training. Similarly, our multidisciplinary approach provides students with experiences in a variety of NPS academic departments and disciplines, including Human Factors, Operations Research, Modeling of Virtual Environments and Simulation (MOVES), Systems Engineering, and Business Administration. This approach ensures that each student is exposed to a wide range of basic theory and applied research, as well as allowing for diverse opportunities for research and thesis topics. In addition, our on-site Human Systems Integration Laboratory (HSIL) provides a broad range of research and testing opportunities. Upon completion of their master s thesis, students will earn a Master of Science degree in Human Systems Integration, and will graduate with the skills vital to the human systems integration needs of today s military and civilian institutions. This program is open to all branches of the military, federal employees, international military officers and government sponsored international civilians. Course Prerequisites: Undergraduate degree, any discipline, or equivalent college level math preferred. Quotas: Unlimited Course start: January (Only) SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179108	S- 00-2001	U	570 MECHANICAL ENGINEERING - PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

PHD program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179109	S- 00-2001	U	590 ELECTRICAL ENGINEERING - PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

PHD program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179110		U	CONUS POST ASSESSMENT SEMINAR & SITE VISIT	1w	VAR	
ECL:	70			**EIMET:**	No	

This course is a CONUS seminar combined with site visits to various USCG units. The seminar and locations are developed specifically to meet host nation requirements in various mission areas. Host nation visitors get the opportunity to meet and receive briefs from training program managers and USCG subject matter experts about USCG day to day operations. It provides the opportunity to visit the U.S. and be exposed, based on specific requirements, to selected USCG training centers, port facilities, units, Command Centers or small boat stations. Port facilities are selected based on the host nation request and to the extent that USCG operational units are able to support. The seminar will be customized for the maximum benefit of visiting delegates. Note: Participants would typically consist of members from the Port Authority, Coast Guard, Customs, Navy, Police Force or other organizations (military, government and non-government) with maritime responsibilities.

PRE-REQUISITE: This course is a follow-on support to an in-country developmental needs assessment.

COURSE NOTES:

P179127	S- 00-2001	U	837 FINANCIAL MANAGEMENT	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

Masters degree program. The objective of the Financial Management Curriculum is to prepare officers for business and financial positions within the Navy. Financial Managers assist the services decision-making processes at all levels by providing accurate, timely and relevant information. They are concerned with the optimal allocation of human, physical and financial resources to achieve the services goals and objectives while assuring efficient and effective expenditure of public funds. Graduate courses cover topics such as financial reporting standards, cost standards, cost analysis, budgeting, internal control, auditing, management planning and control systems, quantitative techniques used in planning and control, and the Planning Program and Budgeting Systems used within the Department of Defense. Graduates of the Financial Management Curriculum will be prepared for assignment to positions in budgeting, accounting, business and financial management, and internal control and auditing. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179129	S- 00-2001	U	369 SOFTWARE ENGINEERING - MSSE	78w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

This Software Engineering program at the U.S. Naval Postgraduate School provides military and government graduate students with an opportunity to learn all aspects of software development and the skills needed to efficiently and reliably plan and create large-scale software systems using the best available tools. These skills are essential for officers and civilians responsible for acquisition, development or maintenance of military software. The MSSE offers a four-quarter full-time curriculum with entry dates in October. An accredited Bachelors degree in computer science, computer engineering, or related field, with above-average grades in mathematics and at least two years of software development or maintenance experience is required for entry. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179134		U	NCAGS BASIC COURSE	1w	PMMA	Kings Point, NY
ECL:	70			**EIMET:**	No	

Officer and Enlisted personnel CURRICULUM SECURITY- No clearance required STUDENT SECURITY - No clearance required PLANNED START DATE - Promulgated on yearly schedule PURPOSE - The NCAGS Fundamentals course is designed to provide base level NCAGS knowledge to all members of the NCAGS Community. The intent is to ensure a baseline skill set among all NCAGS personnel, officer and enlisted, from all units so that when NCAGS members are deployed they will be able to provide consistent answers to the supported Commander. SCOPE - The course is instructor-based with computer-aided instruction. The trainee receives training on the following subjects: Maritime Domain Awareness and Security, merchant industry operations, ship types and uses, NCAGS procedures, NCAGS operations, and NCAGS organizations. PREREQUISITES - This course is designed to give students a basic knowledge level about Naval Coordination and Guidance for Shipping (NCAGS). Students will be familiar with the reference publications and pass a pre-test prior to registering for the course. This course is open to all rates but all students must be assigned to an NCAGS unit. A security clearance is not required. SKILL AWARD (NEC, NOBC, MOS) - A student successfully completing this course is issued a certificate of completion. RESOURCE SPONSOR - Fleet Forces Command (N35)MEMBER'S COMMAND TITLE TOTAL NUMBER OF INSTRUCTIONAL DAYS - Five (5)TOTAL NUMBER OF THEORY/TOTAL NUMBER OF LAB HOURS - Not applicable

PRE-REQUISITE:

COURSE NOTES:

P179136	K- 2G-0036	U	SWOS - INTL	16w	PSWS	Newport, RI
ECL:	70			**EIMET:**	No	

The International Surface Warfare Officer course prepares junior commissioned officers to execute with confidence, assigned junior officer watch station duties aboard surface warfare craft and ships by providing fleet oriented training. This training highlights shipboard organization, basic systems interdependence and interaction, including a foundation in surface combat systems, operational concepts, watch standing, basic seamanship skills, and engineering. Upon completion of this course, the graduate will possess entry level skills to perform duties as junior officer of the deck, combat information watch officer, officer of the deck (inport), assistant navigator, safety officer during deck evolutions, and officer of the deck (underway). This course emphasizes fleet missions as they apply to individual international countries. It discusses naval operations and supporting areas, i.e. air warfare, undersea warfare, amphibious ships, surface warfare, mine countermeasures, damage control, intelligence, chain of command.

PRE-REQUISITE:

COURSE NOTES: Family Members are STRONGLY DISCOURAGED to accompany the Students Due to the High cost of living in Newport Rite servicing airport is TF Green in Providence RI. Please have the students arrive before 1700.

P179166	CIVCONTR	U	CIVILIAN CONTR TRNG-PSE	1w	VAR	
ECL:				**EIMET:**	No	

CIVILIAN CONTRACTOR TRNG

PRE-REQUISITE:

COURSE NOTES:

P179173	S- 00-2001	U	368 COMPUTER SCIENCE - PHD	156w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

PHD program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179175	S- 00-2001	U	596 ELECTRONIC WARFARE (EW) FOR INTERNATIONAL OFFICERS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Masters degree program. Provides the knowledge of role information warfare as a vital, integral part of modern warfare. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179183	CIVCONTR	U	CIVILIAN CONTR TRNG-PNA	1w	VAR	
ECL:	70			**EIMET:**	No	

Initially used to program for contractor C-130 Flight Crew Refresher Simulator Training. Flight crews receive classroom instruction, simulator training, and Video Animated Systems Trainer Instruction. Can be used for any Misc. Contractor Training

PRE-REQUISITE:

COURSE NOTES:

P179190	A-431-0083	U	DIVER EXPLOSIVE ORD DISP	8w	PDIV	Panama City, FL
ECL:	80R			**EIMET:**	No	

Provide qualified non-diving personnel with the basic training necessary to safely and effectively perform as a dive team member in SCUBA/MK-16 mixed-gas UBA, and provide basic training necessary to perform underwater inspections/search operations and underwater procedures to safely and effectively perform as a dive team member/Explosive Ordnance Disposal Diver, per approved technical manual and the U.S. Navy Diving Manual. BRING A GOOD PAIR OF RUNNING SHOES AND ONE PAIR OF STEEL-TOED BOOTS.

PRE-REQUISITE: Students are required to maintain a minimum ECL requirement of 80 to attend this course. Must pass the prerequisite physical screening test as found in MILPERSMAN 1220-100. Test will be administered the second day of training. SPECIAL INFO: Physical examination forms DD 2808 and DD 2807-1 should be forwarded to NAVDIVESALVTRACEN Medical Department 45 days before the class convening date for review. A point of contract name should accompany each physical. Report one working day prior to the convening date for administrative processing. Be prepared to participate in daily strenuous exercise.

COURSE NOTES:

P179196	ON-SITE	U	RISK MGT DOD SECURITY PROGMS FINAL EXAM GS102.06	0.2w	PDSN	Linthicum, MD
ECL:	80			**EIMET:**	No	

Outlines the risk management process that practices application of a systematic approach to acquiring and analyzing information necessary for protecting assets and allocating security resources. The goal of this course is to provide security professionals with an analytical risk management process addressing five steps: Asset Assessment, Threat Assessment, Vulnerability Assessment, Risk Assessment, and Countermeasure Determination. Delivery: Web-Based (must be taken onsite at the Center for Development of Security Excellence (CDSE)Length: 3 hours Target Audience: Civilian and military security specialists Clearance Requirements: None Prerequisites: None Course Requirements: Passing grade (80%) on exam (GS102.06) in order to print a certificate of successful completion. System Requirements: Internet Explorer 5.5 or above with JAVA and JavaScript enabled.

PRE-REQUISITE:

COURSE NOTES: (E-LEARING)

P179198	CIVCONTR	U	INITIAL PREPARATORY SCREENING PROGRAM	0w	POTD	Pensacola, FL
ECL:				**EIMET:**	No	

This three week course is being established to ensure students are physically qualified (to include proper documentation stating so) for follow-on training at high risk courses. Attendance will be programmed prior to attending ELT at DLIELC due to physical examination scheduling and completion issues at Lackland AFB. All other requirements of this course are on a not to interfere basis with completion of the physical examination requirements. 1 - In processing of International Military Students (IMS)2 - Scheduling/completion of physical examination (non-flight) requirements for high risk courses, such as Explosive Ordnance Disposal (EOD) school, Dive School, Buds, and survival school.3 - Completion of initial ECL testing4 - Introductory/Assessment Physical Training (PT) program5 - Creation of a personalized PT plan for (future) utilization during training period at DLI.6 - Issuance of a "Certificate of Completion" for the training period Special Notes: Main aim is for students from CENTCOM countries but may be utilized for anyone needing an "approved" physical examination prior to attending follow-on training. Three weeks is the "standard" CENTCOM duration when attending "prior" to DLI. Duration will be variable if attending "after" DLI.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179204	SPECIAL	U	MANP PERS TRNG ED (MPT&E)	5w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

Manpower, Personnel, Training and Education (MPT&E) Course (MASL P179204) - This course is designed for officer and senior enlisted personnel who plan, manage, and conduct training, as well as personnel involved in manpower, personnel and resources. The course objective is to acquaint students with the various aspects of managing navy training, manpower and personnel programs from top to bottom including planning, budgeting, and execution. The organizational functions at the various functional levels are explored, from joint chief, ministry, headquarters staff, and training activity levels. The course is designed to create an awareness of the procedures of material readiness and operational readiness objectives. The MPT&E explains techniques and identifies tools available for use in applying and implementing training, manpower and personnel management principles. Participants examine the integration of training disciplines with other disciplines that must be managed during each phase of the acquisition process. The formal classroom instruction is 2 weeks and comprises a series of lectures delineating key facets of training, manpower, and personnel management subjects. The course provides participants a wide range of ideas that may be incorporated into their own training management and training programs. Subject matters include:. Science of Learning. Curriculum Development. Personnel Development Strategy. Leadership. Human Resources. Revolution in Training. Integrated Learning Environment. MPT&E Process, Resource Allocation, Risk Management. FMS Training Acquisition Process The approximately 3 weeks following contain orientation tours of military activities, which are designed to show modern training techniques, technologies, and procedures. NOTE: CANCELLATION FEE POLICY: 100 PERCENT PENALTY FEE, ONCE A CONTRACT IS LET OR A QUOTA IS CONFIRMED, UNLESS WAIVED BY THE MILDEP AS PER CURRENT NAVY IPO MESSAGE.

PRE-REQUISITE: This T-MASL does not include the contractor costs for MPT&E. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P179205	V-5G-4302	U	PNC - INTERMEDIATE LEADERSHIP COURSE	3w	PCHA	Fort Jackson, SC
ECL:	70			**EIMET:**	No	

The Supervisory Chaplains course is designed to equip chaplains at the staff/unit level to supervise subordinate chaplains and staff members in performing Religious Ministry tasks as well as advising Commanding Officers and respective higher echelon chaplains of professional development, manpower, personnel, ecclesial, facility issues pertinent to the delivery of ministry at the supervisory level. SCOPE: Course content includes nine units of instruction for supervisory chaplains to include foundations of mlitary ministry, command advisement, religious ministry support, religious accommocation, outreach ministries, pastoral care, training and education, personnel and manpower requirements, and programs, budgets, facilities, and equipment management at the supervisory level.

PRE-REQUISITE:

COURSE NOTES: Required health insurance policies should be faxed to IMSO for review at 803-751-8499 or 803-751-8502. Policies may be mailed to IMSO at the following address:IMSO, A Co, TSB10000 Hampton ParkwayFort Jackson, SC 29207-7050

P179206	V-5G-4304	U	PNC- ADVANCED LEADERSHIP COURSE	4w	PCHA	Fort Jackson, SC
ECL:	70			**EIMET:**	No	

The Senior Supervisory Chaplains Course prepares senior Navy chaplains (captains and captain selects) to serve in leadership positions on large staffs. Such staffs include those of major manpower claimants, force commanders, regional commanders, and other Navy, Marine Corps, and Coast Guard staffs of comparable size and scope, as well as joint staffs (this is not a substitute for JPME I and II). Chaplains will be equipped to conduct strategic planning for religious ministry support in their commanders' areas of responsibility, and to coordinate and supervise the provision of such ministry support. In addition, students will be equipped to carry out appropriate staff support functions such as advising commanders on the moral, ethical, and religious implications of proposed policies and decisions. SCOPE: This course is based on the Course Training Task List developed from the Job Task Inventory for senior supervisory chaplains approved by the Chief of Chaplains (CNO ltr 1521 Ser 971D/90180 of 27 Jul 99). Instruction includes: - Serving as principal advisor to flag-level commanders on religion, ethics, and morals - Understanding the national security process: National Security Strategy, National Military Strategy, Unified Command plan - Planning for religious ministry support in joint/combined operations - Planning for religious ministry support in the DoN: claimancies, forces, regions; Naval Reserve fleet support commands; USN, USMC, USCG - Understanding and using the active duty and reserve manpower system - Conducting strategic planning for RMS - Planning for ministry in ROMO - Planning for religious accommodation - Understanding active and reserve role in "One Navy" - Developing leadership skills for senior leaders - Advising on ethics and morals - Understanding the national security process: National Military Strategy, Unified Command plan - Planning for religious ministry support in joint/combined operations - Planning for Religious ministry support in the DON: claimancies, forces, regions, Naval Reserve fleet support commands; USN, USMC, USCG - Understanding and using the active duty and reserve manpower system - Conducting strategic planning for RMS - Planning for ministry in ROMO - Planning for religious accomodation - Understanding active and reserve role in "One Navy" - Developing leadership skills for senior leaders - Advising on ethics.

PRE-REQUISITE:

COURSE NOTES: Required health insurance policies should be faxed to IMSO for review at 803-751-8499 or 803-751-8502. Policies may be mailed to IMSO at the following address:IMSO, A Co, TSB10000 Hampton ParkwayFort Jackson, SC 29207-7050

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179207	P- 5G-4301	U	NAVAL CHAPLAIN BASIC LEADERSHIP COURSE P-1	4w	PCHA	Fort Jackson, SC
ECL:	70			**EIMET:**	No	

The Naval Chaplains Basic Course (P1) is designed to train and educate new Chaplains to professionally function as junior Naval staff officers and Chaplains in the religiously pluralistic context of the United States Sea Services. SCOPE: Naval Chaplains Basic Course focuses on four of seven major Core Competencies and Professional Foundations in accordance with the PCC's: -Leadership and Management -Naval Orientation and Naval Science -Technical Foundations -Personal and Personnel Excellence and Fitness and Navy/Marine Corps Fitness and Wellness Programs -Chaplain Professional Foundations (Appendix D) Additionally, Naval Chaplains Basic Course focuses on training and educating the six Religious Ministry Tasks as outlined in the OPNAVINST 1730.1D. -Command Advisory Task -Religious Ministry and Accommodation Task -Pastoral Care Task -Training and Education Task -Supervisory and Management Task

PRE-REQUISITE: Must comply with Navy BCA (Body Composition Assessment). A Navy PRT (Physical Readiness Test) will be required at the end of NCBC (Phase 1) course, for those students continuing on to RMTEX (Phase 2). Read RMTEX (Phase 2) prerequisites for more details. Successfully Completed Officer Development School (ODS) Commissioned in the Chaplains Corps

COURSE NOTES: Required health insurance policies should be faxed to IMSO for review at 803-751-8499 or 803-751-8502. Policies may be mailed to IMSO at the following address: IMSO, A Co, TSB10000 Hampton Parkway Fort Jackson, SC 29207-7050

P179208	V-5G-0002	U	RMTEX NAVAL CHAPLAIN BASIC LEADERSHIP COURSE- P2	1.4w	PCHA	Fort Jackson, SC
ECL:	70			**EIMET:**	No	

The Religious Ministry Team Expeditionary Course (P2) provides an indoctrination program for officer and enlisted active duty, reservists, and Chaplain Candidate Program Officers (CCPOs), designed to provide practical tools and programming that empower the Religious Ministry Team to respond immediately to the needs of expeditionary commands. SCOPE: Students will demonstrate knowledge and ability in pastoral care programs pertinent to operational unit needs, to include: - Specialized Ministry Skills - Ministry in Combat Environment - Field Worship - Ministry in the Range of Military Operations - USMC Orientation - Religious Ministry Training (RMT) Expeditionary Operations - Field Survival Skills - Field Hygiene - Camouflage, Cover and Concealment - Confidence/Obstacle Course - Team Building - First Aid - Field Communications - Land Navigation - Chemical, Biological, Radiological, Nuclear and High Yield Explosives Warfare Defenses Student achievement and course evaluations are dependent upon class participation, exercises and scenarios, class presentations, assessment tools, and student critiques.

PRE-REQUISITE: IAW OPNAVINST 1500.75b (POLICY AND PROCEDURES FOR CONDUCTING HIGH RISK TRAINING, RMTEX is designated as High Risk Training. All students must successfully complete the Navy PFA (Physical Fitness Assessment) prior to starting the course. The Navy PFA includes both the Navy PRT (Physical Readiness Test) and Navy BCA (Body Composition Assessment). Successfully completed RP A (A-561-0002) Successfully completed Officer Development School (ODS) Successfully completed NCBC (P-5G-4301) P179207

COURSE NOTES:

P179209	V- 5G-0001	U	TEAMS - NAVAL CHAPLAIN BASIC LEADERSHIP COURSE P3	2w	PCHA	Fort Jackson, SC
ECL:	70			**EIMET:**	No	

TEAMS PH3 (TOOLS, EMPOWERMENT, & MINISTRY SKILLS, PHASE 3) The TEAMS course provides an indoctrination program, immediately proceeding accession to active duty, designed to provide practical tools and programming that empower Religious Ministry Teams (RMTs) to respond immediately to the needs of commands. SCOPE: Chaplains will demonstrate knowledge and ability in pastoral care programs pertinent to operational unit needs, to include: -Ethics and character development -Prepare/Enrich -Combat Operational Stress Control -Crisis Counseling Skills -Critical Incident Stress Management -Wellness Programs -PREP; interpersonal skills -Public Affairs Training -Social Etiquette Development Student achievement and course evaluations are dependent upon class participation, exercises and scenarios, class presentations, assessment tool, and student critiques.

PRE-REQUISITE:

COURSE NOTES:

P179210	CIVCONTR	U	DEPLOYING AND MANAGING WINDOWS 7: HANDS ON	0.2w	PLTN	New York, NY
ECL:	70			**EIMET:**	No	

Effectively implement and administer Windows 7 in an enterprise environment - Create and deploy custom Windows 7 installation and Windows PE boot images - Streamline deployments with Windows Deployment Services (WDS) - Develop a plan for managing initial and ongoing client activation - Centralize administration through the GUI, shell commands, WinRS and PowerShell - Locate and remediate issues with Microsoft monitoring, analysis and recovery tools Special Notes: Learning Tree is a by request vendor course.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179211	CIVCONTR	U	DESIGNING AND BUILDING GREAT WEB PAGES: HANDS ON	0.2w	PLTN	New York, NY
ECL:	70			**EIMET:**	No	

Design the presentation and coherent organization of Web pages - Build powerful Web content that effectively conveys your message - Create and manage graphical content using Adobe Photoshop - Develop standards-based Web sites with MS Expression Web and Adobe Dreamweaver - Generate Web pages and sites using XHTML, tables and Cascading Style Sheets (CSS) - Enhance Web pages with special effects and Ajax Special Notes: Learning Tree is a by request vendor course.

PRE-REQUISITE:

COURSE NOTES:

P179214	CIVCONTR	U	C4I OFFICER CORE COURSE	9w	PNSH	Charleston, SC
ECL:	65			**EIMET:**	No	

The Core Course is designed to educate and train international officers in basic technology, human capabilities, naval operations, and the way these factors are applied in current C4I systems. The Core Course provides concepts of command and control and how it is applied during naval warfare. The Core Course outlines naval organizations and their responsibilities and relationships to each other in a C4I environment.

PRE-REQUISITE:

COURSE NOTES:

P179215	CIVCONTR	U	C4I OFFICER OPERATIONS COURSE	12w	PNSH	Charleston, SC
ECL:	65			**EIMET:**	No	

The Operations course outlines the UCC System Hardware and System Software operating environment and discusses message processing, Task Force and Composite Warfare Commander Organization, operational missions and weapons systems. The Operations Course teaches ship and aircraft operations, military response and operations and Command Center Operations.

PRE-REQUISITE:

COURSE NOTES:

P179216	CIVCONTR	U	C4I OFFICER TECHNICAL COURSE	10w	PNSH	Charleston, SC
ECL:	65			**EIMET:**	No	

The Technical Course discusses communications theory and its implementation, computer systems, networks and software utilized in C4I applications. It outlines what system hardware, applications, segments, connectivity and data feeds that are utilized in the C4I infrastructure. The Technical Course outlines functions, logistics, watch and project management of C4I organizations.

PRE-REQUISITE:

COURSE NOTES:

P179217	CIVCONTR	U	ORACLE PL/SQL PROGRAMMING: HANDS-ON	0.2w	PLTN	New York, NY
ECL:	70			**EIMET:**	No	

Develop efficient PL/SQL programs to access Oracle databases. Create stored procedures and functions for maximum reuse and minimum code maintenance. Design modular applications using packages. Manage data retrieval for front-end applications .Bulk bind collections to increase the speed of data movement operations. Invoke native dynamic SQL to develop high-level abstract code. Learning Tree is a by request vendor course. - ALL CONTRACTOR COURSES SHOULD BE PROGRAMMED AS "NO COST""PLEASE EXCLUDE FROM SHOWING IN NETSAFA ONLINE CATALOG"

PRE-REQUISITE:

COURSE NOTES:

P179218	CIVCONTR	U	NETWORK CONFIGURATION & TROUBLESHOOTING: HANDS-ON	0.2w	PLTN	New York, NY
ECL:	70			**EIMET:**	No	

Providing users with constant access to critical data is essential for the success of today's rapidly evolving networks. In this course, you gain the skills necessary to configure networks and resolve problems related to cables, wireless connections, protocols and applications. You learn to configure, maintain and troubleshoot networks using a comprehensive set of tools and techniques. Learning Tree is a by request vendor course. - ALL CONTRACTOR COURSES SHOULD BE PROGRAMMED AS "NO COST""PLEASE EXCLUDE FROM SHOWING IN NETSAFA ONLINE CATALOG"

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179219	CIVCONTR	U	JAVA PROGRAMMING: A COMPREHENSIVE HANDS ON	0.2w	PLTN	New York, NY
ECL:	70			**EIMET:**	No	

Java's unique architecture enables programmers to develop a single application that can run across multiple platforms seamlessly and reliably. In this hands-on course, you gain extensive experience with Java and its object-oriented features. You learn to create robust console and GUI applications and store and retrieve data from relational databases. Learning Tree is a by request vendor course. - ALL CONTRACTOR COURSES SHOULD BE PROGRAMMED AS "NO COST""PLEASE EXCLUDE FROM SHOWING IN NETSAFA ONLINE CATALOG"

PRE-REQUISITE:

COURSE NOTES:

P179220		U	TECHNOLOGIES FOR INFO OPS	3w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

A course tailored for mid to high level officers (Capt - LtCol) based on recent research and development in associated Information Operations technologies. The course is a technical workshop presented by various NPS faculty that covers several exciting technology areas important for tomorrow's war fighters. Examples of areas covered include: Concepts of information operations, quantum information systems, advanced networking constructs, information and decision making theory. Also included are principles of operational testing and experimentation of weapon systems, unmanned aerial vehicles and payloads. Advanced low probability of intercept radar waveforms and detection signal processing are also emphasized as well as rail gun technologies. The course also includes a field trip to EDO/RSS (Reconnaissance and Surveillance Systems) to participate in a series of technical lectures on ELINT receivers and a tour of the manufacturing facility. The trip serves as an excellent opportunity for the exchange of information and technology among participants in a stimulating environment. Quotas: 15 allocated to the Swedish National Defense College;10 worldwide on first come, first serve basis SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE: Undergraduate engineering degree or equivalent-Calculus/calculus-based physics sequence required-ECL score of 85.

COURSE NOTES:

P179221	S- 00-2001	U	870 INFORMATION SYSTEMS MANAGEMENT - MBA	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

Masters of Business Administration Degree Program. The Information Age has generated a revolution in the means in which we conduct business and warfare. New technologies have changed the traditional views of the marketplace, supply chain management, and logistics. As the range and complexity of computer applications have grown, the need to manage and exploit those resources has increased. This curriculum provides both the technical skills and business acumen to deal with a constantly evolving digital world. The Information Systems Management (MBA) curriculum provides the knowledge skills and competencies to: (1) Manage the acquisition of Information Systems. (2)Manage Information Systems and infrastructure support afloat and ashore. (3)Solve Information Systems engineering and management problems individually and in teams. (4)Effectively manage and lead in today s constantly changing digital world. (5)Develop and implement effective strategies and policies to take advantage of technological opportunities and mitigate risk. (6)Assimilate new technologies and transform organizations, processes, and strategies to compete in the marketplace or on the battlefield. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179222		U	INTERNATIONAL INFORMATION WARFARE - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

INTERNATIONAL INFORMATION WARFARE (MS Degree) A course of study appropriate for military officers who require a fundamental understanding of Information Warfare and Information Operations. Courses in the curriculum discuss the role of Information Warfare in modern warfare and the integral roles of EW, psychological operations, military deception, OPSEC, physical destruction, INFOSEC, and network attack. Mathematics, Science and Engineering fundamentals are provided to support the theoretical and experimental aspects of Information Warfare. System level understanding of Communication Systems, Electronic Warfare Systems, Radar Systems, Network Operations, Computer Network Security and Information Systems are emphasized. The System Engineering process is presented and applied in an Information Warfare team project. Quotas: Limited to 30 students per year Course Pre-requisites (1) Undergraduate engineering or science degree or equivalent: (a) Calculus/calculus-based physics sequence required. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179223		U	365 C4I SYSTEMS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The C4I curriculum is designed to provide military officers and civilian equivalents a comprehensive operational and technical understanding of the field of C4I systems as applied to joint, combined, and coalition military operations at the national and unified command levels. The program is designed with the following goals: enable individuals to develop an understanding of the role C4I systems play in the use of military power and the ability to interpret the impact of C4I on operating philosophy; provide adequate background knowledge in basic technology, human capabilities, and joint, combined, and coalition military operations and how these factors are exploited in current C4I systems; and provide the framework whereby students can perform requirement and planning studies of new C4I systems and contribute to crisis management. Program Length: 24 months Start Date: Oct only

PRE-REQUISITE:

COURSE NOTES:

P179224	A-450-0018	U	SOUND REINFORCEMENT COURSE	6w	PMUS	Virginia Beach, VA
ECL:	70			**EIMET:**	No	

Course Mission The Sound Reinforcement Technician Course is to provide military musician personnel (E4 through E6) with the necessary training to perform as skilled Sound Reinforcement Technicians capable of operating intricate sound reinforcement equipment in various acoustical environments as encountered by Navy and Marine mission requirements. Course Overview The content of this six-week course includes theoretical knowledge of electricity, sound system setup, optimization, and sound system design. The second part will focus on equipment operation and the development of performance skills. Personnel will also be taught to test, evaluate, and maintain sound reinforcement equipment in a safe operating condition. Navy personnel completing this course are awarded the secondary NEC 3855 (Sound Reinforcement Technician).

PRE-REQUISITE:

COURSE NOTES:

P179239		U	RADIATION TRAINING EAF	2w	PEGP	Nocor, CA
ECL:	70			**EIMET:**	No	

Course is conducted as follow on training to a purchase associated with a NAVAIR material case.

PRE-REQUISITE:

COURSE NOTES:

P179242	A- 4J-0021	U	AFLOAT ENVIRONMENTAL PROTECTION COORDINATOR	0.4w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

The Afloat Environmental Protection Coordinator course provides assigned collateral-duty shipboard Environmental Protection Coordinators with training to establish and operate a ship's environmental protection program according to SECNAVINST 5090.7A, SECNAVINST 5090.8A and OPNAVINST 5090.1C. Scope: Course content includes learning objectives focused on duties and tasks to advise the Commanding Officer on shipboard discharge events as identified in the OPNAVINST 5090.1 Series, use of Protective Measures Assessment Protocol for routine Navy training and exercises, protection of marine species and endangered animals and prevention and corrective actions for Oil Spill and Hazardous Substance releases.

PRE-REQUISITE: Senior enlisted and officer personnel assigned as Afloat Environmental Protection Coordinators or Environmental Compliance Officers on board ships, submarines, and afloat staffs.

COURSE NOTES: LOCATION INFO:Please visit NAVOSHENVTRACEN website, within two weeks of course convening, for detailed course location information, such as building and POC at www.safetycenter.navy.mil/training/location.htm MESSING/BERTHING: Civilian and military personnel are to arrange for their own messing/berthing in the area where each convening is being conducted, in accordance with applicable regulations. TRANSPORTATION: Dependent upon individual convening sites. UNIFORMS: Military personnel are to appear in the uniform of the day for each class locations site. Students should check with the particular base to ensure proper attire.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179243	A-493-0073	U	MACHINERY AND MACHINE GUARDING STANDARDS	0.8w	PSDC	San Diego, CA
ECL:	70			**EIMET:**	No	

The course familiarizes the student with various types of common machinery and related safety standards. Scope: Guidance is provided on hazards associated with various kinds of machinery and control of hazardous energy sources (lockout/tagout). The course presents an approach to machine inspection that enables participants to recognize hazards such as those created by points of operation, rotating parts, flying chips, and provides options to achieve abatement. The course also includes an introduction to robotics. Special Requirements: Students must bring safety glasses, hearing protection and safety shoes for a field exercise.

PRE-REQUISITE: Must be in GS-018, -019, -803 classification series, or full-time military safety personnel. Military or civilian collateral-duty safety personnel are eligible but must be designated in writing as the activity OSH manager or safety officer. All personnel must also have 12 months from course date remaining in job assignment.

COURSE NOTES:

P179265	U	NON-DEG (1 QTR - 4 CRS)	13w	PGS	Monterey, CA
ECL:			**EIMET:**	No	

Miscellaneous non-degree training at Naval Postgraduate School. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179266	U	NON-DEG (1 QTR - 3 CRS)	13w	PGS	Monterey, CA
ECL:			**EIMET:**	No	

Miscellaneous non-degree training at Naval Postgraduate School. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179267	U	NON-DEG (1 QTR - 2 CRS)	13w	PGS	Monterey, CA
ECL:			**EIMET:**	No	

Miscellaneous non-degree training at Naval Postgraduate School. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179268	U	NON-DEG (1 QTR - 1 CRS)	13w	PGS	Monterey, CA
ECL:			**EIMET:**	No	

Miscellaneous non-degree training at Naval Postgraduate School. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179269	U	NON-DEG (2 QTRS - 8 CRS)	26w	PGS	Monterey, CA
ECL:			**EIMET:**	No	

Miscellaneous non-degree training at Naval Postgraduate School. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179271		U	NON-DEG (4 QTRS - 16 CRS)	52w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Miscellaneous non-degree training at Naval Postgraduate School. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179376		U	INDUSTRIAL FAMILIARIZATION	16w	PCSE	Moorestown, NJ
ECL:	70			**EIMET:**	No	

This course provides the knowledge, and skills that enable students to fulfill the ITT billets performance requirements and provides the student AWS/ACS System Test Training on Stage 3-6 Ship Test Procedures (or Equivalent) on the KDX III Equipment and Computer Program at the PTC and CSEDS. Method of teaching: Hands-on Training Prerequisites: Successful Completion of ITT Classroom Training; Normal color vision; Invitational Travel Orders required; ECL Score of 70%

PRE-REQUISITE:

COURSE NOTES:

P179389	CIVCONTR	U	CONTR C-130 SIMU REFRESHER	1w	PCAE	Tampa, FL
ECL:	80A			**EIMET:**	No	

To provide contractor C-130 Flight Crew Refresher Simulator Training. Flight crews receive classroom instruction, simulator training, and Video Animated Systems Trainer Instruction.

PRE-REQUISITE:

COURSE NOTES:

P179401	CIVCONTR	U	AIC FLIGHT SUPPORT	1w	PTCP	San Diego, CA
ECL:				**EIMET:**	No	

AIC FLIGHT SUPPORT PROGRAM THIS MASL FOR USE ONLY WITH P121006, P121023 AND P129126.

PRE-REQUISITE:

COURSE NOTES:

P179461	CIVCONTR	U	CONTR SH-2G(E) FLIGHT TNG	1w	VAR	
ECL:	80			**EIMET:**	No	

To provide flight training to the aircrews and pilots of the SH-2G helicopter.

PRE-REQUISITE:

COURSE NOTES:

P179559	CIVCONTR	U	CONTR E2 FAM	1w	PGCS	ST Augustine, FL
ECL:	80			**EIMET:**	No	

To provide E-2C familiarization training at Northrup-Grumman Corporation.

PRE-REQUISITE:

COURSE NOTES:

P179563	CIVCONTR	U	CONTR E2 SIM TRNG	4w	PGCS	ST Augustine, FL
ECL:	80			**EIMET:**	No	

CONTRACTOR TAUGHT - E2C SIMULATOR TRNG

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179584	CIVCONTR	U	CONTR E2 OJT	0w	VAR	
ECL:	70			**EIMET:**	No	

To provide E-2C on-the-job operation and maintenance training at Northrup-Grumman Corporation.

PRE-REQUISITE:

COURSE NOTES:

P179610	CIVCONTR	U	FUNDAMENTAL SKILLS TRAINING	16w	POTD	Pensacola, FL
ECL:	65			**EIMET:**	No	

Provides international students with fundamental academic skills and practical knowledge in the following areas: Training Orientation, Learning Skills, Vocabulary, Reading, Reading Comprehension, Mathematics, Interpretation of Graphics, Learning to Use a Manual, Physical Science, Job Skill Orientation, and Life Fitness. The intent of this fundamental skills training package is to provide an entry level ability in science, math, and technical comprehension. Can be tailored to desired topic areas and length of training.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P179612	CIVCONTR	U	TECHNICAL TRAINING IN ELECTRICITY AND ELECTRONICS	8w	POTD	Pensacola, FL
ECL:	65			**EIMET:**	No	

Provides the student with the academic skills and practical knowledge of fundamental electricity and electronics. This curriculum includes safety, magnetism, inductance, capacitance, resonance, transformers, generators, motors, power supplies, simple circuits, radio frequency communication, navigation, radar, and test and measuring equipment.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P179613	CIVCONTR	U	TECHNICAL TRAINING IN MECHANICS	8w	POTD	Pensacola, FL
ECL:	65			**EIMET:**	No	

This course provides academic skills and practical knowledge of fundamental mechanics. This curriculum is comprised of instruction in mechanical, fluid, and electrical power systems, power plants, aerodynamics, support equipment, mechanical equipment and tools, and safety.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P179614	CIVCONTR	U	TECHNICAL TRAINING IN LOGISTICS/SUPPLY	0w	POTD	Pensacola, FL
ECL:	65			**EIMET:**	No	

To provide International Military Students (IMSs) the knowledge and skills necessary to perform the basic job tasks required by the Navy's Storekeeper rating. SCOPE: Students will accomplish the following learning objectives through Computer Based Training (CBT),group-paced instruction and intensive practical exercises: Supply administration; material identification; material procurement; material receipt, stowage and handling; basic inventory management afloat; financial management; COSAL; SUADPSRT; SNAP II. Areas covered will include the Navy Supply System, customer service, Navy correspondence, material identification and procurement, basic OPTAR accounting, material receipt, stowage and inventory control utilizing the Integrated Barcode System (IBS), supply forms, basic supply acronym and Military Standard Requisitioning and Issue Procedures (MILSTRIP) for effective performance as an apprentice supply technician under supervision.

PRE-REQUISITE: This T-MASL captures only the NITC overhead portion of the training. The Contractor portion (T-MASL P366CS8) with associated costs must also be programmed.

COURSE NOTES:

P179719	CIVCONTR	U	INDUS-VIB/MEAS PRAC/ANALYS	3w	PNSE	Philadelphia, PA
ECL:	70			**EIMET:**	No	

INDUSTRIAL VIBRATION/MEASUREMENT PRACTICES/ANALYSIS CRS IS "INDUSTRIAL" (CONTRACT) UNDER NAVSEA. CIN REPRESENTS "VARIOUS" NAVSEA TRNG FOR INTL STUDENTS

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179729	CIVCONTR	U	PROP VISUAL INSPECTION	0.4w	PSYN	Portsmouth, VA
ECL:	80			**EIMET:**	No	

Propeller installation training; contractor provided. Navy and civilian dive shops as well as storage, installation and repair facilities are required to have qualified personnel available to perform visual inspections of propulsors for Department of the Navy ships. These requirements are specified in NAVSEAINST 9245.1A and Naval Ships Technical Manual S9086-HP-STM-010/CH-245. Strict adherence to these requirements is mandatory. To train personnel to perform and document propeller visual preservation and technical inspections. Attendees: Personnel (military and civilian) such as divers, supply and storage system personnel, repair shop personnel, and ship repair personnel who perform or plan to perform visual inspections of propellers upon receipt, prior to shipment, while in storage, before and after repair, and/or while installed shipboard. Prerequisites: Prior propeller experience is recommended. Instructional Methods: a. Instructor lecture discussion with visual aides b. Student self study guide c. Practical demonstration on training aide mockups d. Work experience assignments on training aides e. Written examinations (to qualify as a visual inspector) 1 Satisfactory prepared visual inspection report 2 Final examination with minimum passing score of 80 percent Course Outline: a. Propeller terminology, blade configuration and numbering b. Preservation, packaging and storage requirements c. Visual inspection process and procedures Special Notes: Participants must show level of security held and a need to know prior to the start of training. Please send security verification and need to know a minimum of 7 days prior to the start of the class date to NAVSEA SIDC, fax (757) 396-4682. Students must complete and submit Course Registration and Visitor Request forms before attending this training. Access the NNSY website: http://www.navsea.navy.mil/sidc/home.htm for access to these forms.

PRE-REQUISITE:

COURSE NOTES:

P179821	ON-SITE	U	SPECIAL ACCESS PROGRAM (SAP) OVERVIEW	0.2w	PDSN	Linthicum, MD
ECL:	80			**EIMET:**	No	

This course will provide students with an overview of the Department of Defense (DoD) Special Access Program (SAP) environment, including its history, purpose, life-cycle, approval process, and roles and responsibilities. Delivery: Web-Based (must be taken onsite at the Center for Development of Security Excellence (CDSE), Linthicum, MD)Training Length: 1.5 hours Target Audience: DoD civilian, military and contractor personnel who are assigned to positions providing support to, or oversight of, a Department of Defense Special Access Program. Clearance Requirements: None Prerequisites: None Course Requirements: Passing grade (80%) on exam (SA001.06) in order to print a certificate of successful completion. System Requirements: Internet Explorer 6.0, Flash Player 8, Internet bandwidth connection (DSL or better), Display 1024 x 768, Audio (16-bit sound card), Adobe Acrobat Reader 7.0

PRE-REQUISITE:

COURSE NOTES: (E-LEARING)

P179823	CIVCONTR	U	CONTR SHIP TRANSFER TRNG	1w	PRBW	Seattle, WA
ECL:	70			**EIMET:**	No	

To provide training for the Crews of Ships Transferred in accordance with SECNAVINST 4950.4(series) and the ship transfer legislation authorizing the transfer. On-board or ship introduction training will be by a Mobile Training Team (MTT) in areas not covered by formal schools or pre-structured team training. Areas considered appropriate for on-board training include: orientation and familiarization training for personnel, general military training, operation/maintenance training for basic equipments which are not sufficiently complex to justify formal training, and other mandatory training requirements, as determined by the country and the USN Ship Transfer Training Coordinator. During the transfer certain watch stations, such as fire watches, security and in-port operation of selected equipment/systems, will be required. While each crew member will have received training in basic operation and maintenance of individual systems/equipments, additional on-board training in watch station qualification will be required. Watch station qualification is a continuing requirement designed to ensure that the crew is effectively trained in standard operating procedures, emergency bills, and casualty drills. Qualification of individuals in underway watch stations will be based upon applicable Personnel Qualification Standards (PQS) or, where PQS does not exist, qualification requirements locally developed.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179824	CIVCONTR	U	CONTR SHIP TRANSFER TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

To provide training for the Crews of Ships Transferred in accordance with SECNAVINST 4950.4(series) and the ship transfer legislation authorizing the transfer. On-board or ship introduction training will be by a Mobile Training Team (MTT) in areas not covered by formal schools or pre-structured team training. Areas considered appropriate for on-board training include: orientation and familiarization training for personnel, general military training, operation/maintenance training for basic equipments which are not sufficiently complex to justify formal training, and other mandatory training requirements, as determined by the country and the USN Ship Transfer Training Coordinator: During the transfer certain watch stations, such as fire watches, security and in-port operation of selected equipment/systems, will be required. While each crew member will have received training in basic operation and maintenance of individual systems/equipments, additional on-board training in watch station qualification will be required. Watch station qualification is a continuing requirement designed to ensure that the crew is effectively trained in standard operating procedures, emergency bills, and casualty drills. Qualification of individuals in underway watch stations will be based upon applicable Personnel Qualification Standards (PQS) or, where PQS does not exist, qualification requirements locally developed.

PRE-REQUISITE:

COURSE NOTES:

P179825	CIVCONTR	U	CONTR SHIP TRANSFER TRNG	1w	PSYD	Charleston, SC
ECL:	70			**EIMET:**	No	

To provide training for the Crews of Ships Transferred in accordance with SECNAVINST 4950.4(series) and the ship transfer legislation authorizing the transfer. On-board or ship introduction training will be by a Mobile Training Team (MTT) in areas not covered by formal schools or pre-structured team training. Areas considered appropriate for on-board training include: orientation and familiarization training for personnel, general military training, operation/maintenance training for basic equipments which are not sufficiently complex to justify formal training, and other mandatory training requirements, as determined by the country and the USN Ship Transfer Training Coordinator. During the transfer certain watch stations, such as fire watches, security and in-port operation of selected equipment/systems, will be required. While each crew member will have received training in basic operation and maintenance of individual systems/equipments, additional on-board training in watch station qualification will be required. Watch station qualification is a continuing requirement designed to ensure that the crew is effectively trained in standard operating procedures, emergency bills, and casualty drills. Qualification of individuals in underway watch stations will be based upon applicable Personnel Qualification Standards (PQS) or, where PQS does not exist, qualification requirements locally developed.

PRE-REQUISITE:

COURSE NOTES:

P179826	CIVCONTR	U	CONTR SHIP INTRO	1w	PSYD	Charleston, SC
ECL:	70			**EIMET:**	No	

To provide training for the Crews of Ships Transferred in accordance with SECNAVINST 4950.4(series) and the ship transfer legislation authorizing the transfer. On-board or ship introduction training will be by a Mobile Training Team (MTT) in areas not covered by formal schools or pre-structured team training. Areas considered appropriate for on-board training include: orientation and familiarization training for personnel, general military training, operation/maintenance training for basic equipments which are not sufficiently complex to justify formal training, and other mandatory training requirements, as determined by the country and the USN Ship Transfer Training Coordinator.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179827	CIVCONTR	U	CONTR TSTA-FE	1w	PSYD	Charleston, SC
ECL:	70			**EIMET:**	No	

To provide a Tailored Ship Training Availability Final Evaluation to determine each ships crews readiness to sail the ship home. It may consist of anything from simple navigation/piloting drills to full battle problems to actual firing of weapons. As a minimum it will contain: (1) Engineering Equipment Operation - Cold Checks/MLOC, Plant Light-Off, Hot Checks, Auxiliary Cold Checks, and Electrical Power Shifts. (2) Engineering Casualty Control Drills - Each of the two PQS qualified engineering watch section per ship shall satisfactorily complete, at least twice, all engineering casualty control drills for Knox Class ships. (3) Damage Control Exercises - Each Repair Locker/Repair Party shall complete at least two consecutive satisfactory drills for Main Battle Stations/Repair Locker, Set Material Condition (Yoke/Zebra), Fire Extinguishing/Smoke Clearance, Main Space Fire, Inport Duty Section Fire Drills (Alfa, Bravo, Charlie) and Inport Duty Section Flooding Drills. (4) Operations, Navigation Seamanship and Equipment Evolutions - Man Overboard, Rig Towing Gear, Rig Boat Boom, Underway/Moor, Daytime Underway Replenishment, Operate Ships Boats, Rig Accommodation Ladder, Rig Heavy Weather Gear, Anchor, Rig Underway Replenishment Stations, Remote Communication Patch, Open Ocean Navigation, Low Visibility Navigation, Loss of Gyro, Shift Steering Control, and Abandon Ship. (5) Combat/Electronic Systems Equipment Operation - Each ship shall complete two satisfactory evolutions for Fathometer, Gyro, Magazine Sprinkler System, DRAI, DRT, 1MC System, Underwater Log, Engineering Alarms, IC Switchboard, Cathodic Protection, Degaussing, Test Firing Circuits, Cycle Dummy Rounds, Misfire, Surface Search Radar, Close in Navigation Radar, AIMS IFF, AN/SPA-25, and complete DSOT.

PRE-REQUISITE:

COURSE NOTES:

P179867	CIVCONTR	U	CONTR MECC HVAC MAINT TRNG	2w	PCSO	Lebanon, OH
ECL:	75			**EIMET:**	No	

E-2C aircraft Metrology Engineering Calibration Center HVAC maintenance training; contractor provided.

PRE-REQUISITE:

COURSE NOTES:

P179904	S- 00-2001	U	370 INFORMATION SYSTEMS TECHNOLOGY - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

MS program. This curriculum provides officers with the knowledge of information systems technology to include computer and telecommunications systems, software engineering, networked and distributed applications, database management systems and decision support systems in the military services. Students will also gain proficiency in information systems, economics and management necessary for the critical management decisions needed in the development and utilization of complex and evolving computer-based military systems. Information Technology Management is an interdisciplinary, graduate-level master s program integrating mathematics, accounting, economics, statistics, computer science, information systems, communications engineering, networks and management discipline. NOTE: ATTENDANCE IS LIMITED TO 25 PER YEAR, WITH INPUT AS FOLLOWS: SPRING (MAR/APR)--13; FALL (SEPT/OCT)--12. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179905	S- 00-2001	U	820 RESOURCE MANAGEMENT FOR INTERNATIONALS - MS	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

This is an interdisciplinary program which integrates mathematics, accounting, economics, behavioral science, organization and management theory, operations/systems analysis, managerial communications, and international law into an understanding of the process by which the defense mission is accomplished. The course of studies explores the interface among international politics, national security objectives, civil-military relations, resource planning and management, and synthesizes the political, technological, economic, cultural, social and ideological forces influencing international defense. Students receive extensive exposure to human rights issues. It provides techniques of quantitative problem-solving methods, behavioral and management science, economic analysis and financial management which will enable graduates to evaluate the written research, study and analysis products of others throughout their careers. The course curriculum is conducted in two phases beginning with two quarters of management fundamentals and followed by four quarters of graduate level courses. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179906	S- 00-2001	U	533 COMBAT SYSTEMS SCI/TEC - MS INTERNATIONALS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

The objective of this program is to provide a broad-based, design oriented education focusing on the warship as total engineering system including hull, mechanical, electrical and combat systems. The program is for selected Naval/Mechanical Engineering, Electrical Engineering, and Combat Systems Sciences and Technology students and is structured to lead to the MSME, MSEE, or MS in Physics. MS program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179907	S- 00-2001	U	819 SUPPLY CHAIN MANAGEMENT - MS	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

819 SUPPLY CHAIN MANAGEMENT - MS program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179908	S- 00-2001	U	815 ACQUISITION & CONTRACT MANAGEMENT - MS	78w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

MS program. This is an interdisciplinary program which integrates mathematics, accounting, economics, finance, behavioral science, management theory, operations/systems analysis and specific courses in acquisition and contracting. Student input includes officers and civilians from all DoD services, the Coast Guard and other nations. The curriculum is designed to provide officers and civilians with the skills to serve effectively in hardware systems buying offices, field contracting offices, contract administration offices and contracting policy offices. 6 Qtrs SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179909	S- 00-2001	U	816 SYSTEM ACQUISITION MANAGEMENT - MS	91w	PGS	Monterey, CA
ECL:				**EIMET:**	Yes	

MS program. This is an interdisciplinary program designed to integrate business principles, management theory, operations/systems analysis, and engineering applications. It is uniquely tailored to Defense acquisition management and intensive exposure to the fundamental principles of the acquisition environment. The courses in this curriculum present the structure of acquisition management, the decisions and problems facing the defense acquisition manager, the various forces at work within industry and Government, and the impact of acquisition policies and strategies. Student input includes officers and civilians from all DoD Services, the Coast Guard and other nations. 7 Qtrs SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179910	S- 00-2001	U	364 SPACE SYSTEMS OPS INTERNATIONAL	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS program. - 8 Qtrs Provides comprehensive knowledge of surveillance, communications, navigation, sensing systems, payload design and integration. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179911	S- 00-2001	U	526 UNDERSEA WARFARE INTERNATIONAL	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS program. - 8 qtrs. Engineering fundamentals, physical principles, and analytical concepts that govern operational employment of undersea warfare sensors and weapons. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179913	S- 00-2001	U	827 MATERIAL LOGISTICS SUPPORT MANAGEMENT	78w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

MS program. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179914		U	RESEARCH ONLY PROGRAM	1w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

This program is for international military officers enrolled in resident in-country masters programs who are interested in conducting cooperative research at the Naval Postgraduate School in conjunction with their thesis requirements. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179918	S- 00-2001	U	361 JOINT OPERATIONAL LOGISTICS - MS	104w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

8 Quarter Course This program provides education in mathematics, probability and statistics, physical science, economics, logistics and computer science. These disciplines supply the theoretical background for planning and analysis of Naval and Joint logistics. Scope: The course of study develops skills in computational capability, identifying relevant information, generating decision criteria and selecting alternatives. This education enhances performance in all duties throughout a military career, including operational billets, technical management assignments and policy making positions. Requirements for entry: A baccalaureate degree with above average grades is required. Completion of mathematics through single variable differential and integral calculus with above average grades is considered minimal preparation. Students without these quantitative prerequisites will be accepted in cases where their undergraduate records indicate that they are exceptional students and there are other indicators of potential. An APC of 325 is required. Waivers may be obtained with a one-quarter refresher. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P179950	CIVCONTR	U	CONTR TRNG - MARCORPS	1w	VAR	
ECL:	70			**EIMET:**	No	

Miscellaneous contractor support training.

PRE-REQUISITE:

COURSE NOTES:

P179970	CIVCONTR	U	CONTR FLIGHT SAFETY TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

Training at various locations to include: B-300 King Air 350; PA-31 (NAVAJO 325); Turbo Commander 840; and Bell 412.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P179AVE		U	AVIATION OJT ENLISTED	0w	VAR	
ECL:	80R			**EIMET:**	No	

This training provides both officer and enlisted IMS's with an opportunity to reinforce skills and knowledge related to aviation operations and maintenance. IMS's are assigned to an active USCG air station for a 1- or 2 week period, normally following a resident training course.

PRE-REQUISITE: Completion of a USCG aviation course.

COURSE NOTES:

P179AVO		U	AVIATION OJT OFFICER	0w	VAR	
ECL:	80R			**EIMET:**	No	

This training provides both officer and enlisted IMS's with an opportunity to reinforce skills and knowledge related to aviation operations and maintenance. IMS's are assigned to an active USCG air station for a 1- or 2 - week period, normally following a resident training course.

PRE-REQUISITE: Completion of a USCG aviation course.

COURSE NOTES:

P179PDI		U	MISC DIILS TRNG	0w	VAR	
ECL:	70			**EIMET:**	No	

MISCELLANEOUS UNCLASSIFIED DIILS TRAINING

PRE-REQUISITE:

COURSE NOTES:

P179PGS	PGS	U	MISC NAVPGSCOL TRNG	0.2w	VAR	
ECL:				**EIMET:**	No	

MISCELLANEOUS NAVPGSCOL TRAINING.

PRE-REQUISITE:

COURSE NOTES:

P189009		U	OBS DRMI MONTEREY	1w	PDR	Monterey, CA
ECL:	80			**EIMET:**	No	

Enables participants to get hands-on, practical experience in a number of different computer applications. It is not designed to make a computer expert out of a participant, but rather allow them to experience a variety of applications software and operating systems.

PRE-REQUISITE: RANK REQUIREMENT: O-4 and above or equivalent civilian grade.

COURSE NOTES: Submit detailed objectives of on-the-job training/obeerservership interest in accordance with appropriate paragraphs of Chaper 4, page 34 of the Joint Security Assistance Training Regulation (JSATR)/SECNAVINST 4950. The format for submitting on-the-job training is provided in Figure 4-2 of the JSATR (PAGE 47).

P195007	CIVCONTR	U	EVOLVED SEA SPARROW MISSILE (ESSM) THEORY OF OPS	0.6w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

Provides the student with a comprehensive understanding of ESSM operational principles and methods of employment and integration with ship systems. MINIMUM/MAXIMUM NUMBER OF STUDENTS: 4/14 TARGETED AUDIENCE: Missile Maintenance Officers and Technicians, Combat System developers and operators. AVAILABILITY: An Official Training Request from the customer should be sent through the appropriate U.S. Navy channels listing the specific training courses needed, location desired for the training and proposed dates. All training is subject to availability of instructors, equipment and training sites. Class size is the Optimum suggested size and can be modified.

PRE-REQUISITE: Basic skills in English are desired to help the student better understand the material. Other student skills such as basic computer knowledge, electronics, mathematics, an understanding of logistics processes, safety principles and explosives safety are desired. Advanced courses, such as test equipment calibration and test equipment maintenance, require the test equipment operator course as a prerequisite.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P195008	CIVCONTR	U	ESSM ASSEMBLY/DISASSEMBLY	1w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

Provides the student with the skills and knowledge necessary to safely and efficiently inspect, assemble, disassemble, and handle ESSM, components, sections, and propulsion units. This course includes but is not limited to the following topics.1. Missile, missile section, propulsion unit, component receipt and issue inspections2. Assembly of missile sections, components, and propulsion units into a All-Up-Round (AUR).3. Disassembly of an AUR to the section, component, and propulsion unit level4. Ordnance safety and handling equipment familiarization MINIMUM / MAXIMUM NUMBER OF STUDENTS: 4/8TARGETED AUDIENCE: Missile Maintenance Technicians. AVAILABILITY: An Official Training Request from the customer should be sent through the appropriate U.S. Navy channels listing the specific training courses needed, location desired for the training and proposed dates. All training is subject to availability of instructors, equipment and training sites. Class size is the Optimum suggested size and can be modified.

PRE-REQUISITE: Basic skills in English are desired to help the student better understand the material. Other student skills such as basic computer knowledge, electronics, mathematics, an understanding of logistics processes, safety principles and explosives safety are desired.

COURSE NOTES:

P195009	CIVCONTR	U	ESSM ENCANISTERIZATION/DECANISTERIZATION	1w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

This course will provide the student with the skills and knowledge necessary to safety and efficiently install and remove ESSMs from the MK25 VLS canisters. This Encan/Decan course includes, but is not limited to the following topics.1. Safety overview2. MK25 canister, MK 41 VLS and Standard Missile general overview3. Missile inspection4. Pack and unpack missile from its shipping container5. MK25 canister inspection, testing and maintenance6. Missile encanisterization and All-Up-Round (AUR) testing7. Installation and removal of canister PHS&T8. Missile decanisterization9. Canister code plug configuration10. Canister Code plug recertification11. Canister S&A manual safing precautions and procedures12. VLS support and test equipment maintenance, certification and overview13. Support documentation overview MINIMUM / MAXIMUM NUMBER OF STUDENTS: 4/8TARGETED AUDIENCE: Missile Maintenance Technicians. AVAILABILITY: An Official Training Request from the customer should be sent through the appropriate U.S. Navy channels listing the specific training courses needed, location desired for the training and proposed dates. All training is subject to availability of instructors, equipment and training sites. Class size is the Optimum suggested size and can be modified.

PRE-REQUISITE: Basic skills in English are desired to help the student better understand the material. Other student skills such as basic computer knowledge, electronics, mathematics, an understanding of logistics processes, safety principles and explosives safety are desired.

COURSE NOTES:

P195010	CIVCONTR	U	MK92 MOD 12 SSCWI OPR & MAINT TRAINING	1w	PLMM	Moorestown, NJ
ECL:	70			**EIMET:**	No	

Provides knowledge and skills necessary to enable the technician to operate and maintain the MK-92 MOD-12 Gun FCS solid-state continuous wave illuminator (SSCWI) transmitter.

PRE-REQUISITE:

COURSE NOTES:

P195011		U	MK41 VLS BASELINE V TO VII ISEA/FSR DELTA COURSE	3w	PWSE	Port Hueneme, CA
ECL:	80			**EIMET:**	No	

Training Course is the major system theory, operation, fault isolation, and repair course. Course provides students with in-depth theory; experience and safety awareness required to operate/maintain and repair the Mk 41 Vertical Launching System BL VII. Students will learn operational theory and "next higher level" fault isolation from a systems view with emphasis on the interaction between the major equipment components of VLS and the interaction between VLS and the Weapon Control System (WCS). The BL V to VII Delta Course includes, but is not limited to the following topics.1. BL VII Intro2. BL VII Power Distribution3. MK 5 LSEQ4. MK 448 Mod 1 MCP5. MK 179 Programmable Power Supply6. MK 235 LCU7. Launch Control System Fault Isolation

PRE-REQUISITE: Students must be graduates of MK 41 VLS ISEA/FSR Course MASL P195125

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P195125	S-121-1004	U	MK41 VLS ISEA/FSR TRNG	10w	PWSE	Port Hueneme, CA
ECL:	80			**EIMET:**	No	

The VLS Basic ISEA/FSR Training Course is the major system theory, operation, fault isolation, and repair course. Course provides students with in-depth theory; experience and safety awareness required to operate/maintain and repair the Mk 41 Vertical Launching System. Course also provides instruction designed to assist in system installation and check-out. Students will learn operational theory and "next higher level" fault isolation from a systems view with emphasis on the interaction between the major equipment components of VLS and the interaction between VLS and the Weapon Control System (WCS). This course is a requirement for all field service engineers and technicians planning to attain official certification as a VLS System Maintenance Technician (SMT). Successful completion of this course is required prior to performing work on the Mk 41 Launcher. Satisfactory completion of this course is the first requirement of the U.S. Navy Mk 41 VLS Personnel Certification Program. Additional field experience is required prior to applying for SMT certification. Official SMT certification is granted by PHD-NSWC after completion of the PCP. This course is offered to foreign navies who have adopted a similar PCP to certify their own MK 41 VLS installation and operational personnel, subject to NAVSEA concurrence. Topics include: Introduction to the Mk 41 Vertical Launching System, Gas Management System, Power Distribution System, Deluge, Sprinkler, Launcher Drainage and Plenum Drain Systems, Anti-Icing System, Launch Functions and Launch Control System, System Installation and Special Test Equipment, Strikedown and Replenishment System, System Fault Isolation, Data Reduction, and Missile Safety Report. TARGET AUDIENCE: Engineers and Technicians entering the Mk 41 VLS Personnel Certification Program (PCP) and others requiring an in-depth understanding of the theory, operation, fault isolation and repair of the Mk 41 Vertical Launching System.

PRE-REQUISITE: Military personnel must be graduates of a Mk 41 VLS O&M or equivalent course

COURSE NOTES: NOTE: Course length for FMS countries is 7 to 10 weeks, depending on baselines, configurations and missile variants.

P195126		U	VLS DOCKSIDE LOADING	0.8w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

This course will provide the student with the training to conduct the shore-based VLS on/offload operation with emphasis on communications between ship s force and shore-based personnel. Procedural guidance for this course is contained in the technical manual for VLS Canister Dockside Handling Procedures. The dockside handling course is approximately 20 percent classroom training and 80 percent practical hands-on application. Topics include: 1. Safety overview 2. Handling equipment familiarization 3. Handling and support equipment arrangement and set up 4. Handling equipment and PHS&T equipment maintenance 5. Support documentation If requested, the course can be taught as a familiarization course for personnel not working in the dockside onload/off-load area. The familiarization course would be conducted as a demonstration and students would not be certified or recommended for certification. MINIMUM / MAXIMUM NUMBER OF STUDENTS: Class is limited to 4 to 6 students and 2 observers. Students include signalman, rigger/handler, ordnance certified crane operator and ordnance certified forklift driver. If conducted as a familiarization course, student prerequisites are waived and students will not be certified or recommended for certification. TARGET AUDIENCE: VLS dockside operation technicians, supervisors and support personnel.

PRE-REQUISITE: Basic hand tool operating skills. Ability to read and comprehend technical documentation and work instructions. Ordnance handling experience and background is helpful. This class is for personnel who are actually going to perform Dockside handling operations and requires a signalman, rigger/handler, ordnance certified crane operator and ordnance certified forklift operator. If conducted as a familiarization course at PHD NSWC student prerequisites are waived and students will not be certified.

COURSE NOTES:

P195133		U	MK612 MOD 6 DELTA THEORY	1w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

Course explains the differences between the MK612 MOD 4 and the MK 612 MOD 6 Test Sets, including the differences and additions to maintenance procedures, operation procedures and alignment procedures. PREREQUISITES: Participants must have knowledge of test site safety and security regulations at test site facility where individual duties will be performed. Prerequisite courses: MK612 MOD4 OPERATOR (P195127) AND MK612 MOD4 MAINTENANCE (P195128) and MK 612 MOD 4 Alignment Technician (P195132). MINIMUM/MAXIMUM NUMBER OF STUDENTS: 1/6 TARGETED AUDIENCE: Missile Maintenance Technicians AVAILABILITY: 60 days from receipt of formal request and funding.

PRE-REQUISITE:

COURSE NOTES:

P195134		U	ESSM THEORY OF OPERATION	0.6w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

EVOLVED SEA SPARROW MISSILE (ESSM) THEORY OF OPERATION SYNOPSIS: Provides an overview of ESSM Theory of Operations MINIMUM/MAXIMUM NUMBER OF STUDENTS: 1/20 TARGETED AUDIENCE: Personnel required to have an understanding of ESSM Theory of Operation. AVAILABILITY: Pre-scheduled courses at PHD NSWC are available on a reservation basis. Special courses either at PHD NSWC or in-country can be arranged depending on instructor availability.

PRE-REQUISITE: Participants must have knowledge of test site safety and security regulations at test site facility where individual duties will be performed.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P195135		U	MK41 VLS INTRODUCTION	2w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

INTRODUCTION TO MK41 VERTICAL LAUNCHING SYSTEM. This course provides a thorough technical introduction to the terminology, capability, and theory of operation of the Mk 41 VLS. Personnel with a technical background will learn VLS theory and can quickly gain an understanding of the various VLS technical documents and maintenance requirements. This course also provides program office and staff personnel with an introduction to the abbreviations and terminology of VLS. This course has the capability of being tailored to the specific Mk 41 VLS MOD customer requirements. Topics include: Safety Design Precepts, Cardinal Rules and PCP System capabilities, characteristics, abbreviations, terms and documentation, Security requirements, System physical description, description of all major sub-systems and equipment Functional description, signal flow, control, sequential operation, and indicators, Combat Systems interface description, Normal operation, casualty mode operation, displays and indicators, preventive and corrective maintenance and maintenance policy TARGET AUDIENCE: Prospective Commanding Officers, Prospective Executive Officers, Weapons Officer, Combat Systems Officer, Missile Officer, and other personnel requiring a basic technical familiarity of the Mk 41 Vertical Launching System. Minimum/Maximum number of students: 1/12

PRE-REQUISITE:

COURSE NOTES:

P195138		U	MK 680 CMTS OPERATOR	0.6w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

MK680 COMBINED MISSILE TEST SET (CMTS) OPERATOR TRAINING This course is a prerequisite for P195139 MINIMUM / MAXIMUM NUMBER OF STUDENTS: 1/6 TARGETED AUDIENCE: MK 680 CMTS technicians and/or operators SYNOPSIS: MK 680 CMTS Operator training is typically covered during the VLS STANDARD Missile (SM-2 BLK II/BLK III) Encan/Decan training (MASL P195145), but can be taught as a stand-alone course. It is a prerequisite to the MK 680 CMTS Maintenance training (MASL P195139). AVAILABILITY: 60 days from receipt of formal request/funding.

PRE-REQUISITE: Basic computer operating skills and familiarity with general purpose electronic test equipment. Ability to read and comprehend technical documentation and work instructions.

COURSE NOTES:

P195139		U	MK 680 CMTS MAINTENANCE	1w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

"MK 680 COMBINED MISSILE TEST SET (CMTS) MAINTENANCE" This course will provide the student with the skills and knowledge necessary to safely and properly perform CMTS general maintenance and fault diagnostic testing, troubleshooting, repair, removal and replacement of components and chassis. The CMTS maintenance course includes but is not limited to the following. 1. Theory of operation 2. Operational testing of empty and loaded VLS canisters overview 3. Preventive maintenance requirements and procedures 4. Fault diagnostic and corrective maintenance AVAILABILITY: 60 days from receipt of formal request/funding. MINIMUM / MAXIMUM NUMBER OF STUDENTS: 1/6 TARGETED AUDIENCE: MK 680 CMTS technicians and/or operators.

PRE-REQUISITE: MK 680 Combined Missile Test Set (CMTS) Operation Training (P195138) is a prerequisite. Good understanding of basic electricity and electronics. Basic hand tool and computer operation skills. Ability to read and comprehend technical documentation and work instructions. Previous experience in electronic test equipment and systems maintenance is helpful.

COURSE NOTES:

P195152	CIVCONTR	U	SM-2 MISSILE THEORY OF OPERATIONS	0.6w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

STANDARD MISSILES-2 THEORY OF OPERATION (MK698 GMTS)

PRE-REQUISITE:

COURSE NOTES:

P195153	CIVCONTR	U	SM-2 MISSILE ASSEMBLY/DISASSEMBLY/INSPECTION	1w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

Provide the student with the skills and knowledge necessary to disassemble, assemble, and perform a component and complete round inspection of SM-1 Missile. This course includes but is not limited to the following topics: Understanding of Documentation (SMPDs)Component and complete round receipt/issue inspections Missile assembly/disassembly w/wo TLM Ordnance Safety & Handling Equipment familiarization TARGET AUDIENCE: Missile Maintenance Technicians LOCATION: Requestors location or Raytheon Missile Systems Tucson, AZ CLASS SIZE LIMIT: Minimum 2, Maximum 8AVAILABLILITY: Courses will be available upon request and instructor availability.

PRE-REQUISITE: Should pass English Comprehension Level (ECL) test with a minimum score of 70%. Ordnance handling and basic hand tool skills.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P195154	CIVCONTR	U	VLS MK41 OPS/MT/MAG SPKLR	8w	PLMB	Baltimore, MD
ECL:	70A			**EIMET:**	No	

A combination of VLS MK41 OPS/MT (P195990/A-121-0569 and Magazine Sprinkler System (P145068) and taught by contractor Lockheed Martin Baltimore. Provides students with a basic understanding of how to operate the MK 41 VLS in all modes and configurations, observing all safety precautions. Students learn how to perform scheduled and unscheduled maintenance as well as fault isolation and repair to the lowest replaceable unit using the required technical manuals and procedures. Operation and maintenance is taught from an equipment viewpoint. Second aspect of training is to train personnel in proper operation, testing casualty analysis, preventive maintenance, and repair of salt water activated magazine sprinkler systems and associated thermo-pneumatic automatic controls. Course includes classroom and laboratory instruction including theory of operation, valves, thermo-pneumatic controls and piping. During practical sessions students operate, test, isolate casualties, and repair operational classroom mock-up sprinkler systems. Tailored to country requirements.

PRE-REQUISITE: Basic Electricity and Electronics(BE&E) background required. BE&E training can be obtained using own country assets or by attending U. S. training course, Advanced Electronics Technical Core, A-100-0139.

COURSE NOTES:

P195155	CIVCONTR	U	SM-2 MISSILE CONTAINER HANDLING	1w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

Provides the student with the skills and knowledge necessary to safely pack, unpack, & inspect Missiles and components and inspect and handle all-up round SM-1 Missile containers and associated component containers. This course includes but is not limited to the following topics:-Understanding of Documentation (SMPDs) - Can / Decan and MRI of an All-up-Round Missile - Pack, unpack, & Inspection of components, including container markings and labeling - Container Inspection-Limited Container Maintenance - Handling Equipment Familiarization & Use - Safety Precautions TARGET AUDIENCE: Missile Maintenance Technicians LOCATION: Requestors Location or Raytheon Missile Systems, Tucson, AZ CLASS SIZE LIMIT: Minimum 2, Maximum 8 AVAILABLILITY: Courses will be available upon request and instructor availability.

PRE-REQUISITE: Should pass English Comprehension Level (ECL) test with a minimum score of 70%. Ordnance handling & basic hand tool skills

COURSE NOTES:

P195156	CIVCONTR	U	MK45 UNIVERSAL/FUZE TEST COUPLER FAMILIARIZATION	0.2w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

This course will provide the student with Familiarization of the MK 45 UTC/FTC. This course includes, but is not limited to, the following topics: - MK 45 UTC/FTC Familiarization -Documentation TARGET AUDIENCE: Test Equipment Maintenance Technicians LOCATION: Requestors Location or Raytheon Missile Systems, Tucson, AZ CLASS SIZE LIMIT: Minimum 2, Maximum 12 AVAILABLILITY: Course available upon request and instructor availability.

PRE-REQUISITE: Should pass English Comprehension Level (ECL) test with a minimum score of 70%.

COURSE NOTES:

P195157	CIVCONTR	U	ESSM FLIGHT DATA ANALYSIS	1w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

This course covers flight data analysis training for the Enhanced Sea Sparrow Missile (ESSM).

PRE-REQUISITE:

COURSE NOTES:

P195158	CIVCONTR	U	SM-2 SITE TRAINING	0w	PRCA	Camden, AR
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P195159	CIVCONTR	U	NATO SEASPARROW MISSILE RIM-7/RIM7P VL FAM	0w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

NATO Seasparrow Missile RIM-7/RIM7P VL Familiarization:*Presentation of the missile main components with interface to launcher MK-29 and MK-41*Detailed presentation of the missile and its functions*Presentation and short description of missile testing with the test set DSM-156*Presentation of the Jet Vane Control (JVC) with regard to main components*Detailed Presentation of the JVC and its functions*Presentation and short description of testing the JVC with test set DSM-156

PRE-REQUISITE:

COURSE NOTES:

P195182		U	MK86 MOD10/12 GFCS MAINT	22w	PWSE	Port Hueneme, CA
ECL:	80			**EIMET:**	No	

Gun Fire Control System (GFCS) MK 86 MOD 10/12 Maintenance The course provides knowledge and skills necessary to enable the technician to understand function and maintain the GFCS MK 86 Mod 10/12 System. The course is split into two courses, 18 weeks for MK 86 Radar Equipment and Consoles and 4 weeks for Computer Equipment. Students learn system functions, preventive maintenance, and basic corrective maintenance requirements of the AN/SPG-60 Air Track Radar, AN/SPQ-9A Surface Search Radar Group, AN/UYK-7 Digital Computer, DEAC Magnetic Tape Recorder, I/O Console, Operator Consoles, Optical Sighting System and Gun Control and Monitoring Subsystems. Major Topics Include: Introduction; Power Systems 1&2; SPQ-9 Radar; Video Processor; Plan Position Indicator; B-Scan; SPG-60 Radar; Digital (Computers/Interfaces); Television System; Gun Control and Monitoring; System Troubleshooting. Minimum/Maximum number of students: 1 / 8. Prerequisites: Basic Electricity and Electronics, Analog and Digital Theory, and Radar Principles. Targeted Audience: Military or civilian personnel requiring an in-depth understanding of the Maintenance, function, fault isolation and repair of the MK86, Mod 10/12 Gun Fire Control System.

PRE-REQUISITE:

COURSE NOTES:

P195185		U	MK678 MOD1 TELEM TEST O/M	1w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

MK678 MOD 1 TELEMETER TEST SET OPERATION/MAINTENANCE COURSE SUMMARY: MK 678 MOD 1Telemeter Test Set Operation and Maintenance training is conducted on-site, as a stand-alone course. The training course is 3 to 5 days long and includes classroom instruction and laboratory exercises on test set operation, processing of telemeters, documentation usage, preventive and corrective maintenance application, and troubleshooting. TARGET AUDIENCE: Personnel required to operate and maintain the MK 678 MOD 1 Test Set. PREREQUISITES: Familiarity with operation of general purpose electronic test equipment, IBM compatible Personal Computers (PCs) and Microsoft-Windows. Must pass English Comprehension Level (ECL) test with a score of 70%. CLASS SIZE: LIMITED TO 6 AVAILABILITY: 60 days from receipt of formal request and funding.

PRE-REQUISITE:

COURSE NOTES:

P195186		U	ESSM ASSEMBLY/DISASSEMBLY	1w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

EVOLVED SEA SPARROW MISSILE (ESSM) ASSEMBLY/DISASSEMBLY This course will provide the student with the skills and knowledge necessary to safely and efficiently inspect, assemble, disassemble, and handle Evolved Sea Sparrow Missile (ESSM), components, sections, and propulsion units. This course includes but is not limited to the following topics. 1. Missile, missile section, propulsion unit, component receipt and issue inspections 2. Assembly of missile sections, components, and propulsion units into a customer - specific AUR (All-Up-Round) 3. Disassembly of an AUR to the section, component, and propulsion unit level 4. Ordnance safety and handling equipment familiarization PREREQUISITES: For countries that buy into the automated Surface Missile Processing Description (SMPD) process called Surface Missile Engineering Processing System (SMEPS) for their Intermediate Level Maintenance Facility, SMEPS should be installed and running. MINIMUM / MAXIMUM NUMBER OF STUDENTS: 1/6

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P195187		U	ESSM ENCAN/DECAN	2w	PWSE	Port Hueneme, CA
ECL:	70			**EIMET:**	No	

EVOLVED SEA SPARROW MISSILE(ESSM) ENCANISTERIZATION/DECANISTERIZATION This course will provide the student with the skills and knowledge necessary to safely and efficiently install and remove the ESSM missile from the MK 25 canister and perform empty canister tests using the MK 690 Canister Acceptance Test Set (CATS). The Encan / Decan course includes, but is not limited to the following topics. 1. Safety Overview 2. MK 25 Canister, MK 41 VLS and ESSM General Overview 3. Modification of MK 33 Loader to support ESSM operations 4. Missile inspection 5. Missile transfer from assembly stand to MK 33 Loader 6. MK 25 Canister inspection, testing and maintenance 7. Missile Encan and VL AUR testing 8. Installation and removal of canister PHS&T 9. Missile Decan 10.Canister code plug configuration 11.Support documentation overview PREREQUISITES: For countries that buy into the automated Surface Missile Processing Description (SMPD) process called Surface Missile Engineering Processing System (SMEPS) for their Intermediate Level Maintenance Facility, SMEPS should be installed and running. MINIMUM / MAXIMUM NUMBER OF STUDENTS: 1/6 TARGETED AUDIENCE: ESSM Maintenance Technicians, supervisors, and support personnel

PRE-REQUISITE:

COURSE NOTES:

P195188	CIVCONTR	U	SM-2 VLS ENCAN/DECAN	1w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

SM-2 ENCAN/DECAN Provides the student with the skills and knowledge necessary to safely and efficiently install and remove Standard Missile from the MK 13 VLS canisters and perform tests using the MK 680 Combined Missile Test Set (CMTS). This course includes, but is not limited to, the following topics:. Understanding and Use of SMPDs. MK 13 Canister VLS Overview. Canister Inspection. MK 680 CMTS Self Test and Operation. Canister Testing and Missile Can and Decan. Canister Code Plug Configuration and Recertification. Safety Precautions TARGET AUDIENCE: Missile maintenance technicians PREREQUISITES: A minimum ECL score of 70;ordnance handling and basic hand tool skills CLASS SIZE LIMIT: Minimum two, maximum eight AVAILABILITY: Courses will be available upon request, depending on instructor availability. Please contact your NETSAFA Country Representative

PRE-REQUISITE:

COURSE NOTES:

P195982	A-121-0580	U	VLS MK41 BASEL V/VII	4w	PTCL	Virginia Beach, VA
ECL:	70A			**EIMET:**	No	

"VERTICAL LAUNCHING SYSTEM MK 41 BASELINE V/VII OPERATIONS AND MAINTENANCE" To provide Naval personnel in the Gunner s Mate rating (E-1-E-9) with the technical knowledge and requisite skills necessary to operate and maintain the Vertical Launching System MK-41 Baseline V/VII MODS 7 and 15 under limited supervision at the organizational level of maintenance. The equipment will be operated and maintained wherever installed and under all conditions of readiness. Scope: Training includes the theory of the MK 41 VLS: 1. Operate the Vertical Launching System (VLS) MK 41 MOD 7 and MOD 15 in all modes and configurations. 2. Perform scheduled maintenance on VLS MK 41 MOD 7 and MOD 15. 3. Perform fault isolation and corrective maintenance procedures on MK 41 MOD 7 and MOD 15 to the lowest replaceable unit. Scope: Training includes: the theory and operation, troubleshooting procedures, PMS requirements and applicable safety precautions for the following components of the MK 41 Vertical Launching System: 1. MK 41 VLS Operation and Maintenance 2. Launcher Equipment Operation, Maintenance and Fault Isolation 3. Strikedown System Physical and Functional Description 4. Launch Control Unit Operation, Maintenance and Fault Isolation 5. System Fault Isolation

PRE-REQUISITE:

COURSE NOTES:

P195985	A-121-0580	U	VLS MK41 BASEL V/VII	4w	PFCS	San Diego, CA
ECL:	70A			**EIMET:**	No	

To provide Naval personnel in the Gunner s Mate rating (E3-E9) with the technical knowledge and requisite skills necessary to operate, maintain, fault isolate and repair the Vertical Launching System MK-41 under limited supervision at the organizational level of maintenance. The equipment will be operated and maintained wherever installed and under all conditions of readiness. SCOPE: Training includes: the theory and operation, troubleshooting procedures, PMS requirements and applicable safety precautions for the following components of the MK-41 Vertical Launching System: 1. VLS MK-41 GMLS 2. Status Panel 3. AN/UYK-20(V) Computer 4. AN/UYK-44(V) Computer 5. AN/USH-26(V) Cartridge Magnetic Tape Unit 6. OL-267(V)1/UYK Data Terminal Group 7. AN/USQ-69(V) Data Terminal Set 8. RO-530/UYK Line Data Printer 9. Sprinkler System 10. Ventilation System 11. Deluge System 12. Strikedown Elevator/Crane Assembly 13. Package, Handling, Storage and Transportation Equipment (PHST) 14. Strikedown Replenishment Equipment 15. Magazine Support Equipment

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P196012	MODULE 3.4	U	AIM-9X SIDEWINDER EMER SAF	1w	PHTF	Tucson, AZ
ECL:	70			**EIMET:**	No	

AIM-9X SIDEWINDER EMERGENCY SAFING MODULE 3.4 The Contractor will provide, on a one-time basis, 1 week of training at Raytheon Tucson AZ. Training will consist of formal classroom instruction and on-the-job training. Formal classroom training consists of lecture-type instruction supplemented by instructor handout materials, use of applicable Technical Orders, and training aids including actual hardware. Laboratory training will include demonstrations of procedures using inert and actual hardware. Laboratory training will provide the student with actual maintenance and support experience in a working environment. Student Qualifications: It will be required that students be qualified as supervisors, technicians, and specialists or equivalents. All training will be conducted in the English language. Trainees must have an English Comprehension Level (ECL) of 70% or higher.

PRE-REQUISITE:

COURSE NOTES:

P196018		U	MISSILE MAINT SUPPORT TRNG	3w	PWCL	China Lake, CA
ECL:	70			**EIMET:**	No	

Training provided on the AIM-9M Sidwinder Missile includes the following elements: 1. Theory of Operation 2. Missile Safety 3. Missile Maintenance Manual Familiarization 4. Missile and Component Inspection 5. Missile and Component Maintenance 6. Missile Assembly/Disassembly Training provided on the TS-4044D/TS-3860 (series) includes the following elements: 1. Theory of Operation 2. Test Set Calibration 3. Test Set troubleshooting 4. Test Set repair

PRE-REQUISITE:

COURSE NOTES:

P196019		U	LAUNCHER SHOP TEST SET	1w	PMEI	Inglewood, CA
ECL:	70			**EIMET:**	No	

LAUNCHER SHOP TEST SET (LSTS) A commercial training course for the LSTS (Launcher Shop Test Set) will be conducted at Marvin Engineering Co. in Inglewood, CA. for International sidewinder user groups. The course will not include any classified information. The duration of the course will be 5 days; days 1 and 2 will be class room training, days 3 & 4 will be hands on laboratory training and day 5 will be review and final exam. The course will be conducted by an English speaking instructor. The class size will be no more than four persons that have some basic aircraft weapon systems background. The training will cover the use of the LSTS to perform testing of the LAU-7 launcher and the LAU-7 power supply and fault isolation of the launcher. Also included in the course is some basic theory of operation and instructions on performing module replacement of the modular power supply (p/n 115210-1).

PRE-REQUISITE:

COURSE NOTES:

P199003		U	MISSILE FIRING TEAM TRAINING	1w	VAR	
ECL:	70			**EIMET:**	No	

Purpose - Provide the knowledge and skills required to effectively develop and choreograph scenario controlled AAW Firing Team training exercises in accordance with applicable guidance. Preparation, package development, and evaluation of training evolution utilizing embedded training devices are included. Description - These presentations include CSOSS Stage II review for Pre-Fire Checks and PMS requirements, an Understanding of Standard Missile Firing Plan scripts for Fleet Missile Firing Events, Conduct of ship's Training Team evaluation of Missile Firing Team Exercises, Development and storage of internal Lessons Learned. Target Audience - AAW firing team positions Special Notes:1. Classroom with projector screen, days 1 and 2.2. Dedicated system time for days 3 through 5.

PRE-REQUISITE:

COURSE NOTES:

P262000	MET PDR	U	MET DRMI (MIDMC) REGIONAL	2w	VAR	
ECL:	80			**EIMET:**	No	

The regional MET is used to program students from various countries attending a DRMI MIDMC in an OCONUS host country. It is not used to program host country participants. See MASL P319016 for MIDMC course description. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P271000	OVERSEAS-N	U	COMBINED FORCE MARITIME COMPONENT CDR FLAG NAPLES	1w	PNWI	Naples, IT
ECL:	80			**EIMET:**	No	

A NAVWARCOL team teaches the CFMCC Flag Course which addresses the challenges of commanding and controlling Combined Maritime Forces at the operational level to achieve maritime security objectives. The attendees are one and two-star flag and general officers from the US military services and other nations in a specific region. Throughout the course, senior officers and officials from the US and other nations offer their perspectives on issues relevant to combined maritime operations. Attendees also work through case studies focusing on regional issues. The objectives of the course are to:1. Develop and deepen relationships based on trust and confidence among partner nations in the framework of regional challenges.2. Serve as a forum to evolve Combined Maritime Command and Control concepts and mechanisms, and eliminate impediments to effective coordination.3. Advance the understanding of those security issues facing participating nations.2010 Conference: Location Code PNWI Naples, Italy

PRE-REQUISITE: Attendees from foreign nations are solicited by invitations to specific nations that are selected by the Chief of Naval Operations each time the course is held.2010 Conference: Location Code PNWI Naples, Italy

COURSE NOTES:

P271001	OVERSEAS-B	U	COMBINED FORCE MARITIME COMPONENT CDR FLAG BAHRAIN	1w	PNWB	Manama, Bahrain
ECL:	80			**EIMET:**	No	

A NAVWARCOL team teaches the CFMCC Flag Course which addresses the challenges of commanding and controlling Combined Maritime Forces at the operational level to achieve maritime security objectives. The attendees are one and two-star flag and general officers from the US military services and other nations in a specific region. Throughout the course, senior officers and officials from the US and other nations offer their perspectives on issues relevant to combined maritime operations. Attendees also work through case studies focusing on regional issues. The objectives of the course are to:1. Develop and deepen relationships based on trust and confidence among partner nations in the framework of regional challenges.2. Serve as a forum to evolve Combined Maritime Command and Control concepts and mechanisms, and eliminate impediments to effective coordination.3. Advance the understanding of those security issues facing participating nations.2010 Conference: Location Manama, Bahrain

PRE-REQUISITE: Attendees from foreign nations are solicited by invitations to specific nations that are selected by the Chief of Naval Operations each time the course is held.2010 Conference: Location Manama, Bahrain It is essential the attendee be a commodore or rear admiral. In the case where a flag officer or general officer may be too senior, a senior captain or colonel with clear potential for selection and promotion may be designated. Students must have an English Comprehension Level of 80 or higher on the ECL Test.

COURSE NOTES:

P273000	MTT PRETC	U	MTT REGIONAL SMALL BOAT MAINTENANCE AND REPAIR	1w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students on design, construction, and maintenance of small boats through boat inspection, preventive maintenance, and identifying and correcting potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include diesel engine maintenance, outboard motor maintenance, fiberglass repair, basic electrical repair and general small boat repair. Class Size: Maximum: 20 Students Minimum: 5 Students Requirements: -Classroom with desks and chairs of sufficient size suitable for inst-At least one operational small boat-Appropriate tools to conduct maintenance and repair on a light vehicle ETC will provide:-Training material

PRE-REQUISITE: Students should be assigned as small boat operators or maintainers.

COURSE NOTES:

P273001	MET CMR	U	MET REGIONAL CIV-MIL RELS	1w	VAR	
ECL:				**EIMET:**	Yes	

Same description as P309070, except that one country agrees to host a MET to which other countries are invited. The hosting country will use IMET funds already programmed for P307090, or it will be given additional funds with which to host the regional program. CCMR has conducted regional METs for Central America, Europe and Africa, and plans to offer that program each year, focusing on a consensus topic within the Defense Decision Making field. Other regional METs are welcome. This will be CTFP funding not IMET funding.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P273002	CT- MTT-CMR	U	MTT PACRAT-CT (REGIONAL)	1w	VAR	
ECL:	70			**EIMET:**	No	

MTT-Pacific Regional Approaches To Combating Terrorism (PACRAT-CT) A one week Special Operations Command Pacific (SOCPAC) sponsored Pacific region MTT, prepared and taught in coordination with CCMR and JSOU staff, and approved for CTFP. Target audience is international Pacific region mid grade/field grade officers (O4 - O6), senior NCOs, and interagency equivalent positions.

PRE-REQUISITE:

COURSE NOTES:

P273003	MTT PCG	U	MTT REGIONAL MARITIME LAW ENFORCEMENT	1w	VAR	
ECL:				**EIMET:**	No	

MTT Regional Maritime Law Enforcement

PRE-REQUISITE:

COURSE NOTES:

P273010	MET PDI	U	MET REGIONAL DIILS	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

SCOs may work cooperatively with neighboring or similar country programs to send individual participants to METs in another country. Regional participation in METs allows for several countries to take advantage of a MET on a topic of interest, expose participants to the DIILS program, and take part with their peers from other countries in a MET of mutual interest. This MASL is for use when individual students are sent to a DIILS program in another country. Specific description DIILS seminars are listed under MASL 309061. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P273011	CT-MET-CMR	U	MET CT REGIONAL CIV-MIL	1w	VAR	
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) conducts one- or two-week seminars in Civil-Military Responses to Terrorism , hosted by security assistance officers in selected countries. The key objectives of the course of instruction are to: (1) support international understanding of the politico-military components of combating international terrorism; and (2) enhance the capabilities of coalition partners to develop effective short- and long-term programs to combat terrorism that are consistent with democratic principles. The Civil-Military Responses to Terrorism course provides a thorough understanding of terrorism in all its forms, with considerable emphasis on strategy formulation and international cooperation. The program utilizes case studies and simulation exercises to stimulate thoughtful discussion, providing participants with the insight needed by decision-makers and their advisors to design successful strategies to contain or defeat modern terrorism. Participation in regional programs is determined by Regional Combatant Commanders, working closely with hosting SCOs and CCMR. Regional programs are financed according to NETSAFA cost-sharing policies. Hosting countries are normally given more seats in these courses than their neighboring states, but diversified audiences are sought. Civilian participation is considered essential for accomplishing the goals of the course. Regional courses can be conducted in a variety of locations, from peacekeeping training centers to hotel conference rooms. The primary requirement is that there be a conference room large enough for an audience of 30-60 people. Two or three smaller rooms are often required for the working/simulation exercise groups (one group can meet in the main conference room). Regional courses will be scheduled as desired, but CCMR s aim is to conduct one regional (or multiple sub-regionals) in each AOR once per year. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P273012	MTT CMR	U	MTT KHAN QUEST ANNUAL EXERCISE	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P273013	MET CMR	U	MET REGIONAL GPOI PEACE SUPPORT OPS	1w	VAR	
ECL:				**EIMET:**	Yes	

GLOBAL PEACE OPERATIONS INITIATIVE (GPOI) PEACE SUPPORT OPERATIONS MET (REGIONAL) A series of modules and courses, based on current United Nations Guidelines for PSO Training, covering the various topics of the GPOI core level courses and specialized PSO core curriculum will be delivered, when applicable, in conjunction with trained host country subject matter instructors at national peacekeeping training center(s) to staff, faculty and selected military officers and civilians. Regional MET modules and courses will be tailored to the recipient countries needs as developed during the GPOI Program Design and Development Visit. All Regional METs will emphasize practical training exercises oriented toward a "train the trainer" format in an international training environment. GPOI education and training is oriented toward mid-to-senior level officers involved with institutional PSO education and training development, and the practical exercises are aimed at battalion and higher staff levels. This meets the US policy goals of enhancing interoperability among peacekeeping partners and promoting a common PSO doctrine.Participants: Participation in regional programs is determined by Regional Combatant Commanders, working closely with hosting ODC/SCOs and CCMR. Regional programs are financed according to NETSAFA cost-sharing policies. Hosting countries are normally given more seats in these courses than their neighboring states, but diversified audiences are sought. Civilian participation is considered when applicable, dependent on goals of selected course(s) or seminar(s). Venue/Accommodations: Regional courses can be conducted in a variety of locations, from peacekeeping training centers to hotel conference rooms. The primary requirement is that there be a conference room large enough for an audience of 30-60 people. Two or three smaller rooms are often required for the working/scenario-based exercise groups (one group can meet in the main conference room). Participants from countries other than the hosting country should be accommodated in a local hotel or, when appropriate, at the training center on-site accommodations, preferably the same one in which the course/seminar is to be conducted. Language: Courses and seminars are taught in English. The ECL requirement is 80, although waiverable upon request. Regional programs may utilize simultaneous interpretation for instruction if there is a common language other than English. Interpretation and Translation: For complete accuracy, interpretation may be necessary for some programs. Simultaneous interpretation forthe full group (plenary) sessions is preferable because it allows for far more material to be covered in a limited period. Consecutive interpretation is fine for the small discussion groups. The ODC/SCO will normally also be asked to arrange for translation of the packet of course materials, which CCMR will provide approximately one month prior to the seminar.

PRE-REQUISITE:

COURSE NOTES:

P279000	MET NPGS	U	MET REGIONAL NAVPGSCOL	1w	VAR	
ECL:				**EIMET:**	No	

The regional MET is used to program students from various countries attending a MTT NAVPGSCOL in an OCONUS host country. It is not used to program host country participants. Host country should be programmed under MASL P319008.SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P279005	CT-MET-POO	U	MET REGIONAL CT-FINANCING & ABUSE OF NPOS	1w	VAR	
ECL:				**EIMET:**	No	

Combating Terrorist Financing and Abuse of Non-Profit Organizations (NPOs) (Regional) Description: This 1-week workshop hosted in New Delhi, will bring together professionals tasked with the missions of Counter-Terrorism, Counter-Insurgency, and Countering the Financing of Terrorism (CFT) and Financial Crimes in South Asia (India, Nepal, Bangladesh, Sri Lanka, Maldives, Afghanistan, and Pakistan) to participate in a South Asia regional counter-terrorism workshop focused on combating terrorist financing in the charitable sector.CTFP Justification: The charitable sector has been identified by counter-terrorism authorities and the international community as one of the primary means that terrorist organizations raise, move and use funds. Most importantly, the Financial Action Task Force (FATF) -- the anti-money laundering and countering the financing of terrorism (AML/CFT) international standard setting body -- has issued an international standard on combating terrorist abuse of NPOs, also known as Special Recommendation VIII (SRVIII). This international standard calls for governments to develop and implement a comprehensive framework to effectively combat this terrorist threat. This approach begins with the need for governments to conduct a domestic NPO sector review and a terrorist finance threat assessment for their NPO sector, followed by the development and implementation of a 4-prong approach that includes oversight; outreach; enforcement actions; and international engagement to counter this challenging terrorist threat.Description - The objective of this workshop is to discuss and analyze the complex nature of this terrorist threat and to determine what actions this region can take working together to combat this significant, yet often overlooked, form of terrorist financing. Terrorist abuse of NPOs also includes radicalization, which contributes toward regional instability, insurgency, terrorism and other illicit activity. Combating and countering this terrorist threat requires interagency as well as multilateral efforts in order to be most effective. It is envisioned that this CT workshop will serve not only as a model for similar workshops in other regions, but key participants from South Asian governments will be asked to speak about their experience addressing this terrorist threat at future workshops in other regions.Target Audience - The most effective approach to combat this terrorist threat requires a wide range of CT interagency components. Therefore, approximately 42 personnel will be trained from a variety of relevant CT government agencies, including Finance and Foreign Ministries, Police, Intelligence, Home Affairs, Armed Forces, and Social Affairs from: India (6-8), Nepal (4-6), Bangladesh (5-7), Sri Lanka (5-7), and Maldives (4-6), Pakistan (6-8), and Afghanistan (5-7). The seminar will be offered in English. All participants meet the statutory requirements of serving as a military officer, ministry of defense official, or security official. All participants will be vetted for human rights abuses in accordance with the Leahy amendment guidance.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279006	MTT PAN	U	MTT REGIONAL- JTAC/FAC	4w	VAR	
ECL:				**EIMET:**	No	

English is the language to be used, therefore students need adequate knowledge of and proficiency in the English language - NATO STANAG 6001 Level 3, test score 85 percent. The competency examination should be biased towards military, particularly JTAC/FAC terminology. Students need to have two years of fire support experience and be knowledgably in JP 3-09.3 and or ATP 3.3.2.1.

PRE-REQUISITE:

COURSE NOTES: (AIR NAT GUARD)

P279007	MTT POO	U	NAVSCIATTS MTT REGIONAL ATTENDEE	0.2w	VAR	
ECL:				**EIMET:**	No	

REGIONAL ATTENDEE FOR NAVSCIATTS OPERATIONAL MTT P309172 OR MAINTENANCE MTT P309173 OR STRATEGIC LEVEL SM CRAFT COMBTG TERR (SLSCCBT) MTT P309224

PRE-REQUISITE:

COURSE NOTES:

P279027	MTT APS-REG	U	MTT APS HYDROGRAPHIC SURVEY-REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Hydrographic Survey Regional Trainer: NAVOCEANO Students: Navy Scientific officers, marines, oceanography institutions, universities, ports and harbors.Description: Practical introduction to hydrographic survey techniques for harbors, bays and beaches. Trainers will select an area of interest (harbor, beach) to survey. Students will use scientific instruments to conduct soundings to determine depths at different points in the harbor and use the data to verify the accuracy of existing charts. Students will be expected to document results and present their survey findings to senior officers (marines, ship commanders, amphibious operations, harbor master). Host Nation Participants will be programmed under P309027.

PRE-REQUISITE:

COURSE NOTES:

P279029	MTT PDT REG	U	MTT REG-INTRO TO CT/WEPNS OF MASS DESTR (CBTWMD)	2w	VAR	
ECL:	70			**EIMET:**	No	

In support of the CTFP program, the course is envisioned as a primer on the DOD or ministries level role in combating terrorists and use of WMDs. In accordance with the National Strategy to Combat Weapons of Mass Destruction and U.S. National Strategy for Combating Terrorism, the course will teach 3 pillars of Combating WMD: Non-proliferation, Counter-proliferation, and Consequence Management, teach 8 CWMD mission areas (WMD Security Cooperation & Partnership activities, Threat Reduction Cooperation, WMD Interdiction, WMD Offensive Operations, WMD elimination, WMD Active Defense, CBRN Passive Defense and WMD Consequence Management.)This MASL is used for the invited countries to attend a MTT in another country. Host nations should be programmed under MASL P309249. This training is also offer in the U.S. as resident training under MASL P179213.Special Notes: Intended audience is O-5/O-6 level military and civilian ministry CbTWMD practitioners from foreign countries and a few U.S. participants.

PRE-REQUISITE:

COURSE NOTES:

P279100		U	MISC USCINCPAC TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

To provide training in various areas at various USCINCPAC OCONUS sites.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279158	MET CMR	U	MET INTL HOMELAND DEFENSE REGIONAL	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom designed Expanded International Education and Training (IMET) and Counter Terrorism Fellowship Program (CTFP) course entitled "International Homeland Defense" that can be exported on demand to all IMET and CTFP recipient countries. The intended audience is mid- to senior-level, military, civilian (typically from the ministries of Defense, Interior, Justice, or Foreign Affairs), and law enforcement agency members involved in the decision making process surrounding national and international security issues. Ordinarily, participants hold ranks equivalent to that of captain (O-3) through major general, depending on source country arrangements. The key objectives of this course are to provide instruction and technical assistance to:1) Understand "Homeland Defense" as a component of the broader concept of "Homeland Security".2) Implement effective interagency planning and cooperation strategies.3) Provide a thorough understanding of current and potential threats to be defended against.4) Understand the mutually supportive roles of civil authority, military responses, and law enforcement agencies.5) Examine the intelligence requirements for successful Homeland Defense policies and strategies.6) Enhance international and regional cooperation.CCMR tailors each of its courses to the specific conditions and requirements of the recipient country. Priority is given to combining education with practical and relevant application. This is done though the use of problem solving in group settings, analysis of past lessons learned, and integrating emerging understandings into existing national laws, customs and international treaties.This program is best-delivered as a bilateral or regional mobile education team, five-day event. It could be delivered as an in-residence program in Monterey, CA, given sufficient demand.Faculty Teams: CCMR task-organizes each team to match the specific expertise requested by the ODC/SCO. As a general rule faculty teams consist of two or three world-class subject matter experts drawn from both civilian and military backgrounds.Translation: This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to take part in a Regional event. The Host Nation event will be programmed under MASL P309158.

PRE-REQUISITE:

COURSE NOTES:

P279206	MTT-SFA	U	MTT EXPEDITIONARY COMBAT FIRST AID REGIONAL	1w	VAR	
ECL:	70			**EIMET:**	No	

This course teaches personnel the basics of providing immediate care that can save a casualty's life such as control bleeding, opening and managing airway restrictions and the treatment of chest trauma to control shock. The combat first aid course also teaches students how to assist the combat medic in providing care and preparing causalities for evacuation. Course provides the basic battlefield soldier with skills to provide immediate care.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309206.

PRE-REQUISITE:

COURSE NOTES:

P279207	MTT-SFA	U	MTT COMMAND AND CONTROL LEADERSHIP (C2) REGIONAL	1w	VAR	
ECL:	70			**EIMET:**	No	

MTT COMMAND AND CONTROL LEADERSHIP (C2) REGIONALThis course will provide mid-level leadership with the tools to successfully plan and execute tactical missions. Student will receive basic training on the components of Command and Control Leadership) to include basic procedures for development and implementation of a mission plan. Students will also receive basic training on contingency pre-planned response development, map and chart reading and the defense-in-depth concept. Course contents will be tailored to meet Partner Nation request and mission requirements.Required: Classroom of sufficient size to house the number of students attending.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309207.

PRE-REQUISITE:

COURSE NOTES: Student should be in a leadership position where they are responsible for planning and executing operations.

P279291	MTT APS-REG	U	MTT APS VBSS REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership Station MTT-APS-VBSS RegionalCourse/Instruction taught by Foreign Nationals.Host Nation Participants will be programmed under P309291.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279298	MTT PCP	U	MTT REGIONAL HUMANITARIAN ASST RESPONSE TRNG HART	0.6w	VAR	
ECL:	80			**EIMET:**	No	

The Center for Excellence in Disaster Management and Humanitarian Assistance (COE) offers a Mobile Training Team International Military Education and Training (IMET) workshop course entitled Humanitarian Assistance Response Training (HART) exportable on demand to all Security Assistance (SA) eligible countries. These course offerings can be resourced with IMET funds, or host nation funds (on and FMS case), and will be open to enrollment to other SA eligible countries to enhance the multinational flavor of the course. The Humanitarian Assistance Response Training (HART) is an introductory course designed to provide international military student officers (IMSO) with information about military support to civilian-led international disaster response and humanitarian assistance operations in times of peace and insecurity. Graduates of this course will be better prepared to plan and execute disaster response and humanitarian assistance missions involving civil and military international actors. Course ObjectivesThe key objectives of the course are to provide to participants instruction and technical assistance on: (1) The key responding agencies from the affected State, assisting States, assisting state military forces and the humanitarian community, and their respective roles, responsibilities and obligations in international humanitarian assistance and disaster response operations;(2) The fundamental principles followed by the International Humanitarian Community (IHC) in international response operations, including the Principle of Do No Harm, which influences every aspect of their planning and operations;(3) International response coordination principles and mechanisms utilized in international response operations, including Humanitarian Civil-Military Coordination (UN CMCoord) and the Cluster Approach;(4) Identifying who are the populations affected by disaster or humanitarian crises, what are their respective rights and who is responsible for their care, maintenance and protection under International Law;(5) Disaster Management principles and issues, including response, recovery, preparedness and mitigation; and(6) Medical and Public Health issues in humanitarian assistance and disaster response operations.The three-day (24 hour) program emphasizes an understanding of the major responders, lessons learned from previous disaster response and humanitarian crisis emergencies, key public health issues, issues relating to the care and protection of refugees and internally displaced persons, International Humanitarian, Human Rights, Disaster Response and Refugee Law, security issues, civil-military coordination of operations, and measures of effectiveness as the primary topics, practiced in a table top exercise during the course.COE's instruction will be consistent with graduate-level professional programs. The course is designed to be an intensive, focused-learning experience. Once students complete this course, they will be familiar with UN, regional, multi-national and humanitarian interagency coordination, public health, security and disaster management. This course is designed for personnel serving in leadership or planning positions of military commands or organizations that plan and execute Disaster Response, Humanitarian Assistance and/or Peace Support operations, or develop and implement such policy, or conduct educational/training programs in support of these operations.At the end of this course, the students will be better prepared for participation in disaster response and humanitarian crisis emergencies in a multi-national, coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements.Faculty teamsCOE task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, COE faculty teams are relatively small (four individuals) consisting of proven civilian and military subject-matter experts. TranslationThe course will be taught in English. Where necessary, the course can be delivered with simultaneous interpretation into the target language as provided by the requesting agency. An English Comprehension Level (ECL) score of 80 is required. Cost Participant costs to attend the course are based on location, venue, enrollment (plus translation services if requested). Participant travel cost are a host nation responsibility.

PRE-REQUISITE:

COURSE NOTES:

P279300	MET ATM	U	MET REGIONAL IDARM	1w	VAR	
ECL:				**EIMET:**	No	

Same description as P309130 except that one country agrees to host a MET to which other countries are invited. The hosting country will use IMET funds already programmed for P309130, or it will be given additional funds with which to host the regional program. NOTE: CONDUCTED ON A REGIONAL BASIS ONLY. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P279302	MTT-SFA	U	MTT BOAT OPS LVL II - SMALL BOAT PATROL REGIONAL	2w	VAR	
ECL:	70			**EIMET:**	No	

This course familiarizes students with the concepts and execution of small boat operations in defense of High Value Assets moored in port, at anchorage or in transit. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include harbor familiarization, navigation refresher training, formation driving, advanced maneuvers, shouldering, weapons employment, layered defense, defensive maneuvers, and Patrol Order Briefs.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309302.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279303	MTT-SFA	U	MTT MIO BOARDING OFFICER REGIONAL	0.6w	VAR	
ECL:				**EIMET:**	No	

Students will be guided through the leadership procedures for each phase of a boarding operation. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include safety, mission planning, pre-boarding procedures, documentation review, vessel inspection (cargo and personnel), threat identification and management, evidence collection, procedures for health and comfort inspections, training management, medical incidents, and after action report submission. Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309303.

PRE-REQUISITE: Students should be designated as Boarding Officers or Boarding Team Members.

COURSE NOTES:

P279304	MTT-SFA	U	MTT MIO BOARDING TEAM OPERATIONS REGIONAL	2w	VAR	
ECL:	70			**EIMET:**	No	

This course will prepare students to perform boarding and inspection procedures in support of Maritime Interdiction Operations (MIO). Course contents will be tailored to meet partner country's requests and capabilities. Course topics include safety, water survival, physical training/defensive training, compliant boarding, knot tying techniques, basic weapons handling and employment, ladder climbing, shipboard and container inspection procedures, tactical movements, document inspection, mission planning, and communications.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309304.

PRE-REQUISITE:

COURSE NOTES:

P279311	MTT-SFA	U	MTT SECURITY - PHYSICAL SECURITY PLANNING REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students with physical security concepts of planning. The target audience is shore installation's security department supervisory, management and staff personnel. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include security site surveys and assessments. The course will be a combination of classroom lectures / discussions and practical exercise in an entry control point.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309311.

PRE-REQUISITE: Students should be billeted for work relevant to physical security.

COURSE NOTES:

P279312	MTT SFA	U	MTT SECURITY LVL I - ARMED SENTRY REGIONAL	2w	VAR	
ECL:				**EIMET:**	No	

This course will provide the necessary knowledge and skills needed to perform the duties and responsibilities of a Security Force Sentry controlling access to security assets. Course contents will be tailored to meet partner country's requests and capabilities. Students will learn to implement immediate actions required to identify, assess, track and deter potential threats utilizing and demonstrating the proper tactics, techniques and procedures using escalating force measures. Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309312.

PRE-REQUISITE: Students should have small arms weapons handling experience-Students should be assigned to physical security billets

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279315	MTT SFA	U	MTT SMALL BOAT MAINTENANCE REGIONAL	2w	VAR	
ECL:	70			**EIMET:**	No	

This course familiarizes students on design, construction, and maintenance of small boats through boat inspection, preventive maintenance, and identifying and correcting potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include diesel engine maintenance, outboard motor maintenance, fiberglass repair, basic electrical repair and general small boat repair.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest. This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309315.

PRE-REQUISITE:

COURSE NOTES:

P279320	MTT-SFA	U	MTT BASIC INSTRUCTOR TRAINING REGIONAL	2w	VAR	
ECL:	70			**EIMET:**	No	

This course provides training in the application of principles of learning, including instructional methods, effective communications, oral questioning, and presentation techniques appropriate to the instructional classroom and/or other learning environments. Students plan, develop, and present lessons using the lecture, demonstration, and performance methods of instruction.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309320.

PRE-REQUISITE:

COURSE NOTES:

P279322	MTT-SFA	U	MTT LEADERSHIP PRINCIPLES (SENIOR ENLISTED) REGION	2w	VAR	
ECL:	70			**EIMET:**	No	

This course is designed to prepare senior enlisted to better fulfill their expanded leadership and management responsibilities and to strengthen the senior enlisted commitment to professional excellence and mission accomplishment. Curriculum focuses on leadership competencies in accomplishing the mission, leading change, leading and working with people, and resource management. The course is presented in an open forum discussion and encourages the sharing of ideas and experiences, reasoning in problem solving and fosters self-confidence and team building concepts to strengthen and develop strong leaders.Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309322.

PRE-REQUISITE: Students should be senior enlisted

COURSE NOTES:

P279323	MTT-SFA	U	MTT LEADERSHIP PRINCIPLES (JUNIOR OFFICER) REGIONA	0.2w	VAR	
ECL:	70			**EIMET:**	No	

This course familiarizes students with the roles and responsibilities of Junior Officers and their education. They will be responsible for the planning and execution of division level functions including the professional and personal growth of personnel within that division. Course contents will be tailored to meet requesting country's requests and capabilities. Course includes discussions surrounding what makes a good leader and how to motivate personnel. Regional participation in METs allows for several countries to take advantage of a MET that is being hosted by another country. This allows the participating countries to be exposed to SFA's programs, and allows participants to take part with their peers from other countries in a MET of mutual interest.This MASL is for use when individual students are sent to another country to participate in a SFA Regional event. The Host Nation event will be programmed under MASL P309323.

PRE-REQUISITE: Students should be junior officers.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279325	MTT APS REG	U	MTT BOAT OPS LVL I - SM BOAT COXSWAIN/NAV REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT Boat Ops Lvl I - Small Boat Coxswain/Nav RegionalThis course familiarizes students with procedures to be followed for the safe and effective operation of small boats (less than 15 meters in length). Course contents will be tailored to meet partner country's requests and capabilities. Course topics include basic coxswain skills, navigation, towing, deck seamanship, marline spike seamanship, fire fighting, and engineering casualty control.Class Size: Maximum: 20 Students / 4 boatsMinimum: 10 Students / 2 boatsRequirements: -Classroom with desks and chairs of sufficient size suitable for inst-Training area of sufficient size to practice navigation-One operational boat for every five students-Fenders for the boats-Life jackets for each student-Pier facility for the boatsETC will provide:-One three-strand manila line-Double braided synthetic line-Training materials-Life jackets for instructorsHost Nation Participants will be programmed under P309325.

PRE-REQUISITE: Students should be designated for coxswain billets

COURSE NOTES:

P279330	MTT APS REG	U	MTT APS MDA INTERAGENCY OJT & MENTORING REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Interagency On-the-job Training and MentoringTrainer: US Naval Control and Guidance of Shipping (NCAGS)Students: Navy and agencies that have a responsibility for national maritime surveillance (marine police, Fisheries, marine parks).Description: This course introduces students to the concept of MDA in the host nation environment. It will be tailored to fit the national environment, level of development and equipment types. The course topics include: introduction to MDA, basic computing, MDA software systems (TV32, MPM300, MSSIS), open source MDA sites, ship reccognition, using AIS web sites, maritime surveillance, radar operation, AIS systems, radio communication and system maintenance. The class will include visits to other operations centers (fisheries, port authority, maritime rescue center) to understand the capabilities and contributions of other agencies to national maritime surveillance. Students will be expected to present a brief to their commanding officer on an MDA topic important to their organization.Host Nation Participants will be programmed under P309330.

PRE-REQUISITE:

COURSE NOTES:

P279331	MTT APS REG	U	MTT APS FISHERIES ENFORCEMENT REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Fisheries EnforcementTrainer: European partner and/or International Monitoring, Control and Surveillance Network (IMCS) LNGOStudents: Navy and agencies that have a responsibility for fisheries protection (marine police, Fisheries, marine parks, NGOs). Description: This course will emphasize the economic importance of stopping illegal, unregulated and inlicensed fishing in the national and international context. One of the main aims is to build professional relationships between the agencies that repsond to and prosecute IUU fisheries crimes. Interagency learners will recieve training from host nation experts on fisheries laws, evidence collection, and prosecution of fisheries crimes. Students will then work with fishing trawlers to practice figheries boarding. They will also practice inspecting vessels using checklists based on local law: net sizes, gear, log books, catch species, protected marine mammals etc. Students then work with the operations center to plan a fisheries enforcement mission and execute that mission utilizing host nation vessels under host nation authorities.Host Nation Participants will be programmed under P309331.

PRE-REQUISITE:

COURSE NOTES:

P279332	MTT APS REG	U	MTT APS FISHERIES MANAGEMENT REGIONAL	0.4w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Fisheries Management Trainer: NOAA Students: Navy and agencies that have a responsibility for fisheries protection (marine police, Fisheries, marine parks, NGOs).Description: Students will recieve training from international fisheries experts on the management of fish stocks, treaties on protected mammals, methods of ensuring sustainable fisheries, fisheries observer programs, unsustainable fishing practices (small net sizes, pair trawling, dynamite and cyanide fishing etc) and promoting sustainable fishing techniques and laws (rights based fishing, open and closed seasons for different species, management of trawler fleets etc). Host Nation Participants will be programmed under P309332.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279333	MTT APS REG	U	MTT APS ENVIRONMT'L MGT/POLLUTION CONTROL REGIONAL	0.6w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Environmental Management/Pollution Control Trainer: NAVSEAStudents: Navy and agencies that have a responsibility for environmental protection (marine parks, environmental protection agency).Description: This workshop will discuss common Navy environmental management techniques to improve safety and prevent pollution. Topics of the workshop will be tailored to the host nation and may include: oil spill prevention and abatement, waste management, hazardous material handling, potable water, ammunition storage, energy conservation techniques, recycling, fuel management, solar power, safe weapons handling and storage, water and air sampling and testing. Host Nation Participants will be programmed under P309333.

PRE-REQUISITE:

COURSE NOTES:

P279334	MTT APS REG	U	MTT APS MARITIME STAKEHOLDERS MEETING REGIONAL	0.2w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Maritime Stakeholders Meeting Regional Facilitator: NAVAF, Africa Center for Strategic StudiesStudents: Navy and other maritime stakeholders - Fisheries Dept, Port Authorities, Police, Merchant Marine, Justice Dept, Fisheries Cooperatives.Description: This is a one day seminar designed around a topic of maritime safety and security important to the host nation (maritime security, piracy, IUU fishing etc). The morning session will comprise a rounftable discussion in which a senior representative from each agency will outline the role of their organization and the ways that they contribute to national maritime security (personnel, sueveillance equipment, response capability - boats etc). The afternoon session will be devoted to a discussion on the best ways to improve maritime security cooperation between military and civilian agencies. The meetong will be led by a facilitator who is an expert in maritime security or the topic chosen (eg oil protection, IUU fishing etc). Host Nation Participants will be programmed under P309334.

PRE-REQUISITE:

COURSE NOTES:

P279335	MTT APS REG	U	MTT APS OPS CENTER MANAGEMENT REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Ops Center Management RegionalTrainer: Naval Control and Guidance of ShippingStudents: Navy and other maritime stakeholders that have a maritime surveillance function (police, fisheries, port authority) Description: National capacity building program that helps develop or improve operations center management through practical, on the job training. Outputs include standard operating procedures, watch bills, daily reports, command and control procedures, dissemination and briefing of information, use of fused data and equipment troubleshooting guides and long term maintenance plans. Host Nation Participants will be programmed under P309335.

PRE-REQUISITE:

COURSE NOTES:

P279336	MTT APS-REG	U	MTT APS SHIPBOARD METEOROLOGY REGIONAL	0.6w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership Station MTT-Maritime Domain Awareness Shipboard Meteorlogy Regional Trainer: NAVAFStudents: Navy junior officers or senior enlisted personnel with maritime weather responsibilitiesDescription: Introduction to marine weather in the tropical environment. Interpretation of weather charts. Introduction to weather based internet sites. Briefing weather reports to Commander and crew. Host Nation Participants will be programmed under P309336.

PRE-REQUISITE:

COURSE NOTES:

P279337	MTT APS-REG	U	MTT APS ADVAN MARINE METEOROLOGY WORKSHOP REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership Station MTT-Maritime Domain Awareness Advanced Marine Meteorology Workshop Regional Trainer: NAVAF/US UniversityStudents: Navy scientific officers and national weather forecastersDescription: Production of marine weather reports for Navies. Sources of marine weather information. The course will help countries to design and disseminate useful marine weather reports to Navies and other maritime agencies in a timely manner. Key topics include: reading terminal aerodome forecast reports, interpreting data from weather balloons (vertical environment), writing weather forecasts, interpreting weather model data (meteogram), understanding sea ststes, basic climatology. Host Nation Participants will be programmed under P309337.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279338	MTT APS-REG U		MTT APS EQUIPMENT MAINT WORKSHOP REGIONAL	0.4w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership Station MTT-Maritime Domain Awareness Equipment Maintenance Workshop Regional Trainer: NAVAF, Volpe, NAVAIR, SPAWAR, Contractors, Host Nation ops center managementStudents: Naval or other agency personnel responsible for operations center managementDescription: The aim of this workshop is to develop a long term plan for the maintenance and improvement of the Maritime Domain Awareness capability. This will include hardware, software, human factors, infrastructure and sytem administration. The workshop will be host nation led with US providing the technical experts to support host nation goals. The workshop will be focused on the equipment provided by the US, including hardware and software that supports radar, AIS and other equipment. The output should be a five year plan that covers the issues such as: infrastructure, standard maintenance, contractor support, system administration, upgrades to software and hardware, environmental and virus protection and accountability of hardware. Host Nation Participants will be programmed under P309338.

PRE-REQUISITE:

COURSE NOTES:

P279339	MTT APS-REG U		MTT APS MARITIME INTELL WORKSHOP (MIW) REGIONAL	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership Station MTT-Maritime Domain Awareness Maritime Intelligence Workshop (MIW) Regional Description: The Basic maritime intelligence workshop focuses on intel concepts and fundamentals: Op-Intel basics, watch floor operations, introductory analysis, and operational security. Host Nation Participants will be programmed under P309339.

PRE-REQUISITE:

COURSE NOTES:

P279340	MTT APS-REG U		MTT APS MARITIME INTELL&OPS FUSION CEN (MIOFC) REG	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Maritime Intelligence and Ops Fusion Center (MIOFC) Workshop RegionalDescription: Designed to prepare analysts, boarding teams and maritime security specialists to utilize operational and actionable intelligence reporting, learn gathering and exploitation techniques for maritime security operations.Hpst Nation Participants will be programmed under P309340.

PRE-REQUISITE:

COURSE NOTES:

P279341	MTT APS-REG U		MTT APS MARITIME INTELL COUNTER TRAFKNG (MICT) REG	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership Station MTT-Maritime Domain Awareness Advanced Marine Intelligence Counter Trafficking (MICT) Workshop Regional Description: Basic illicit trafficking fundamentals designed to maximize the effectiveness of operational and actionable intelligence reporting, gathering and exploitation for maritime security operations. Regional Country Participants will be programmed under P309341.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279346	MTT PCP REG U		MTT REGIONL HEALTH EMERG IN LRG POPULATIONS (HELP)	2w	VAR	
ECL:	80			**EIMET:**	No	

MTT REGIONAL HEALTH EMERGENCIES IN LARGE POPULATIONS (HELP) The Center of Excellence in Disaster Management and Humanitarian Assistance (COE) offers an International Military Education and Training (IMET) workshop course entitled Health Emergencies in Large Populations (HELP) exportable on demand to all Security Assistance (SA) eligible countries. All course offerings can be resourced with IMET funds, or host nation funds (on and FMS case) and will be open to enrollment by other SA eligible countries to enhance the multinational flavor of the course. The Center for Excellence in Disaster Management and Humanitarian Assistance in collaboration with the International Committee of the Red Cross and academic partnership with the University of Hawai'i at Man≤a's Office of Public Health Studies, offers the Health Emergencies in Large Populations as an introductory course designed to provide military service members and eligible civilians with a foundation of information regarding the role of health and public health in complex humanitarian emergencies in the international arena. Graduates of this course will be better prepared to accomplish humanitarian assistance missions, equipped with the tools and decision-making skills needed to achieve the desired outcomes of their commands and enable them to plan coherent, appropriate relief actions within their theaters of operations.COURSE OBJECTIVESThe key objectives of the course are to provide instruction and technical assistance to: 1) Select methods for assessing specific emergency situations in the field;2) Identify the key players, as well as their roles and objectives, in complex humanitarian emergencies and natural disasters;3) Apply components of health systems strengthening to complex emergencies and natural disasters, assessing the coordination and interplay among all organizations, people and actions whose primary intent is to promote, restore and maintain health;4) Discuss the definitions and unique issues in coordination, public health, security, humanitarian law, human rights, and logistics necessary to support humanitarian operations in response to complex emergencies and natural disasters.The two- week (80 hour) program emphasizes an understanding of the major participants, lessons learned from previous complex humanitarian emergencies, key public health issues, health services in complex humanitarian emergencies, application of health systems strengthening components to complex emergencies; concerns of refugees and internally displaced persons, international humanitarian law, human rights, security issues, civil-military operations, and measures of effectiveness as the primary topics.COE's instruction will be consistent with graduate-level professional programs and is paired with the option for participants to receive graduate-level credits, accredited through the University of Hawaii at Manoa's Office of Public Health Studies (at additional cost). The course is designed to be an intensive, focused-learning experience. Once students complete this course, they will be familiar with UN, regional, multi-national, and humanitarian interagency coordination, public health, health systems strengthening, security and logistics. This course is designed for rising, mid-level professionals and leaders working within organizations that plan and execute peacekeeping, civilian health emergency and disaster relief operations, or develops and implements such policy, or conduct educational/training programs in support of these operations.At the end of this course, the students will be better prepared for participation in responses to complex emergencies and natural disasters in a multi-national coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements.FACULTY TEAMS COE culminates global experts in the various disciplines and areas necessary to respond to complex emergencies and natural disasters. COE faculty teams consist of proven military and civilian subject-matter experts.TRANSLATION The course is normally taught in English. An English Comprehension Level (ECL) of 80 is required by participants. COST The cost of the course per student is based on several factors including total enrollment, location, venue and cost of translation services, if requested. Course costs do not include participant travel and per diem expenses. These must be programmed separately by host nations and SCOs.

PRE-REQUISITE:

COURSE NOTES: At this point, the HELP MTT is only available to countries in the Asia Pacific. Other countries may access this training via MASL P175018, which is offered as a multilateral civ-mil offering in coordination with the University of Hawaii at Manoa, Honolulu, HI, O/A July each year.

P279349	CG-7	U	MTT REGIONAL ADVANCE PORT SECURITY/VULNERABILITY	1w	VAR	
ECL:	70			**EIMET:**	No	

This course is designed for Mid-Level Managers. The course content is identical to the Port Physical Security/Port Vulnerability Assessment (P319106) course. However, students receive additional instruction in Waterways Management Tools and Risk Management. There is a third tabletop exercise that involves developing a physical security plan within a port area assessed during the physical security survey or port vulnerability assessment exercises.

PRE-REQUISITE:

COURSE NOTES:

P279350	CG-4	U	MTT REGIONAL PORT SECURITY	1w	VAR	
ECL:	70			**EIMET:**	No	

Students will travel to an OCONUS host country to take this training conducted by a Coast Guard Military Training Team. This training provides students with the tools to promote port security, deter theft, and improve counter-narcotics interdictions. Students are introduced to various port physical security measures and tactics, as well as security surveys and port vulnerability assessments. Classroom instruction is reinforced through two practical exercises. Students complete a physical security survey and a port vulnerability assessment of their port. STUDENTS MUST CURRENTLY BE SERVING IN A PORT SAFETY/PORT SECURITY CAPACITY. Topics include: Access Control - Barrier Systems - Intrusion Detection Systems - Security Lighting Systems - Locking Systems - Security Surveys - Port Vulnerability Assessments

PRE-REQUISITE:

COURSE NOTES: For programming International Students to attend P319106 in host country when International Students are from a country other than the host country.

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P279410	MTT APS REG	U	MTT AFRICAN PARTNERSHIP STATION (APS) REGIONAL	0w	VAR	
ECL:				**EIMET:**	No	

Host Nation Participants will be programmed under P309410

PRE-REQUISITE:

COURSE NOTES:

P301103		U	MTT AVIATION-NETC	1w	VAR	
ECL:				**EIMET:**	No	

MTT AVIATION-CNET

PRE-REQUISITE:

COURSE NOTES:

P301126	CIVCONTR	U	MTT CONTR NAVIGATION - PNA	1w	VAR	
ECL:				**EIMET:**	No	

Contractor provided MTT for navigation training.

PRE-REQUISITE:

COURSE NOTES:

P301127	CIVCONTR	U	MTT CONTR TACT COORD - PNA	1w	VAR	
ECL:				**EIMET:**	No	

Contractor provided MTT for tactical coordination operations.

PRE-REQUISITE:

COURSE NOTES:

P301128	CIVCONTR	U	MTT CONTR FLT ORD - PNA	1w	VAR	
ECL:				**EIMET:**	No	

Contractor provided MTT for aviation ordnance training.

PRE-REQUISITE:

COURSE NOTES:

P302000		U	MTT SHIP TRANSF-LANT	1w	VAR	
ECL:				**EIMET:**	No	

MTT SHIP TRANSF-LANT

PRE-REQUISITE:

COURSE NOTES:

P302003		U	MTT SHIP TRANSF-PAC	1w	VAR	
ECL:				**EIMET:**	No	

MTT SHIP TRANSF-PAC

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P302005		U	MTT OPERATIONS-LANT	1w	VAR	
ECL:	EC			**EIMET:**	No	

MTT OPERATIONS-LANT

PRE-REQUISITE:

COURSE NOTES:

P302305		U	MTT DIA	1w	VAR	
ECL:	70			**EIMET:**	No	

Course Description:

PRE-REQUISITE:

COURSE NOTES:

P302306	MTT NCP	U	MTT ANTITERR/FORCE PROTECT	1w	VAR	
ECL:				**EIMET:**	No	

To include: Intro to Terrorism, Terrorist Operations, Detecting Terrorist Surveillance, Individual Protective Measures, Threat Assessment/Threat Levels (AOR Specific), Operationalizing AT Program/Standards, Weapons of Mass Destruction, Use of Force, Naval Force Protection, Threat Types & Tactics, Waterside Defense, Pier Security, Bomb Search Procedures, Patrol Boat Tactics, COAT, COAT Exercise, IDS/Lighting/CCTV, Barriers, Patrol Management, Risk Management and FP Exercise/Review.

PRE-REQUISITE:

COURSE NOTES:

P304001		U	MTT SUPPLY-NAVSUPSYSCOM	1w	VAR	
ECL:				**EIMET:**	No	

Instructors from Naval Inventory Control Point (NAVICP) provide a Mobile Training Team to assist in setting up a supply center.

PRE-REQUISITE:

COURSE NOTES:

P304011		U	MTT EQUIPMENT OPS/MT-NETC	1w	VAR	
ECL:				**EIMET:**	No	

MTT EQUIPMENT OPS/MT-CNET

PRE-REQUISITE:

COURSE NOTES:

P304012		U	MTT MAINT - NAVAIR	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P304013	SPECIAL	U	MTT PUB 526 - NAVSUP	1w	VAR	
ECL:				**EIMET:**	No	

To provide supply personnel with information on the NAVSUP Publication 526 - FMS Customer Supply System Guide. This MTT can be designed to meet a one or two week training requirement, and is recommended for supply personnel who requisition material under Navy Cases.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P304014	SPECIAL	U	MTT SK & AV SUP - NAVSUP	1w	VAR	
ECL:				**EIMET:**	No	

To provide knowledge and skills necessary to perform the basic job tasks required by the Storekeeper rating. Areas covered will include the Navy Supply System, customer service, Navy correspondence, material identification and procurement, basic OPTAR accounting, material receipt, stowage and inventory control utilizing the Integrated Barcode System (IBS), supply forms, basic supply acronym and Military Standard Requisitioning and Issue Procedures.

PRE-REQUISITE:

COURSE NOTES:

P304026		U	MTT HP WELDING/NDT	1w	VAR	
ECL:	70			**EIMET:**	No	

To provide training in hull welding and non-destructive testing of metals.

PRE-REQUISITE:

COURSE NOTES:

P304027		U	MTT BW/FW/BOILER INSP	0w	VAR	
ECL:	70			**EIMET:**	No	

To provide training in Boiler Water/Feed Water Inspection.

PRE-REQUISITE:

COURSE NOTES:

P304028		U	MTT MILSTRIP/MILSTRAP	1w	VAR	
ECL:				**EIMET:**	No	

To provide logistics personnel a formal course on Military Standard Requisition and Issue Procedures (MILSTRIP) and Military Standard Reporting and Accounting Procedures (MILSTRAP) designed for FMS customers. Course covers, but is not limited to: Submission of requisitions, follow-ups, modifications, and cancellations for transmission to DAASC; practical exercises with use of DAMES/STARR-PC systems; transmission of MILSTRIP transactions; and interpretation of supply and shipment status and other MILSTRIP data in order to effectively track and manage requisitions.

PRE-REQUISITE:

COURSE NOTES:

P305001		U	MTT PERSONNEL-CNET	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P305002		U	MTT ADMINISTRATION-NETC	1w	VAR	
ECL:				**EIMET:**	No	

To train students in the - country via a Mobile Training Team. For example: safety.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P305025	CG-29	U	MTT LEADERSHIP & MGMT	1w	VAR	
ECL:				**EIMET:**	No	

This course builds leadership knowledge, abilities, skills and attitudes of junior officers and enlisted petty officers. Participants are introduced to management strategies and tools to assist in effectively achieving the mission. Emphasis is placed on understanding personal strengths and weaknesses with leadership and matching leadership styles with follower characteristics. The curriculum creates group interaction through class discussion, role playing and experimental learning. Topics include self awareness, motivation, conflict management, performance appraisal and problem solving. Sample Syllabus is on Page VI-52.After completing this training, the IMS will be able to: Identify strengths and weaknesses of personal leadership style using the leadership definition, power bases and mind sets Practice the basic communication process and the art of listening using motivational models to influence workplace performance Evaluate a leader's effectiveness and success of meeting the needs of a follower; assess whether a good leader and follower relationship was established Develop member/employee performance using the Planning, Coaching and Reviewing (PCR) cycle to establish a work climate conducive to performance appraisals in an organization Conduct an effective performance counseling session when given a supervisory role using the Performance Problem Solving - Interact Model Employ resolution principles to resolve dilemmas in workplace performance Class Size: Maximum: 28 students Minimum: 10 students Instructors: 3Materials: The host nation needs to provide the following: o Classroom with desks and chairs of sufficient size for instructing Chalk board or Magna-Slick board Target Audience: Highly recommend identifying rank of participants when requesting this course. This course can be adjusted to target any rank and/or rate personnel.

PRE-REQUISITE:

COURSE NOTES:

P308001		U	MTT MISSILES	1w	VAR	
ECL:				**EIMET:**	No	

Tailored missile training provided at the requesting country s site by a mobile training team.

PRE-REQUISITE:

COURSE NOTES:

P308003	SPECIAL	U	MTT MISSILE (NAVSEA)	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P308005	MTT WCL	U	MTT AIM-9M SIDEWINDER	1w	VAR	
ECL:				**EIMET:**	No	

Provides AIM-9M Sidwinder Missile training including the following elements: 1. Theory of Operation 2. Missile Safety 3. Missile Maintenance Manual Familiarization 4. Missile and Component Inspection 5. Missile and Component Maintenance 6. Missile Assembly/Disassembly Resident course is P196015 - NAWC China Lake

PRE-REQUISITE:

COURSE NOTES:

P308006	MTT MUG	U	MTT AIM-7	1w	VAR	
ECL:				**EIMET:**	No	

MTT includes AIM-7 Missile Handling Maintenance and AUR/GCS Testing. (Consists of training from resident courses P196007 and P196008).

PRE-REQUISITE:

COURSE NOTES:

P309000		U	MTT TRAINING AIDS-NETC	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309001		U	MTT TRAINING SURVEY-PCT	1w	VAR	
ECL:				**EIMET:**	No	

To provide a CNET survey team to go in-country to assist the Security Assistance Officer in defining the mission, duration, composition, and equipment or support requirements for a future Mobile Training Team.

PRE-REQUISITE:

COURSE NOTES:

P309007		U	MTT TRAINING SURVEY-LANT	1w	VAR	
ECL:	EC			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309008		U	MTT TRAINING SURVEY	1w	VAR	
ECL:	EC			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309013		U	MTT TRAINING AIDS-USMC	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309014		U	MTT TRAINING MARSOC	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309022		U	MTT TRAINING SURVEY-USMC	1w	VAR	
ECL:				**EIMET:**	No	

MTT TRAINING SURVEY-USMC

PRE-REQUISITE:

COURSE NOTES:

P309025		U	MTT TRAINING MGMT REVIEW	1w	VAR	
ECL:	70			**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309027	MTT PNO	U	MTT NAVOCEANO	1w	VAR	
ECL:	EC			**EIMET:**	No	

This MTT provides tailored formal and on-the-job training in NAVOCEANO core competencies to DoD, DoN and DoS targeted countries while simultaneously collecting Marine Geospatial and Oceanographic (MGO) information in the territorial waters of the host nation. NAVOCEANO MTTs will provide DoD, DoS, and DoN an uncommon concept and strategy to accomplish the goals outlined in the National Security Strategy, National Military Strategy and Quadrennial Report.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309028		U	MTT INSTRUCTOR - NETC	1w	VAR	
ECL:				**EIMET:**	No	

This course of instruction is provided as a Mobile Training Team by the Maritime Law Institute to further understanding of and commitment to International standards pertaining to Maritime Activities.

PRE-REQUISITE:

COURSE NOTES:

P309029		U	MTT TRAINING MGMT-GENERAL	1w	VAR	
ECL:				**EIMET:**	No	

MTT TRAINING MGMT-GENERAL

PRE-REQUISITE:

COURSE NOTES:

P309034		U	MTT OTHER	1w	VAR	
ECL:				**EIMET:**	No	

MTT OTHER

PRE-REQUISITE:

COURSE NOTES:

P309040	MTT	U	MTT NTWK CENTRIC WARFARE	1w	VAR	
ECL:				**EIMET:**	No	

MTT NETWORK CENTRIC WARFARE (CENTRIXS) conducted by Tactical Training Group Pacific (TTGP) Provide an overall picture of the implementation of Network Centric Warfare (utilizing CENTRIXS as the primary collaborative tool) in the U.S. Navy, and allow us a forum for discussing and developing Tactics, Techniques and Procedures for Coalition Collaboration that can be implemented during the next PC-FST. Day One: Introduction to NCW Carrier Strike Group C4I Capabilities Overview of Network Centric Tools -CaS -KWEB -CommandNet Log -Chat -CENTRIXS -Persistent Chat (An overview and the Best Practices for using these tools) Day Two -Hands on Content Provider training for CENTRIXS --Creating accounts --How to manipulate website --How to build KWEB Pages --Building Stoplight charts --Updating Stoplight charts --Building and utilizing CommandNet Log --Persistent Chat Day Three and Four: Knowledge Management (The application of KM into the Network Centric Operating environment of a Carrier Strike Group) -Intro to Knowledge Management -Development/Integration of a KM strategy -KM Practical Application --Organizational Assessment --Information Mapping Process (A Battle Rhythm tool for aligning information and operational Battle Rhythms) --Knowledge Management Working Groups (A process for developing solutions to "broken" processes, or developing needed processes) --Learning Before During and After -Implementing a KM Strategy in an Operational Environment

PRE-REQUISITE:

COURSE NOTES:

P309041	MET CMR-CT	U	MET CIV-MIL RESP TO TERR CONSEQUENCE MGMT	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Counter Terrorism Fellowship Program (CTFP) and Expanded International Military Education and Training (IMET) program entitled "Civil- Military Responses to Terrorism: Consequence Management" exportable on demand to all IMET and CTFP recipient countries. The intended audience is mid-to senior level civilian officials (typically from Ministries of Defense, Interior, Justice, or Foreign Affairs) and military officers (O-5/O-6). This program is not about how the United States fights terrorism; rather it is designed to assist participating officials make better decisions about how their own governments fight terrorism. The key objectives of the course are to provide instruction, discussion, case studies, and tabletop exercise to:1) Understand how to integrate 'Consequence Management' into a government's overall combating terrorism strategy2) Understand that when terrorist attacks can not be avoided, governments must effectively anticipate and mange the consequences of those attacks3) Understand the benefits of an 'all-hazards approach' to not only terrorist attacks, but also natural and man made disasters4) Working groups will be given a tabletop exercise in managing the consequences of a terrorist attack or a natural disaster This course can be taught to either single country or regional audiences of between 30 to 45 participants. CCMR tailors each of its programs to the specific conditions, constraints, and requirements of the selected audience. This program is five days long and is focused on the strategic level. Included in the seminar, which relies heavily on discussion, is a tabletop exercise on strategy development, several case studies that extract the lessons learned and best practices of selected governments, and individual country presentations from the participants. Faculty Teams CCMR task-organizes each team to meet the specific requirements of individual courses. As a general rule, faculty teams consist of three world-class subject matter experts drawn from academic, military, or private sector backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309042	MET CMR-CT	U	MET CIV-MIL RESP TO TERR CNTR IDEO SUPP OF TERR	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Counter Terrorism Fellowship Program (CTFP) and Expanded International Military Education and Training (IMET) program entitled "Civil- Military Responses to Terrorism: Countering Ideological Support of Terrorism (CIST)" exportable on demand to all CTFP and IMET recipient countries. The intended audience is mid-to senior level civilian officials (typically from Ministries of Defense, Interior, Justice, or Foreign Affairs) and military officers (O-5/O-6). This program is not about how the United States fights terrorism; rather it is designed to assist participating officials make better decisions about how their own governments fight terrorism. The key objectives of the course are to provide instruction, discussion, case studies, and classroom exercise to:1) Understand terrorist motivation2) Understand what recourses are available to governments to inoculate societies against the appeal of terrorism as a means of political dissent3) Understand how to challenge terrorists that invoke an ideology (especially a religious inspired ideology) to legitimize violence in carrying out an attack4) Working groups will be tasked with developing plans of action that target the key center of gravity that underpins terrorist effectiveness This course can be taught to either single country or regional audiences of between 30 to 45 participants. CCMR tailors each of its programs to the specific conditions, constraints, and requirements of the selected audience. This program is five days long and is focused on the strategic level. Included in the seminar, which relies heavily on discussion, is a tabletop exercise on strategy development, several case studies that extract the lessons learned and best practices of selected governments, and individual country presentations from the participants. Faculty Teams CCMR task-organizes each team to meet the specific requirements of individual courses. As a general rule, faculty teams consist of three world-class subject matter experts drawn from academic, military, or private sector backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.

PRE-REQUISITE:

COURSE NOTES:

P309043	MET CMR-CT	U	MET CIV-MIL RESP TO TERR INTEL & COMBAT TERR	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Counter Terrorism Fellowship Program (CTFP) and Expanded International Military Education and Training (IMET) program entitled "Civil- Military Responses to Terrorism: Intelligence and Combating Terrorism" exportable on demand to all IMET and CTFP recipient countries. The intended audience is mid-to senior level civilian officials (typically from Ministries of Defense, Interior, Justice, or Foreign Affairs) and military officers (O-5/O-6). This program is not about how the United States fights terrorism; rather it is designed to assist participating officials make better decisions about how their own governments fight terrorism. The key objectives of the course are to provide instruction, discussion, case studies, and classroom exercises to:1) Understand the intelligence process as it pertains to combating terrorism2) Understand intelligence as the foundation of strategy3) Understand the structure of intelligence organizations, and how they might be reformed4) Most importantly, understand how intelligence can be shared across organizations and among regional partners This course can be taught to either single country or regional audiences of between 30 to 45 participants. CCMR tailors each of its programs to the specific conditions, constraints, and requirements of the selected audience. This program is five days long and is focused on the strategic level. Included in the seminar, which relies heavily on discussion, is a tabletop exercise on strategy development, several case studies that extract the lessons learned and best practices of selected governments, and individual country presentations from the participants. Faculty Teams CCMR task-organizes each team to meet the specific requirements of individual courses. As a general rule, faculty teams consist of three world-class subject matter experts drawn, from academic, military, or private sector backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.

PRE-REQUISITE:

COURSE NOTES:

P309044	MET CMR-CT	U	MET CIV-MIL RESP TO TERR MARITIME SECURITY	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Counter Terrorism Fellowship Program (CTFP) and Expanded International Military Education and Training (IMET) program entitled "Civil- Military Responses to Terrorism: Maritime Security" exportable on demand to all IMET and CTFP recipient countries. The intended audience is mid-to senior level civilian officials (typically from Ministries of Defense, Interior, Justice, or Foreign Affairs) and military officers (O-5/O-6). This program is not about how the United States fights terrorism; rather it is designed to assist participating officials make better decisions about how their own governments fight terrorism. The key objectives of the course are to provide instruction, discussion, case studies, and classroom exercises (if desired) to:1) Thoroughly understand port security challenges2) Delineate between terrorism and piracy 3) Understand the unique vulnerabilities of the maritime domain4) Integrate maritime threats into Counter Terrorism strategy development This course can be taught to either single country or regional audiences of between 30 to 45 participants. CCMR tailors each of its programs to the specific conditions, constraints, and requirements of the selected audience. This program is five days long and is focused on the strategic level. Included in the seminar, which relies heavily on discussion, is a tabletop exercise on strategy development, several case studies that extract the lessons learned and best practices of selected governments, and individual country presentations from the participants. Faculty Teams CCMR task-organizes each team to meet the specific requirements of individual courses. As a general rule, faculty teams consist of three world-class subject matter experts drawn, from civilian, academic, or military backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309045	MET CMR	U	MET INTERNATIONAL DEFENSE TRANSFORMATION	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a one-week seminar entitled "International Defense Transformation" for nations that have already confronted the issues of Defense Restructuring and are interested in the United States and NATO processes for Concept Development and Experimentation. Participants explore transformational principles for maintaining competitive military advantage in the 21st Century. This offering prepares decision-makers to effectively design and implement plans for transforming their military to respond to principal threats, utilizing a capabilities-based defense planning methodology. The key objectives of the seminar are to familiarize participants with: -Capabilities-Based Planning for the Future Security Environment-Network-Enabled Capability and Effects-Based Approach to Operations-Transformation Elements: Technology, Organizations, Processes, Personnel -Concept Development and Experimentation The participants will learn how to develop affordable, feasible, and interoperable capabilities that contribute to national defense requirements and collective security commitments. The seminar introduces revolutionary initiatives to improve command and control, fires, maneuver and logistics in coalition operations across the spectrum of conflict through concept development, technology demonstrations, and field experiments. Participants develop the practical knowledge and skills needed to pursue national transformation objectives within the broader context of strategic defense and security policies. The delivery format combines informational presentations and case studies with scenario-based practical exercises and distributed learning modules in aspects of defense transformation. This event is delivered in partnership with Office of the Undersecretary of Defense for Policy, Forces Transformation Directorate (OFT), Headquarters Supreme Allied Command Transformation (HQ SACT) and the Commander, Joint Forces Command (JFCOM) Joint Experimentation Directorate. Participants: The seminar is designed for international mid to senior military officers in the ranks of major to brigadier general and civilian equivalents from the Ministry of Defense, who are responsible for security and defense policy, strategic planning, programming and execution. Faculty Teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, CCMR faculty teams for this very diverse program are quite large (twelve to fourteen individuals) consisting of proven subject-matter experts, who are drawn from around the world. Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the local language. Contact Information: For enrollment or detailed course information, please visit the Center for Civil-Military Relations website at http://www.ccmr.org/public/spd.cfm/spi/idt.

PRE-REQUISITE:

COURSE NOTES:

P309049	MTT NSE	U	MTT FM DIESEL ENGINES	1w	VAR	
ECL:				**EIMET:**	No	

Mobile Training Team (MTT) to provide training in the overhaul and maintenance of diesel engines.

PRE-REQUISITE:

COURSE NOTES:

P309050	MET PDI	U	MET DIILS ASSESS OF ISSUES	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

The Assessment of Issues is an initial determination of needs that a host nation has which DIILS can address. If there has been a significant gap since the last DIILS seminar, another Assessment of Issues may be in order before scheduling a follow-on seminar. This survey consists of a visit to the host nation, for approximately five days, by a team composed of two or three faculty members from the DIILS. The team explores issues and concerns facing the country in the administration and operation of its military forces. The DIILS team will visit members of the military, civilian government, and non-governmental organizations. The purposes are to learn about the country s institutions and experiences so that the introductory curriculum will be timely and relevant, and to acquaint all parties with the DIILS process and goals. The information gathered during this phase serves as a foundation for the development of all subsequent education programs that are offered by DIILS. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309061	MET PDI	U	MET DIILS SEMINARS	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

Seminars are customized for each MET based on prior Assessments, Curriculum Planning, and communication between DIILS and the SCO. Topics will vary depending on the unique needs of the host country. Examples of recent specialized programs include Domestic Operations, Interoperability and Status of Forces Agreements, Advanced Law of the Sea, Peace Operations, Regulation Drafting, and Legal Aspects of Military - Media Relations. Audiences may be military, civilian, or a combination depending on topic and the specific country. DIILS strives to establish a continuing relationship with each participating country by developing follow-on programs that may repeat presentations of the initial seminar or are new programs that focus on any military-related legal subjects. DIILS Country Program Managers will develop future programs in coordination with the embassy team and the host country. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309062	MET PDI	U	MET REGIONAL DIILS	1w	VAR	
ECL:				**EIMET:**	Yes	

This is a regional MET with the individual topic to be determined by discussion between DIILS and SCOs involved. As a way of furthering cooperation among nations, and of making the best use of available funds, a Regional MET is planned and hosted by one nation, with invited participation from other nations. The topic is a subject of concern to the nations involved in the seminar. The host nation is responsible for finding a suitable conference site and making arrangements for translators, refreshments, and necessary equipment. Additionally, the SCO may be asked to assist in obtaining suitable lodging for participants from other nations. Sending nations use MASL P273010 to program and send their individual students to the seminar. Sending nations are responsible for TLA for their students, and pay a pro rata share of the cost of the conference, along with the host nation. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309063	CT-MTT-PDI	U	MTT CT-LEGAL ASPECTS	1w	VAR	
ECL:				**EIMET:**	Yes	

Combating terrorism is a complicated matter involving the cooperative efforts of agencies within a country and the entire international community. This seminar discusses the many legal questions that arise out of this developing problem including International Law and Terrorism, International Agencies and Terrorism. Coalitions and Alliances Designed to Combat Terrorism, Use of Force, Rules of Engagement, Status of Forces Agreements, Investigation and Prosecution of Terrorists, and Interagency Cooperation. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309064	MET CMR	U	MET PPK DEPLOY:NEGOTIATION	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

"PREPARING FOR PEACEKEEPING DEPLOYMENTS: NEGOTIATING EFFECTIVE SUPPORT AGREEMENT WITH INTERNATIONAL ORGANIZATIONS " The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (EIMET) workshop course entitled "Preparing for Peacekeeping Deployments: Negotiation Effective Support Agreements with International Organizations," exportable on demand to all IMET recipient countries. This course is designed specifically for those countries that either participate in peacekeeping operations or plan to do so. The intended audience is mid- to senior civil, civilian defense and military officials involved in the decision-making process to prepare forces for peace operations in the ranks of major to Major General and civilian equivalents from the Ministry of Defense and the national defense headquarters. The key objectives of the course are to provide instruction in: (1) instruct recipient countries in how to ascertain logistic support requirements for deployed peacekeeping operations (2) ascertaining national responsibilities and liabilities, (3) present external logistic support options to support the force (3) instruct on how best to evaluate external support options to meet national requirements (4) present negotiating techniques to be used when drafting legal agreements with international organizations CCMR s approach to teaching Preparing for Peacekeeping Deployments: Negotiation Effective Support Agreements with International Organizations is to focus delivery wherever possible to the specific conditions and requirements of the recipient country and tactical unit. In keeping with CCMR s approach to delivering instruction, priority is placed on the educational component of the assistance, reinforced by its practical application in the form of producing draft procedures and arrangements, which can be employed following review by the recipient country. They can also serve as a status report on the logistic requirements of a recipient country s peacekeeping forces for the ODC. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with civilian and military officials in a collaborative group setting to develop relevant draft procedures/arrangements for implementation within the entire government establishment. In the development of draft procedures/arrangements, CCMR stresses the importance of: (1) the need for their integration with existing processes and systems, and (2) the concurrent development of implementation techniques. At the end of this course, the recipient country s civilian and military officials will be better organized and prepared to negotiate logistic support agreements with international organizations that can effectively and efficiently support national peacekeeping deployments within an international framework thereby relieving the U.S. and its allies of these responsibilities. Moreover, participants will understand how to adapt these techniques and procedures to meet changing operational requirements. Faculty teams CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, CCMR faculty teams are relatively small (two to three individuals) consisting of proven subject-matter experts, who are drawn from around the world. Translation The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309065	MET CMR	U	MET PPK DEPLOY: REVIEW IM	1w	VAR	
ECL:				**EIMET:**	Yes	

"PREPARING FOR PEACEKEEPING DEPLOYMENTS: REVIEWING INTER-MINISTRIAL PEACEKEEPING ROLES AND MISSIONS " The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) workshop course entitled "Preparing for Peacekeeping Deployments: Reviewing Inter-ministerial Peacekeeping Roles and Missions," exportable on demand to all IMET recipient countries. This course is designed specifically for those countries that that either participate in peacekeeping operations or plan to do so. The intended audience is mid- to senior civil, civilian defense and military officials involved in the decision-making process to prepare forces for peace operations in the ranks of major to Major General and civilian equivalents from all ministries with responsibilities in supporting peacekeeping deployments. The key objectives of the course of instruction are to provide instruction in: (1) review existing roles and missions of all ministries specifically related to supporting peacekeeping operations and identify shortcomings and divergent institutional understandings (2) examine existing planning and coordination procedures and arrangements between institutions (3) evaluate the effectiveness of these existing procedures and arrangements and make suggestions where they can be improved by using "best practices" and applicable case studies (4) consider the adoption of generic peacekeeping tasks applicable to relevant directorates within all ministries CCMR s approach to teaching Preparing for Peacekeeping Deployments: Reviewing Inter-ministerial Peacekeeping Roles and Missions is to focus delivery wherever possible to the specific conditions and requirements of the recipient country and tactical unit. In keeping with CCMR s approach to delivering instruction, priority is placed on the educational component of the assistance, reinforced by its practical application in the form of producing draft procedures and arrangements, which is provided to the country s defense leadership for action and the ODC/SCO as a status report. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with civilian and military officials in a collaborative group setting to develop relevant draft procedures and arrangements for implementation within the entire government establishment. In the development of draft procedures and arrangements, CCMR stresses the importance of: (1) the need for their integration with existing processes and systems, and (2) the concurrent development of implementation techniques. At the end of this course, the recipient country s civilian and military officials will be better organized and prepared to support national peacekeeping deployments within an international framework. Participant institutions will understand the importance of clarifying the roles and missions of each directorate and the value of early coordination in the preparation to a peacekeeping deployment. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, CCMR faculty teams are relatively small (two to three individuals) consisting of proven subject-matter experts, who are drawn from around the world. Translation The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309066	MET CMR	U	MET PPK DEPLOY: REVIEW MOD	1w	VAR	
ECL:	70			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) workshop course entitled "Preparing for Peacekeeping Deployments: Reviewing Ministry of Defense and Defense HQ s Peacekeeping Roles and Missions," exportable on demand to all IMET recipient countries. This course is designed specifically for those countries that either participate in peacekeeping operations or plan to do so. The intended audience is mid- to senior civilian defense and military officers in the ranks of major to Major General and civilian equivalents from the Ministry of Defense involved in the decision-making process to prepare forces to peace operations. The key objectives of the course of instruction are to provide instruction and technical assistance in: (1) review existing Ministry of Defense and Defense HQ roles and missions specifically related to supporting peacekeeping operations and identify shortcomings and divergent institutional understandings (2) examine existing planning and coordination procedures within these organizations and between them (3) evaluate the effectiveness of these existing procedures and arrangements and make suggestions where they can be improved by using "best practices" and applicable case studies (4) consider the adoption of generic peacekeeping tasks applicable to relevant directorates within the Ministry of Defense and Defense HQ CCMR s approach to teaching the Preparing for Peacekeeping Deployments: Reviewing Ministry of Defense and Defense HQ s peacekeeping Roles and Missions is to focus delivery wherever possible to the specific conditions and requirements of the recipient country and tactical unit. In keeping with CCMR s approach to delivering instruction and technical assistance projects, priority is placed on the educational component of the assistance, reinforced by its practical application in the form of producing draft procedures and arrangements, which is provided to the country s defense leadership for action and the ODC/SCO as a status report. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with civilian and military officials in a collaborative group setting to develop draft procedures and arrangements for implementation within the defense establishment. In the development of draft procedures and arrangements, CCMR stresses the importance of: (1) the need for their integration with existing processes and systems, and (2) the concurrent development of implementation techniques. At the end of this course, the recipient country s Ministry of Defense and Defense HQ will be better organized and prepared to support national peacekeeping deployments within an international framework. Participants will understand the importance of clarifying roles and missions of each directorate and the value of early coordination in the preparation to a peacekeeping deployment. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, CCMR faculty teams are relatively small (two to three individuals) consisting of proven subject-matter experts, who are drawn from around the world. Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309067	MET CMR	U	MET PPK DEPLOY: ADOPTING	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) workshop course entitled "Preparing for Peacekeeping Deployments: Adopting Task Lists and Standing Operating Procedures," exportable on demand to all IMET recipient countries. This course is designed specifically for countries that have, or are proposing to develop and furnish, dedicated peacekeeping tactical units. The intended audience is mid- to senior-civilian defense and military officers in the ranks of captain to Major General and civilian equivalents from the Ministry of Defense involved in the decision-making process to prepare forces to peace operations. The key objectives of the course are to provide instruction in: (1) review existing unit procedures and operating arrangements (2) the development of appropriate training objectives for peace operations training (3) introduce a generic tasks list of 202 tasks as recognized by the United Nations as constituting the most basic peacekeeping tactical tasks (4) evaluate the applicability of generic battalion tactical standing operating procedures for adoption by the unit (5) develop a generic mission-essential tasks list (METL) derived from national policy and objectives (6) conduct a thorough review of the unit s table of organization and equipment (TOE) to ascertain what equipment is requirement in order to meet the generic METL CCMR s approach to teaching the Preparing for Peacekeeping Deployments: Adopting Task Lists and Standing Operating Procedures is to focus delivery wherever possible to the specific conditions and requirements of the recipient country and tactical unit. In keeping with CCMR s approach to delivering instruction, priority is placed on the educational component of the assistance, reinforced by its practical application in the form of producing a draft procedures and arrangements, which is provided to the country s defense leadership for action and the ODC/SCO as a status report on the state of the recipient unit. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with military officers in a group setting to develop draft procedures and arrangements for implementation within the recipient unit. In the development of draft procedures and arrangements, CCMR stresses the importance of: (1) the need for their integration with existing processes and systems, and (2) the concurrent development of implementation techniques. At the end of this course, the recipient unit will be better prepared for peacekeeping deployments within the auspices of an international framework. Participating officers will understand the importance of a tactical tasks list and the value of formal standing operating procedures. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, CCMR faculty teams are relatively small (two to three individuals) consisting of proven subject-matter experts, who are drawn from around the world. Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309068	MET CMR	U	MET GPOI UN CMCOORD COURSE	1w	VAR	
ECL:				**EIMET:**	No	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (E-IMET) course entitled "United Nations Civil-Military Coordination (UNCMCOORD) Course," exportable on demand to all IMET recipient countries. The purpose of the course is to prepare and train civil-military liaison officers (CMLOs) in the rank of Captain - Lieutenant Colonel or the civilian equivalent for service in United Nations Multi-national Headquarters or within US contingents that conduct Peace Support Operations (PSO). The course will meet current standards of performance established by the United Nations and include best practices from training being conducted by other peacekeeping Nations. Specifically the training will address the most recent changes in the civil-military PSO environment, which will influence the staff officer assigned to a multi-national, coalition headquarters within the context of a United Nations, coalition of the willing or regional peace operation. Given the potential of varying skill levels of officers from various participating nations, the proposed CMCOORD Officer training program represents a master menu, which defines all aspects of possible CMLO training. This training can be tailored according to each nation's particular needs to provide a consistency of approach, with all nations achieving a common level of staff interoperability IAW United Nations' Standard Training Module (STM) Level 2 guidelines. The program will establish baseline skills necessary to operate within a UN, coalition or regional peacekeeping force headquarters. These staff skills constitute the foundation of a credible PKO response and the skills are critical to operational effectiveness. The key objectives of the course are to provide instruction and technical assistance to:(1) Introduce the UN / Coalition type of Mission system as a common basis for the performance of peace operations Civil-Military Liaison duties.(2) Co-operation and co-ordination within mission components, between the military staff and different civilian components and with parties involved in the conflict, with specific emphasis on those duties required of CMLOs.(3) Operational principles and procedures of UN and regional Peace Support Operations.(4) Knowledge of UN conflict control operations, especially: use of UN peacekeeping tactics and techniques, Use of force, Rules of Engagement (ROE), legal aspects of peace operations(5) Co-operation and co-ordination with UN Agencies, International Organizations and NGOs(6) Code of Conduct(7) Political, social, cultural, religious and other factors influencing operations in mission areas(8) Liaison, negotiation and mediation(9) Security Issues and force protection(10) Human Rights responsibilities Priority is placed on combining education and practical application in the form of theoretical presentations and small group staff exercises. Course procedural and implementation guidelines along with take-away references for independent national course development, are provided to the country's defense leadership, for further developing national CMLO education and training capacity, and to the ODC/SCO as a status report on the recipient country improved PSO capability. Course objectives are achieved through rigorous application of problem-solving techniques with emphasis on working with military officers and civilian counterparts in a group setting. At the end of this course, the recipient country will be better prepared to provide trained mid-career military officers and civilian officials for service as civil-military liaison officers. Participants will understand the relationship of national military training to the UN Standardized Training Modules 2-1 (UN Officer Common Training) and 2-6 (UN CMCoord). Moreover, the recipient nation's peacekeeping training staff will better understand how to adapt UN CMLO training programs to meet changing operational requirements. TRAINING AUDIENCE: Civilian and military personnel in the rank of Captain to Colonel or the civilian equivalent that will participate in peace support operations. Emphasis should be to personnel who will be conducting peace support operations training structures or a peacekeeping training center, then to staff officers. Faculty teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. CCMR faculty teams are relatively small consisting of proven military and civilian subject-matter experts drawn from around the world. This course is offered as a Resident course at CCMR under MASL P179023.Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language.

PRE-REQUISITE:

COURSE NOTES:

P309069	CT-MET-CMR	U	MET CT RESP TO TERRORISM	1w	VAR	
ECL:	80			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) conducts a one-week Regional Defense Counterterrorism Fellowship (RDCTF) course entitled "Civil-Military Responses to Terrorism" in select countries. The course is conducted by a Mobile Education Team (MET) using RDCTF funding instead of IMET. The key objectives of the course are to: (1) support international understanding of the politico-military components of combating international terrorism; and (2) enhance the capabilities of coalition partners to develop effective short- and long-term programs to combat terrorism that are consistent with democratic principles. The Civil-Military Responses to Terrorism course provides a thorough understanding of terrorism and its remedies. The program utilizes case studies and simulation exercises to provide participants with the insight needed by decision-makers and their advisors to design successful strategies to contain or defeat modern terrorism. All courses are custom-built for specific audiences. Curricula are shaped through an iterative process, using key personnel from CCMR, the Security Assistance office, and the host nation. The course is designed for mid-senior grade military officers and civilian officials from a single country with responsibilities for combating terrorism. Participation is determined by Security Assistance offices, working with their host nation counterparts. The course will be constructed to resonate with the particular audience selected. The program can be conducted in a variety of locations, from peacekeeping training centers to hotel conference rooms. The primary requirement is that there be a conference room large enough for an audience of 30-60 people. Two or three smaller rooms are often required for the working/simulation exercise groups (one group can meet in the main conference room). SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309070	MET CMR	U	MET CIV-MILITARY RELATIONS	1w	VAR	
ECL:				**EIMET:**	Yes	

The program is a five-day seminar on democratic defense decision-making in a wide variety of areas. The underlying theme of the course is the need for military officers and civilian officials to develop habits of cooperation within an interagency decision-making process. The importance of developing effective civilian control of military forces is emphasized in each iteration of this course. The course relies heavily on interaction among participants during classroom exercises. Because of this, Security Assistance Officers are asked to draw participation from the widest possible spectrum of military and civilian officials, from mid-career to senior positions. Each seminar is tailored to the stated needs of the host nation, and every curriculum is unique. Host nation officials and US Embassy country team members will be asked to help shape upcoming programs and to request new material for follow-on programs. Variations on the central theme under this MASL number can include (but are not limited to) National Security Strategy Development, Legislative Aspects of Defense Decision-Making, Civilian Control of Intelligence, The Public Image and Legitimacy of Armed Forces, Defense Education and Personnel Systems, Military Support to Civilian Authorities, Defense Downsizing, and Structuring Ministries of Defense. Follow-on seminar work, or workshops, can be scheduled for delivery in Monterey, California. CCMR s goal is to build the capacity of host nations to develop and sustain their own capability to present similar material in seminars and conferences independent of US assistance. For that reason, CCMR prefers follow-on programs be scheduled for two years (though this is not a firm requirement). Follow-on seminar work, or workshops, can be scheduled for delivery in Monterey under MASL P309098 ("Continuing Education"). SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309073	MET CMR	U	MET CIV-MIL REL PRE-SURVEY	1w	VAR	
ECL:				**EIMET:**	Yes	

Incases where CCMR has not conducted a program, or when the content for an upcoming CCMR must be shaped in person, SCOs might want to program a pre-course site survey (Phase I) several months in advance. This visit will normally be accomplished by one CCMR faculty member and will be financed from IMET money programmed under this MASL. It is during such surveys that embassy and host nation officials can participate in shaping future CCMR programs to the specific needs of their countries. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309077	MTT CMR	U	MTT PEACE SUP OPS PH I	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

In cases where CCMR has not conducted a EIPC program, or when the content for an upcoming course must be shaped in person, it is often advisable to conduct a Pre-Course Site Visit, or Phase I, commonly called a site survey or Phase I Assessment. During a Phase I visit, the MET Team Leader conducts an evaluation and curriculum development phase with the recipient country PSO education and training staff and representatives from the US country team, and will take approximately two to five days. The goal is to review the recipient country s existing national PSO training capabilities, brief the PSO core curriculum developed by CCMR and tailor it to the recipient country s training needs and desires. During the Phase I visit, CCMR usually visits the host country s peacekeeping training center and prospective the venues for identified EIPC Phase III METs. In addition, CCMR will meet with representatives of the U.S. country team as well as with appropriate host country military staff sections responsible for peacekeeping training policy. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309078	MTT CMR	U	MTT PEACE SUP OPS PH III	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

A series of one-week modules and courses covering the various topics of the PSO core curriculum will be delivered in conjunction with the Phase II host country graduation of their peacekeeping training center to the staff and faculty. Phase II I MET modules and courses will be tailored to the recipient countries needs as developed during Phases I and II. CCMR will coordinate with other DoD schools for delivery of their METs using EIPC standards. All METS will emphasize practical training exercises oriented toward a "train the trainer" format. EIPC education and training is oriented toward mid-to-senior level officers involved with institutional PSO education and training development and the practical exercises are aimed at battalion and higher staff levels. This meets the US policy goals of enhancing interoperability among peacekeeping partner sand promoting a common PSO doctrine. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309079	MET CMR	U	MET BORDER SECURITY	1w	VAR	
ECL:				**EIMET:**	Yes	

Key Objectives: (1) instruct recipient countries on the importance of clarifying and documenting national responsibilities and functions for all organizations involved in border security. (2) review and discuss such important concepts as transfer of authority, co-ordination of national defense and law enforcement(3) present best practices of border security issues case studies (4) demonstrate how intl cooperation and conventions can be used effectively in securing national borders (5) evaluate the role of intelligence in detecting, identifying and responding to suspicious activities and materials. Course designed specifically for those countries that face threats to their borders, internal or intl. Intended audience is mid to senior civil, civilian defense and military officials involved in decision-making process to respond to challenges to a nation s borders in the ranks of major to Major General and civ equivalents from MOD and Internal Affairs, and national defense hdqtrs. COURSE TAUGHT IN ENGLISH..WHERE NECESSARY SIMULTANEOUS INTERPRETATION TO THE TARGET LANGUAGE.

PRE-REQUISITE:

COURSE NOTES:

P309100		U	MTT NAVWARCOL	1w	VAR	
ECL:	EC			**EIMET:**	No	

MTT-PME

PRE-REQUISITE:

COURSE NOTES:

P309102	MET CMR	U	MET GPOI PROGRAM DESIGN & DEVELOPMENT VISIT	10w	VAR	
ECL:				**EIMET:**	Yes	

In cases where CCMR, in coordination with the appropriate Combatant Command (COCOM), has not conducted a GPOI program or event, or when the content for an upcoming course must be shaped in person, it is often advisable to conduct a Program Design and Development Visit (PDDV), also referred to as a GPOI Phase I Visit. During a PDDV or Phase I visit, the CCMR Team Leader, accompanied by COCOM representatives, conducts an evaluation and curriculum development phase with the recipient country PSO education and training staff and representatives from the US country team. A PDDV will normally last approximately five days. The goal is to review the recipient country's existing national PSO training capabilities, determine the direction of national PSO capacity building effort/plans, brief USG and recipient country's GPOI points of contact on the COCOM GPOI Implementation Plan and assist recommend an initial GPOI Country Plan, tailored to the country's training needs and desires. Location: During the PDDV, PDDV Team usually visits the host country's peacekeeping training center and prospective the venues for identified GPOI METs. In addition, the PDDV Team will meet with representatives of the U.S. country team as well as with appropriate host country military staff sections responsible for peacekeeping training policy. Interpretation and Translation: For complete accuracy interpretation may be necessary for some programs. The ODC/SCO will normally also be asked to arrange for translation services during the PDDV visit.

PRE-REQUISITE:

COURSE NOTES:

P309103	MET CMR	U	MET GPOI PEACE SUPPORT OPS		VAR	
ECL:				**EIMET:**	Yes	

GLOBAL PEACE OPERATIONS INITIATIVE (GPOI) PEACE SUPPORT OPERATIONS META series of modules and courses, based on current United Nations Guidelines for PSO Training, covering the various topics of the GPOI core level courses and specialized PSO core curriculum will be delivered, when applicable, in conjunction with trained host country subject matter instructors at national peacekeeping training center(s) to staff, faculty and selected military officers and civilians. MET modules and courses will be tailored to the recipient countries needs as developed during the GPOI Program Design and Development Visit. All METs will emphasize practical training exercises oriented toward a "train the trainer" format. GPOI education and training is oriented toward mid-to-senior level officers involved with institutional PSO education and training development, and the practical exercises are aimed at battalion and higher staff levels. This meets the US policy goals of enhancing interoperability among peacekeeping partners and promoting a common PSO doctrine. Interpretation and Translation: For complete accuracy, interpretation may be necessary for some programs. Simultaneous interpretation for the full group (plenary) sessions is preferable because it allows for far more material to be covered in a limited period. Consecutive interpretation is fine for the small discussion groups. The ODC/SCO will normally also be asked to arrange for translation of the packet of course materials, which CCMR will provide approximately one month prior to the seminar. Note: The Regional T-MASL used for students from other countries traveling to host country for this Team Training is P273013.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309104	MET ATM	U	MET PROJ MGMT: MANAGING COMPLEX DEFENSE PROJECTS	2w	VAR	
ECL:				**EIMET:**	Yes	

The key objectives of this course are to:1. Examine the fundamental concepts and framework for managing projects with an emphasis on technical, schedule and cost estimation, control and risk. 2. Provide course participants with an understanding of the models and frameworks for managing simple and complex projects. 3. Examine and apply the elements of project management in detail to engage students' understanding of various areas that are integral in successful project management.4. Assist project organizations in their efforts to develop and institutionalize efficient and effective problem solving and decision making techniques. The course is taught by resident faculty from the School of International Graduate Studies. Faculty lectures may be augmented by presentations from distinguished practitioners who are subject matter experts in various topics within the field of project management. The course provides a practical examination of project identification, control and management techniques to ensure successful project outcomes. Topics include project definition and scope, requirements, quality environment, organizational structures, risk management, cost and schedule control techniques, project teams and leadership. Course participants create a project plan based upon existing or pending project requirements. Participants: This course is designed for international military officers and civilian equivalents of grades 04-06 who participate in project teams or manage simple and complex projects.

PRE-REQUISITE:

COURSE NOTES:

P309112	MTT PEWP	U	MTT COALITION STAFF PLANNING (CSP)	1w	VAR	
ECL:				**EIMET:**	No	

THE COALITION STAFF PLANNING MOBILE TRAINING TEAM IS DESIGNED TO TRAIN FOREIGN NAVAL STAFFS IN STAFF PLANNING AND CONSEQUENCE BASED COMBAT DECISION MAKING DURING PRE-DEPLOYMENT WORKUPS OR PRIOR TO A MAJOR COALITION EXERCISE. THROUGH DEDICATED ON-SITE INSTRUCTION AND A SIMULATED BASED WARGAME, COURSE WILL PREPARE COALITION STAFF MEMBERS TO FUNCTION EFFECTIVELY AND EFFICIENTLY DURING THE PLANNING PHASE OF AMPHIBIOUS OPERATIONS. THE MTT WILL PROVIDE AN INTRODUCTION TO AMPHIBIOUS OPERATIONS, SHIP-TO-SHORE MOVEMENT, SUPPORTING ARMS, LANDING FORCE AND AMPHIBIOUS ORGANIZATION AND THEIR FUNCTIONS; TO INCLUDE, EXPEDITIONARY WARFARE MISSION PLANNING IN ORDER TO PLAN AND CONDUCT AN AMPHIBIOUS OPERATION. PROFICIENCY IS ACCOMPLISHED WITH A PRACTICAL EXERCISE, USING A "TABLE TOP" SCENARIO. THE SCENARIOS ARE BRIEFED FROM MISSION ANALYSIS THROUGH CONCEPT OF OPERATIONS.

PRE-REQUISITE:

COURSE NOTES:

P309113	MET POTD	U	MET IMELDA NEEDS ASSESSMENT	1w	VAR	
ECL:				**EIMET:**	No	

The International Maritime Enlisted Leadership and Development Assistance (IMELDA) Program Needs Assessment will help the U.S. education resources(s) to better understand the recipient nation's current needs and future growth potential. This could include Subject Matter Experts (SMEs) to assist countries in the transformation of their enlisted forces. The MET course content, student population, course duration, language and translation needs will be identified. Scope: The de-centralized/distributed nature of modern military operations requires strong emphasis on small unit level leadership for nations who are conducting counter-insurgencies, maritime law enforcement or policing regional/territorial waters with littoral navies. Many maritime forces of our partner nations have little to no formal enlisted leadership education nor organizational structure that promote full professional development of their naval enlisted members as managers and leaders, thus precluding enlisted personnel from maximizing their own innate leadership capabilities. Highly motivated, capable enlisted personnel may demonstrate a natural ability to be a leader, but the organization of their maritime force as well as the culture of their officers often prevents them from fully utilizing their inherent skills and abilities due to lack of opportunity. Most U.S. courses for international maritime enlisted personnel available to our partner nations are technical in nature, based upon the operation and maintenance of equipment and systems. Nevertheless, the desire to provide friends and allies with the necessary support to achieve this transformation of their enlisted personnel is a high priority for Combatant Commanders, as well as the Chief of Naval Operations and the Commandant of the U.S. Coast Guard. The need is for a training program that specifically addresses the leadership skills and professional development that is absent from the various U.S. technical courses. The IMELDA Needs Assessment will help the U.S. training resource(s) to better understand the recipient nation's current and future needs, and will help ensure that the planned training is properly focused. For countries who have made significant progress or those that feel they are still in the early stages of transitioning their enlisted personnel, Subject Matter Experts (SMEs) can be provided to address issues such as: legislative, legal, personnel and budgetary and organizational issues that could enhance the transformation of the maritime force. The information gathered through the Needs Assessment will contribute to team composition, tailored MET, or series of METs, and will also contribute to course development and improvement for both residential and exportable training activities.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309114	MET POTD	U	MET IMELDA	0w	VAR	
ECL:				**EIMET:**	No	

This Mobile Education Team is a component of the International Maritime Enlisted Leadership Development Assistance (IMELDA) Program. The METs will be designed to transform, support, and strengthen the leadership capabilities of International Petty Officers (E-4 to E-6 equivalent) and/or Chief Petty Officers/Warrant Officers (E-7 to E-9 equivalent). Depending upon the host nation's requirements and student population, the MET modules will include tailored support by Subject Matter Experts (SMEs) and/or those modules in the International Petty Officer Leadership (IPOL) and International Chief Petty Officer Leadership (ICPOL) Resident Courses. Scope: The de-centralized/distributed nature of modern military operations requires strong emphasis on small unit level leadership for nations who are conducting counter-insurgencies, maritime law enforcement or policing regional/territorial waters with littoral navies. Many maritime forces of our partner nations have little to no formal enlisted leadership education nor organizational structure that promotes full professional development of their naval enlisted members as managers and leaders, thus precluding enlisted personnel from maximizing their own innate leadership capabilities. Highly motivated, capable enlisted personnel may demonstrate a natural ability to be a leader, but the organization of their maritime force as well as the culture of their officers often prevents them from fully utilizing their inherent skills and abilities due to lack of opportunity. NITC is partnering with the Defense Institute for International Legal Studies, Center for Naval Leadership, U.S. Navy Senior Enlisted Academy, the Naval Expeditionary Combat Command, the U.S. Coast Guard, and others to implement the IMELDA METs. Most U.S. courses for international maritime enlisted personnel available to our partner nations are technical in nature, based upon the operation and maintenance of equipment and systems. Nevertheless, the desire to provide friends and allies with the necessary support to achieve this transformation of their enlisted personnel is a high priority for Combatant Commanders, as well as the Chief of Naval Operations and the Commandant of the U.S. Coast Guard. The need is for a training program that specifically addresses the leadership skills and professional development that is absent from the various U.S. technical courses. The IMELDA MET will be tailored for each country based on the requirements identified and agreed to by the host country during the initial IMELDA Needs Assessment. Depending upon the host nation's requirements and student population, the MET modules could include tailored support by Subject Matter Experts (SMEs) to assist countries in various legislative, legal, personnel and budget, force retention, benefits, organizational issues that could enhance the transformation of the maritime force's enlisted personnel into a more professional and capable corps of leaders. The METs supplement the IMELDA Resident Courses (International Petty Officer Leadership (IPOL) MASL P171038 and International Chief Petty Officer/Warrant Officer Leadership (ICPOL) MASL P171039) through supporting the hands-on leadership and professional skills of international Petty Officers/Chief Petty Officers/Warrant Officers in their own operational domain. The MET curriculum will include select modules in the IMELDA Resident Courses, such as train-the trainer, communications, team building, operational planning, and other topics that are specifically tailored to the host nation's requirements.

PRE-REQUISITE: Curriculum could be provided in Spanish, Arabic, French and Portuguese and MET members could teach in the host country using translators, upon request.

COURSE NOTES:

P309115	MTT CMR-CT	U	MTT PACRAT-CT	1w	VAR	
ECL:				**EIMET:**	No	

A one week Special Operations Command Pacific (SOCPAC) sponsored Pacific region MTT, prepared and taught in coordination with CCMR and JSOU staff, and approved for CTFP. Target audience is international Pacific region mid grade/field grade officers (O4 - O6), senior NCOs, and interagency equivalent positions.

PRE-REQUISITE:

COURSE NOTES:

P309116	MET CMR	U	MET LATAM STRATEGIC LEADERSHIP	1w	VAR	
ECL:				**EIMET:**	Yes	

Purpose of the MASL To provide the recipient Western Hemisphere nation with a five-day seminar on the major aspects of strategic leadership. The program is designed for military and civilian personnel who are engaged in, or will become engaged in leadership of large complex organizations within their government. Each seminar will be crafted to apply the basic concepts of strategic leadership to the security and defense challenges facing the recipient nation. The seminar is tailored to specific realities of each Western Hemisphere nation that are incredibly varied from one sub - region or nation to another. Outcomes Military and civilian leaders with enhanced understanding of the challenges and opportunities associated with strategic leadership, strategic planning, and strategic decision-making. Time frame This seminar is designed for five ⅃ days of seminar activity. If exercises or practicum are included in the program, some days will require additional participation. The schedule for this seminar is determined through coordination with the recipient nation, the MILGP/Embassy, and CCMR. Faculty Teams CCMR task-organizes each team to match the specific expertise requested by the ODC/SCO. As a general rule faculty teams consist of two or three world-class subject matter experts drawn from both civilian and military backgrounds. The CCMR teams have expertise in virtually all security and defense challenges, and opportunities, in the region including involvement in peacekeeping, humanitarian assistance & military support to civilian authorities, fighting organized crime and street gangs, and establishing government presence in "ungoverned areas". Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation. Cost Cost for this program will be determined by negotiation between the recipient nation, the U.S. Embassy (MILGP), and CCMR. Costs will include fees for the CCMR teams, their travel expenses to/from the recipient nation, and in country costs such as interpreting, meeting space, and other appropriate expenses.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309117	MET CMR	U	MET LATAM NATL SECUR STRAT DEV PRACTICUM	1w	VAR	
ECL:				**EIMET:**	Yes	

To provide the recipient Western Hemisphere nation with a program of instruction and mentoring which results in development of a national-level planning process and a national-level strategy for the employment of all elements of national power in support of national interests and government objectives. This program is developed for the highest levels of the recipient nation. Its success will be determined by the level of support and involvement by the nation's chief executive officer. Outcomes Development of an interagency structure and team to write a national-level strategy. Interagency structure and recipient-nation participation will be determined by the recipient nation in coordination with the CCMR faculty. A national-level strategy for the employment of all elements of national power in support of national interests and government objectives. This document will be written by recipient nation personnel, with assistance from CCMR faculty, and delivered in the recipient nation language Subordinate strategy development is feasible as part of follow-on MASLs. Time frame The first event is a site survey by CCMR personnel to determine how the practicum process needs to be adapted to enhance recipient nation and U.S. Embassy objectives. This instruction and mentoring process will nominally last for six-months. CCMR faculty will travel to and interact with host nation personnel for a one or two week periods three or four times during this time frame. The Practicum, as indeed all CCMR programs, are custom built to incorporate the specific challenges and opportunities of the government in facing its unique challenges and opportunities in the general areas of national security and defense. CCMR instructors are experts in virtually all of the areas which may include international peacekeeping, military support to civilian authorities, and fighting organized crime, drug trafficking, and street gangs. Faculty Teams CCMR task-organizes each team to match the specific expertise requested by the ODC/SCO. As a general rule faculty teams consist of two or three world-class subject matter experts drawn From both civilian and military backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation. Cost Cost for this program will be determined by negotiation between the recipient nation, the U.S. Embassy (MILGP), and CCMR. Costs will include fees for the CCMR teams, their travel to/from the recipient nation, and appropriate in county expenses.

PRE-REQUISITE:

COURSE NOTES:

P309118	MTT PETC	U	MTT SITE SURVEY PETC	1w	VAR	
ECL:				**EIMET:**	No	

This is a Pre-Training Survey to determine the country needs and capabilities.

PRE-REQUISITE:

COURSE NOTES:

P309120	MTT PAVS	U	MTT CREW RESOURCE MGMT INSTRUC	1w	VAR	
ECL:				**EIMET:**	No	

The Crew Resource Management (CRM) Instructor Course provides the Required knowledge and skills for selected mission qualified flight crew Members (O-3 and E-6 or above) to function as CRM curriculum model Managers. The course includes training in the implementation, instruction, and development of type/model/series specific CRM programs and is designed to satisfy OPNAVINST 1542.7 requirements. Scope: Basic instruction includes CRM history, seven critical skills, CRM methodology, computer aided curriculum development, contract administration, CRM instruction and evaluation, case study and scenario development, facilitation, instructional techniques, program management and administration, fatigue countermeasures, and OPNAVINST 1542.7 (Series).

PRE-REQUISITE: It is proposed that students be mission qualified flight crew members (O-3 and E-6 or above) and have at least 18 months remaining on current PCS tour upon completion of the course.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309121	MET CMR	U	MET ENHANCING CMR THROUGH SSR	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations' (CCMR) Expanded International Military Education and Training (EIMET) approved seminar entitled "Enhancing Civil-Military Relations (CMR) through Security Sector Reform (SSR)" is conducted by a Mobile Education Team (MET). The course aims to assist countries consolidate their democracies and strengthen their stability and security, by transforming their security institutions to become democratically accountable, effective and efficient. SSR enhances the traditional CMR concept (focused mainly on the armed forces and narrowed to issues of military praetorianism, armed forces' intrusion in domestic politics through coups d'Θtat, and military civilian control) in that it addresses the transformation of a more comprehensive "security community" (to include military, police, intelligence, justice sector etc) in the process of democratization, civil-military relations and effective security policies (including conflict prevention, stabilization and reconstruction).The key objectives of this course are to:1. Provide participants with an understanding of the SSR concept, development, challenges and opportunities; and2. Familiarize participants with SSR's main players, policies, processes, structures and programs (with an emphasis on the need for an integrated approach of the SSR).3. Assist participants in developing an action plan for SSR in their own countries. CCMR's approach to teaching the "Enhancing Civil-Military Relations (CMR) through Security Sector Reform (SSR)" course is to focus instruction on the specific conditions and unique requirements of a country, and in consonance with ODC/SCO guidance. Participants will be provided with necessary theoretical knowledge by academic lecturers and experienced practitioners. The workshop utilizes case studies and simulation exercises to provide participants with the knowledge and skills needed by decision-makers and their advisors to reform their national security institutions. Participants will be exposed to all critical elements of SSR programming areas, including: border security, civil-military relations, civil society capacity building, defense reform and restructuring, disarmament, demobilization, reintegration (DDR), governance, intelligence reform, control and oversight mechanisms, justice reform, penal reform, police reform, public sector management, and small arms and light weapons trafficking. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with civilian and military officials of all security sector branches in a group setting to develop deliverables for implementation within a recipient country. The course provides a neutral venue whereby the virtues of consensus-building and interagency cooperation are demonstrated and applied, with the result that the experience of cooperation and collaboration continues well after the program. At the end of the course, the participants will have an enhanced understanding of the opportunities and challenges associated with security sector reform, as well as the SSR's impact on democratization and civil-military relations. They will be able to develop actionable recommendations to improve existing SSR plans and planning procedures, as well as be capable of developing country-specific implementation strategies for consideration by senior defense leadership Participants The workshop is designed for international military officers in the ranks of captain to general, and their civilian equivalent, from any security or development related organization (including representatives of the defense, intelligence and police establishments, academics, policymakers, political parties' representatives, non-governmental organizations' members etc.).Translation The course is taught in English. Where necessary, the course is delivered with simultaneous interpretation into the local language. Cos tPrior to the MET, CCMR will prepare a budget of all costs to be incurred over the course of the program. ODC/SCOs will be asked to provide estimates of costs that they will incur in-country to host a program for inclusion in the total budget. Costs incurred by CCMR include transportation, faculty and staff salaries, and lodging and per diem for MET team members. In-country costs that will be included in the MET include translation and reproduction of course materials, site rental (including daily lunches), and interpreters' salaries. While costs vary widely depending on air fares, number of faculty, and other factors, a MET budget will normally total between USD 40,000 and 60,000. Should a pre-course survey be determined necessary to coordinate with embassy and host nation representatives, it costs normally total between USD 8,000 and 15,000 and can be programmed under MASL P309073.

PRE-REQUISITE:

COURSE NOTES:

P309122	J- 2E-4316	U	MTT FIRE SUPPORT COORDINATION	1w	VAR	
ECL:				**EIMET:**	No	

To provide U.S. Army, Navy, and Marine Corps personnel with the doctrine, technique and procedures of planning and coordinating fire support for MAGTF-employed amphibious operations. The course emphasizes the skills needed to work in a battalion level Fire Support Coordination Center during amphibious operations or continuing operations ashore. Scope. The course encompasses the concepts, doctrine, principles and techniques for the planning, coordination and operational execution of fire support for MAGTF operations. Instruction includes an overview of amphibious procedures: the fire support planning process, the preparation of plans and orders for fire support and the specific operational techniques required for the coordinated employment of fire support assets. Practical exercises are provided to reinforce instruction, culminating in a final exercise simulating the execution of a battalion-level operation. The instruction and exercises are applicable at all echelons of command in the landing force, but particular emphasis is placed at Battalion Landing Team (BLT) and Regimental Landing Team (RLT)

PRE-REQUISITE: 1. Marine and Navy officers or senior enlisted who plan operations or fire support for their unit. The billets associated with unit planning include Fire Support Coordinator, Artillery Liaison Officer, Air Officer, Naval Gunfire Officer, 81mm Mortar Representative, Electronic Warfare Officer, S-3, S-2, Company Fire Support Teams, and Forward Air Controllers.2. Students attending this course should not be assigned duties or scheduled for medical/dental appointments during class time. Loss of a substantial portion of any training day will require the student be dropped from the course

COURSE NOTES: MTT-PEWP 1. Uniform. MTT - determined by the requesting unit. Report NLT 0730 to designated classroom.2. Course may be modified to meet unit requirements (i.e., 4 days, 10 hours per day).Special Equipment 1. Classroom with large tables to facilitate group Practical Exercises using large map sheets.2. Projection screen.3. Computer with CD-ROM/Zip Drive and Light Projection System (Proxima).

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309124	CT-MET-POO	U	MET CT FINANCING & ABUSE OF NPOS	1w	VAR	
ECL:				**EIMET:**	No	

Combating Terrorist Financing and Abuse of Non-Profit Organizations (NPOs) This 1-week workshop hosted in New Delhi, will bring together professionals tasked with the missions of Counter-Terrorism, Counter-Insurgency, and Countering the Financing of Terrorism (CFT) and Financial Crimes in South Asia (India, Nepal, Bangladesh, Sri Lanka, Maldives, Afghanistan, and Pakistan) to participate in a South Asia regional counter-terrorism workshop focused on combating terrorist financing in the charitable sector. CTFP Justification: The charitable sector has been identified by counter-terrorism authorities and the international community as one of the primary means that terrorist organizations raise, move and use funds. Most importantly, the Financial Action Task Force (FATF) -- the anti-money laundering and countering the financing of terrorism (AML/CFT) international standard setting body -- has issued an international standard on combating terrorist abuse of NPOs, also known as Special Recommendation VIII (SRVIII). This international standard calls for governments to develop and implement a comprehensive framework to effectively combat this terrorist threat. This approach begins with the need for governments to conduct a domestic NPO sector review and a terrorist finance threat assessment for their NPO sector, followed by the development and implementation of a 4-prong approach that includes oversight; outreach; enforcement actions; and international engagement to counter this challenging terrorist threat. Description - The objective of this workshop is to discuss and analyze the complex nature of this terrorist threat and to determine what actions this region can take working together to combat this significant, yet often overlooked, form of terrorist financing. Terrorist abuse of NPOs also includes radicalization, which contributes toward regional instability, insurgency, terrorism and other illicit activity. Combating and countering this terrorist threat requires interagency as well as multilateral efforts in order to be most effective. It is envisioned that this CT workshop will serve not only as a model for similar workshops in other regions, but key participants from South Asian governments will be asked to speak about their experience addressing this terrorist threat at future workshops in other regions. Target Audience - The most effective approach to combat this terrorist threat requires a wide range of CT interagency components. Therefore, approximately 42 personnel will be trained from a variety of relevant CT government agencies, including Finance and Foreign Ministries, Police, Intelligence, Home Affairs, Armed Forces, and Social Affairs from: India (6-8), Nepal (4-6), Bangladesh (5-7), Sri Lanka (5-7), and Maldives (4-6), Pakistan (6-8), and Afghanistan (5-7). The seminar will be offered in English. All participants meet the statutory requirements of serving as a military officer, ministry of defense official, or security official. All participants will be vetted for human rights abuses in accordance with the Leahy amendment guidance.

PRE-REQUISITE:

COURSE NOTES:

P309130	MET ATM	U	MET ACQUISITION PHASE I	1w	VAR	
ECL:	80			**EIMET:**	No	

Phase I for Acquisition Management Series courses is accomplished through data gathered from on-site observations, structured interviews and focus groups over a three to five day period. Target populations are senior managers in the various functional areas and working professionals in the specific technical disciplines of the course to be developed. Naval Postgraduate School, International Defense Acquisition Resource Management team members will acquaint all parties with the process and goals of the program as well as work with the country s point of contact to identify curriculum goals and learning objectives. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309131	MET ATM	U	MET ACQUISITION PHASE III	1w	VAR	
ECL:	8			**EIMET:**	Yes	

INTERNATIONAL DEFENSE ACQUISITION RESOURCE MANAGEMENT PHASE III, COURSE DELIVERY Phase III course delivery is accomplished via MET or in CONUS. Topics included in the series cover all aspects of the defense systems acquisition life-cycle management process including: Strategic Planning and Implementation Business and Financial Management Contracting and Purchasing Policies and Procedures Program Management Logistics and Supply Chain Management Test & Evaluation Production & Quality Assurance. This curriculum provides a full range of courses to support the career goals and professional development of a country s military and civilian defense acquisition workforce. Each course provides students with an understanding of the theory and skills required to perform effectively in their chosen career field. Designed for personnel involved in any aspect of the system acquisition process, each course is open to students from every career field. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309132	MET ATM	U	MET ACQUISITION PHASE II	1w	VAR	
ECL:	EC			**EIMET:**	No	

Phase II for all International Defense Acquisition Resource Management (IDARM) series courses is the curriculum development phase and builds on the information gathered in Phase I. Using the country s known requirements and the latest instructional techniques, a curriculum is designed which will meet desired learning outcomes. Phase II is accomplished via MET or in CONUS. In either case, the tailored curriculum will be presented to the participating country s delegation for approval and any necessary modifications will be implemented. If desired, Phase II can include delivery of a pilot course or seminar. The preferred Phase II alternative is the CONUS program design effort at the Naval Postgraduate School (NPS) in Monterey, CA. This allows the country representatives to travel to the United States and meet with NPS faculty who will develop and deliver IDARM courses, and to become familiar with the entire range of educational activities and programs at NPS. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309133	MET ATM	U	MET ACQUISITION CONT ED	1w	VAR	
ECL:				**EIMET:**	No	

After completion of the IDARM MET Acquisition Phases I-III, a country may request any amount of follow-on education concerning different topics and as extensions of the initial program. To provide a beneficial level of engagement with the host country, IDARM recommends that the continuing education phase of course delivery continue for at least two years to provide the tools needed for the country leadership to initiate effective change in defense acquisition management processes. In each subsequent Phase III course delivery MET, IDARM faculty will assist the country s civilian and military leaders to set the stage for improving their nation s ability to utilize defense resources with maximum effectiveness in all acquisition-related functions. Follow-on courses are designed to build on each preceding program. Courses can be structured as classroom lecture with case studies, or as a combination workshop and seminar. Potential IDARM MET subject matter areas include: Strategic planning and implementation; public policy and budgeting: Defense resource policy and management; financial management for acquisition managers; contract pricing and negotiations; Acquisition management and contract administration; advanced contracting principles; advanced contract management; Defense systems contracting; contracting for major systems; research & development; contracting principles of acquisition and program management; and principles of systems acquisition and program management. Principles of acquisition production and quality management program management policy and control logistics engineering test & evaluation management. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309134	MET ATM	U	MET INTERNATIONAL DEFENSE ACQUISITION NEGOTIATIONS	1w	VAR	
ECL:	EC			**EIMET:**	No	

This training is conducted by use of a Military Education Team and customized given a country s specific requirements. The key objectives are: 1. To develop an understanding of cross cultural negotiations. 2. To familiarize course participants with a structured approach to planning and preparing for negotiations. 3. To examine analytical techniques and fact finding methodologies as aids to developing a negotiation position and best alternatives to a negotiation position. 4. To learn and apply various negotiation strategies and tactics and understand their situational use. 5. To provide an opportunity to prepare a negotiation plan and to actually negotiate complex issues in difficult negotiation situations. The course is taught by resident faculty from the School of International Graduate Studies and Graduate School of Business and Public Policy. Faculty lectures are augmented by presentations from distinguished practitioners who are negotiation experts. The course focuses on planning and preparing for negotiations with a special emphasis on negotiation of complex issues in a multi-cultural environment. Extensive in class negotiations are conducted. Course participants learn their negotiating style preference and how and when to adapt their negotiation styles given the behavior and goals of the parties. Topics include fact finding techniques, gathering and use of information, selection of negotiators, characteristics of good negotiators, use of teams in negotiations, strategies and tactics for effective negotiations, ethics, types of power bases, analytical methodologies, relationship building in negotiations, developing negotiation arguments and counterarguments, developing negotiation positions, timing and pace; cultural considerations, communication and language barriers, identifying best alternatives to a negotiation position, completing the negotiation, drafting and signing negotiations agreements and enforcing negotiation agreements. A capstone multi-cultural negotiation exercise focuses on the analysis of information, preparation of a formal negotiation plan, planning for negotiations, actual negotiations and completion of a negotiation agreement Participants: This course is designed for U.S. and international military officers and civilian equivalents of grades 04-06, who directly or indirectly contribute to development of negotiation positions, conduct analysis of information or participate in negotiations.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309135	MET ATM	U	MET PRIN GOVT CONTRACT LAW	1w	VAR	
ECL:				**EIMET:**	Yes	

This new mobile course offering Principles of Government Contract Law is intended to educate military officers and civilian equivalents in the legal aspects of all phases of government contracting in today's international environment. The course provides participants with professional level education about the complexities of government contract law. Ethics is emphasized throughout the course as is the role of civilians and military in contract law. The successful outcome of government contracting is directly related to the legal underpinnings of the contracting process, the management and administration of budgets and the procurement of a system that meets stated capabilities and requirements. While this course focuses on legal matters, it is designed for non-lawyers who require an understanding of government contract law and the ability to carry out their duties within the parameters of all applicable laws and regulations. An examination of the importance of strategic planning as well as the short and long term implications of decisions made during contract formation and management are important components of the course. An analysis of real world defense acquisition government contracting scenarios is used as a lens through which to understand the various topics within the course.

PRE-REQUISITE:

COURSE NOTES:

P309136	MET ATM	U	MET CONTRACTING FOR PRE-DEPLOYMENT & DEPLOYMENT OP	1w	VAR	
ECL:				**EIMET:**	No	

The International Defense Acquisition Resource Management Program (IDARM) offers a one-week mobile course entitled "Contracting for Peacekeeping." This course may be conducted for a single country or as a regional event. The key objectives of this course are to:1. Examine the fundamental concepts and challenges associated with contingency contracting. 2. Provide course participants with an understanding of the complexities associated with planning and negotiating contracts in "conflict areas." 3. Examine the tools and techniques necessary to effectively contract in areas with limited or no host nation support.4. Assist countries in their efforts to develop and institutionalize efficient and effective contingency contracting practices. The course is taught by resident faculty from the School of International Graduate Studies and Graduate School of Business and Public Policy. Faculty lectures are augmented by presentations from distinguished practitioners who are subject matter experts in various topics within the field of contingency contracting. The course provides a practical examination of defense procurement and contracting issues in an insecure environment characterized by mid to high intensity conflict. Course participants consider the challenges of procurement and contracting for widely dispersed operations in a joint or coalition environment, given rapidly changing organizations, an increasing reliance on contractors and the emergence and evolution of new threats. Topics include the types of contingencies, cross-cultural awareness, ethics, roles and responsibilities, anti-terrorism and security, deliberate & crisis action planning, funding of contingency efforts, contractual instruments, and contract administration and closeout. Participants: This course is designed for U.S. and international military officers and civilian equivalents of grades 04-06 who directly or indirectly contribute to procurement and contracting in a contingency environment, from a policy or operational perspective. Countries are encouraged to nominate more than one participant. Course Dates: The course is exported and customized given a country's specific requirements.

PRE-REQUISITE:

COURSE NOTES:

P309137	MET CMR	U	MET AFRICA CIV MIL REL FOR JUNIOR MILITARY LEADERS	1w	VAR	
ECL:				**EIMET:**	Yes	

MET AFRICA CIV MIL REL FOR JUNIOR MILITARY LEADERS The purpose of this course is to discuss civil-military relations in general and military professionalism in particular as they relate to military leaders at the company and battalion level. The course begins with an overview of appropriate civil-military relations in a democracy and a discussion with the participants about how they see civil-military relations in their country. The course focuses on the key role that junior leaders -- officers, non-commissioned officers and their subordinates - play in establishing and maintaining the trust and confidence of their clients, the state and the people. The program is designed to be conducted on the ground with the units. A classroom is ideal, but the program can be conducted under the trees as well. Outcomes At the end of the program, participants will have a greater level of understanding, knowledge and respect for the role they play in ensuring that the military is competent, disciplined and apolitical, and that it is respected by all concerned. At the end of the program, the participants will design a simple card that will serve as an informal code of conduct for themselves - in times of war on one side, in times of peace on the other. Participants This is the only program in which we do not have a balance between military and civilian participation. The target audience is one company with battalion staff and leaders added as necessary. We want to also invite no more than five representatives from non-governmental organizations (NGOs) and the media. Time Frame The program will normally be one day long per company. We can do as many as five in the course of a week. Preparation time to deliver a program is approximately three months. Faculty Teams Faculty is chosen based on the course requirements and normally consists of two facilitators, one with a military/practitioner background and the second with an academic background, both with extensive experience with and in Africa. Translation Written materials for the course are prepared (usually at post) in the host country's language. Interpreter support may be required, depending on the language capability/fluency of the facilitators. Cost Funding for this program can come from a variety of sources, (E)IMET and FMF being the most common. Costs will depend on the amount of travel required between and among participating units. There are no formal breaks or working lunches associated with this program. Facilitators eat with the troops. Contact The primary contact is: Mr. Eugene M. Mensch II, Africa Program Manager: (831) 656-2903, emmensch@nps.edu

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309138	MET CMR	U	MET AFRICA DISARM, DEMOBILIZ & REINTEGRATION (DDR)	1w	VAR	
ECL:				**EIMET:**	Yes	

The purpose of this course is to discuss the concepts, policy and strategy of an integrated DDR program. We use the United Nations (UN) framework for IDDR. We begin with the structures and processes involved in integrated planning for DDR at the national level. That is followed by the identification of operations, programs and the support required to disarm, demobilize and reintegrate former combatants socially and economically into civil society. We also discuss cross cutting issues such as women, gender, youth, cross border population movements, food aid, HIV/AIDS and other health concerns. This is an ideal program to conduct subregionally. Outcomes At the end of the program, participants will have greater level of understanding, knowledge and respect for the role various actors play in designing and implementing an integrated DDR program. The capstone exercise in the seminar will require the participants to outline a DDR program for their country/countries. Participants Participants are selected by the host government(s) and the American Embassy. Numbers can range from 40 - 80, with 60 being ideal. Half the total should be military with the other half composed of civilian and civil society participants. Rank and position vary depending on the country/countries involved, but participation is more dependent on responsibility than rank. Members of international organizations should also be invited to participate in this program. Time Frame The seminar will normally take place over four to five work days. It requires approximately three months of preparation to deliver. Faculty Teams Faculty is chosen based on the course requirements and normally consists of two facilitators, one with a military/practitioner background and the second with an academic background, both with extensive experience with and in Africa. Additionally, we often make use of facilitators from international organizations to address details of DDR programs. Translation Written materials for the course are prepared (usually at post) in the host country's language. Interpreter support may be required, depending on the language capability/fluency of the facilitators. Cost Funding for seminars can come from a variety of sources, (E)IMET and FMF being the most common. Costs (FY 09) for a five day seminar with two facilitators, in English, for 60 participants are roughly USD 55,000. Programs requiring translation of written materials and interpreters are roughly USD 60,000. These are planning figures only. Final costs are generally less than estimated. Efforts are made to combine surveys (and seminars) with other activities in Africa to reduce costs to all concerned. Subregional programs involving more than one country are more expensive with each participating country funding its own participation.

PRE-REQUISITE:

COURSE NOTES:

P309139	MET CMR	U	MET AFRICA SECURITY FORCES & THE ELECTORAL PROCESS	1w	VAR	
ECL:				**EIMET:**	Yes	

The purpose of this course is to discuss what, if any, role security forces can play in the electoral process of the host country. It begins with a discussion of civil-military relations in general and in the host country in particular. We discuss how a well considered national security policy, inclusively and transparently formulated, can define the roles and missions assigned to the security forces of the country, including support to civil authorities in the conduct of elections. Different level of elections are discussed as well as the roles various actors, including politicians, the legislature, the media and the security forces can play in those elections. Emphasis is placed on the need for training, resources and political will to ensure the success of this support. Outcomes At the end of the seminar, participants will have a greater level of mutual understanding, knowledge and respect for the roles, missions and responsibilities that their organizations can play in supporting the electoral process in t heir country. The capstone exercise in the seminar requires the participants to prepare an outline of an electoral policy directive that could be used as a model in future elections. Participants Participants are selected by the host government and the American Embassy. Numbers can range from 40-80, with 60 being ideal. Half the total should be military with the other half composed of civilian and civil society. Rank and position depend on the specific country involved, but participation is more dependent on responsibility rather than rank. Representatives of the National Electoral Commission should be specifically included in the program. Time Frame The seminar will normally take place over four to five work days. It requires approximately three months of preparation to deliver. Faculty Teams Faculty is chosen based on the course requirements and normally consists of two facilitators, one with a military/practitioner background and the second with an academic background, both with extensive experience with and in Africa. Additionally, we often make use of host country facilitators to address particular issues requiring a greater understanding and depth of knowledge of local history. Translation Written materials for the course are prepared (usually at post) in the host country's language. Interpreter support may be required, depending on the language capability/fluency of the facilitators. Cost Funding for seminars can come from a variety of sources, (E)IMET and FMF being the most common. Costs (FY 09) for a five day seminar with two facilitators, in English, for 60 participants are roughly USD 55,000. Programs requiring translation of written materials and interpreters are roughly USD 60,000. These are planning figures only. Final costs are generally less than estimated. Efforts are made to combine surveys (and seminars) with other activities in Africa to reduce costs to all concerned.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309140	MET CMR	U	MET DEV EFF PERS MGMT POL	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded IMET workshop entitled "Implementing Strategic Planning: Developing Effective Defense Personnel Management Policies," exportable on demand to all IMET recipient countries. This course is designed for international civilian officials, military officers in the ranks of lieutenant to major general, and representatives from other relevant government institutions who have personnel management responsibilities in the specific areas of policy, planning, implementing, and overseeing the human resource dimensions of the armed forces. The key objectives of the course of instruction are to instruct participants in the importance of institution-wide policies and regulations for raising, training and managing the force. Policies, practices, and management policies regarding personnel that have been found to be successful in Western nations will be presented as case studies. Depending upon the specific requirements of a country, a CCMR workshop can address the following contents: (1) Establishing short-, mid- and long-term personnel requirements (2) Transitioning from a conscript to professional force (3) Career progression (4) Effective cohort management (5) Promotion based upon merit (6) Techniques for successful recruitment (7) Managing effective civilian personnel (8) Security Screening CCMR s approach to teaching Implementing Strategic Planning: Developing Effective Defense Personnel Management Policies is to focus delivery to the specific conditions and unique requirements of a country. In keeping with CCMR s approach to delivering instruction, priority is placed on the educational component of the assistance. This particular course, however, is also ideally suited for participants to produce, as part of the educational component, a country-specific deliverable (e.g., a draft personnel management policies, review of existing management policies, an action plan to implement reforms, etc.). In the development of deliverables, CCMR stresses the importance of: (1) where possible, the importance of their integration with existing processes and systems, and (2) the concurrent development of implementation strategies. At the end of this course, participants will have mastered an understanding of the importance of the adoption of transparent personnel management rules and procedures, incentives, and matching future requirements to contemporary personnel actions. CCMR strongly recommends that ODC/SCO chiefs identify specific areas of personnel management weakness in a recipient country in order to ensure that the course is designed to address these specific areas, as well as develop draft reforms. Faculty teams CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. The specific size of the teams organized for this course will depend upon the number of participants and whether a staff planning exercise is requested. However, as a general rule, CCMR faculty teams are relatively small (two to three individuals) consisting of proven subject-matter experts, who are drawn from around the world. Translation: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309148	MET CMR	U	MET MEDIA AND MILITARY	1w	VAR	
ECL:				**EIMET:**	Yes	

A one week course entitled "The Media and the Military." The workshop is conducted by a Mobile Education Team (MET). The key objective of this course of instruction is to examine the methods civilian authorities, military officers, and the media in emerging democracies can use to structure an effective relationship between a country s armed forces and the media during peacetime and war. The course examines the following subjects: (1) The role of policy-makers in shaping media-military relations (2) Developing a comprehensive media strategy by national security decision-makers and the armed forces (3) Establishing guidelines for media coverage of military operations, press conferences, briefings, and releases (4) Professional roles, missions, and responsibilities of the media (5) Shaping the public image of the armed forces CCMR s approach to teaching "The Media and the Military" focuses on the host country s unique requirements. The course examines the fundamentals of media-military relations as they are affected by national legislation, institutions, principles, and practices. Participants analyze the role of policy-makers, the military, the media, and the public sector in national security policy formulation and implementation. Changing technology, legal restrictions, and public expectations are examined as they affect these relationships. The use of the media by other countries, non-governmental organizations (NGOs), and enemy forces, the proper context for psychological operations (PSYOPS), and the staffing process for military public affairs are considered. Employing a simulation exercise approach and the study of operational lessons learned from a relevant assortment of cases, participants are equipped with the skills and knowledge needed to design effective linkages between the media and armed forces. The exercise enhances the capacity for national security decision-makers and the armed forces to develop plans for addressing the legislature, media, and the public, and strengthens interviewing skills by all parties to minimize the effects of distortion, manipulation, and disinformation. The course provides a neutral venue whereby the virtues of consensus-building and interagency cooperation are demonstrated, and applied, with the result that the experience of cooperation and collaboration continues well after the program. Participants This course is designed for international civilian officials, military officers in the ranks of major to general, and representatives from other institutions (including the media) concerned with developing effective relations between the media and the armed forces. Language The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309149	MET CMR	U	MET INTELLIGENCE/DEMOCRACY	1w	VAR	
ECL:				**EIMET:**	Yes	

A one-week workshop entitled "Intelligence and Democracy" conducted by a Mobile Education Team (MET). The key objective of this course of instruction is to examine the methods of civilian authorities in emerging democracies can use to establish strong, effective controls over their intelligence agencies. The course first examines the intelligence process in established democracies and the potential problems that intelligence activities can pose to democratic governance. Next, participants analyze the mechanisms used by long-established democracies to maintain control over their intelligence organizations. These instruments of control include use of the power of the purse, structural and organizational arrangements, legislative oversight, and public opinion. Employing the case study approach, participants examine the recent efforts by emerging democracies in Latin America, Central Europe, Asia and Africa to establish their own democratic controls over intelligence and the challenges that such nations will face in the future. The educational approach of this course combines informational content along with practical exercises and case studies to provide participants with the skills and knowledge needed to understand how modern democracies design effective mechanisms to control their intelligence agencies. Participants: This course is designed for international civilians officials and military officers concerned with developing democratic controls and oversight mechanisms for intelligence agencies. Language: The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309150	MET CMR	U	MET LEGISLATURE/MILITARY	1w	VAR	
ECL:				**EIMET:**	Yes	

"Building Linkages Between the Legislature and the Military" This workshop is conducted by a Mobile Education Team (MET). The key objective of this course of instruction is to examine the methods civilian authorities and military officers in democracies can use to establish effective linkages between a country s legislature and its armed forces. The course specifically examines the following subjects: (1) The constitutional and legal framework for legislative-military relations (2) The role of the legislature in shaping defense legislation (3) Legislative oversight of defense and military policy (4) Defense and intelligence committee creation with jurisdiction over policy, oversight, and budget issues (5) Civilian expertise and career management of legislators and legislative staff personnel (6) Defining the roles and missions of armed forces (7) Military liaisons to the legislature CCMR s approach to teaching "Building Linkages Between the Legislature and the Military" focuses on the host country s unique requirements. The course first examines the fundamentals of legislative-military relations as they are affected by national legislation, institutions, principles, and practices. Next, participants analyze the role of the legislature in national security policy formulation and implementation. Legislative participation in the officer promotion process and the need for legislative approval of military deployments is evaluated as a mechanism to prevent the politicization of the armed forces and its misuse by the executive for personal, partisan, or unconstitutional ends. The course examines legislative budgetary authority and the utilization of statutory reporting and formal hearings. Developing professional civilian staff for defense-related committees, and ancillary topics to include their recruitment, training, pay, and promotion are explored, as are constituency relations and voting on defense issues. Employing a case study and simulation exercise approach, participants are equipped with the skills and knowledge needed to understand how to design effective linkages between their legislature and armed forces. The course provides a neutral venue whereby the virtues of consensus-building and interagency cooperation are demonstrated, and applied, with the result that the experience of cooperation and collaboration continues well after the program. Participants This course is designed for international civilian legislators and officials, military officers in the ranks of lieutenant colonel to general, and representatives from other institutions concerned with developing effective linkages between legislatures and the armed forces. Language The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309151	MET CMR	U	MET DOMESTIC SUPPORT OPS	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a one-week course entitled "Domestic Support Operations." The workshop is conducted by a Mobile Education Team (MET). The key objective of this course of instruction is to examine the methods civilian authorities and the military in democracies can use to devise effective policies and strategies for the domestic employment of the armed forces. The course examines the following subjects: (1) The role of national leadership in shaping Domestic Support Operations (DSO) policy and strategy (2) Strategic and operational civil-military implications of DSO (3) Roles and missions of the armed forces and related agencies in humanitarian assistance and disaster relief operations (4) Establishing guidelines for military support to civil authorities (5) Nongovernmental organizations (NGOs) and civil sector entities (6) Constitutional, legislative, and logistics considerations CCMR s approach to teaching "Domestic Support Operations" focuses on the host country s unique requirements. The course examines the fundamentals of DSO as they are affected by national policies and practices. Participants analyze military support to civilian law enforcement and related authorities to include the use of military equipment, intelligence, reserve component, and public affairs personnel. As appropriate, counternarcotics, civil disturbances, combating terrorism, the role of private security companies, and refugee affairs are considered. Employing a simulation exercise approach and the study of operational lessons learned from a relevant assortment of cases, participants are equipped with the skills and knowledge needed to design effective linkages between civil authorities and armed forces. The exercise enhances the capacity for national security decision-makers and the armed forces to develop plans for conducting domestic support operations. The course provides a neutral venue whereby the virtues of consensus-building and interagency cooperation are demonstrated, and applied, with the result that the experience of cooperation and collaboration continues well after the program. Participants This course is designed for international civilian officials, military officers in the ranks of major to general, and representatives from other institutions concerned with domestic support operations. Language The course is taught in English. Where necessary, the course is delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309152	MET CMR	U	MET CIV CNTRL ARMED FORCES	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) workshop course entitled "Civilian control of the Armed Forces in a Democracy: Methods, Techniques and Application," exportable on demand to all IMET recipient countries. This course is designed specifically for those countries that either have week institutional controls over the armed forces and those that wish to improve existing structures and procedures. The intended audience is mid- to senior civilian defense and military officers in the ranks of major to Major General and their civilian equivalents from the Ministry of Defense, Chancelleries, and Parliament involved in the decision-making process to oversee the management and operation of the armed forces. The key objectives of the course of instruction are to provide instruction and technical assistance in: (1) Western principles of civilian control over the armed forces (2) Using case studies, identifying potential problem areas in control structures and procedures (3) Review of "decision points" in Western countries (i.e., procedures and documents) that effect control over the armed forces (4) Ascertaining which procedures, structures and practices found to be effective in Western democracies can be adapted for implementation in the recipient country CCMR s approach to teaching the Civilian control of the Armed Forces in a Democracy: Methods, techniques and application is to focus delivery wherever possible to the specific conditions and requirements of the recipient country and its governing structures. In keeping with CCMR s approach to delivering instruction and technical assistance projects, priority is placed on the educational component of the assistance, reinforced by its practical application in the form of producing draft procedures and arrangements, which is provided to the recipient country s political and defense leadership for action and the ODC/SCO as a status report. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with civilian and military officials in a collaborative group setting to develop draft procedures and arrangements for implementation. In the development of draft procedures and arrangements, CCMR stresses the importance of: (1) the need for their integration with existing processes and systems, and (2) the concurrent development of implementation techniques. At the end of this course, the recipient country s Ministry of Defense and Defense HQ will be better prepared to ensure requisite transparent oversight of the armed forces. Participants will understand the nuanced character of control techniques and procedures, thereby allowing them to implement acceptable principles and procedures within their own national governing structures. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, CCMR faculty teams are relatively small (two to three individuals) consisting of proven subject-matter experts, who are drawn from around the world. Translation The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309153	MET CMR	U	MET CIMIC SUP OF MIRRO	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) workshop course entitled "Civil-Military Cooperation (CIMIC) Support of Multinational and Interagency Relief and Reconstruction Operations," exportable on demand to all IMET recipient countries. This course is designed specifically for countries that have, or are proposing to develop and furnish, dedicated CIMIC units, or individuals. The intended audience is mid to senior civilian defense and military officers in the ranks of captain to major general and civilian equivalents from the Ministry of Defense involved in the decision-making process to prepare forces / agencies to support multinational relief and reconstruction operations. The key objectives of the course are to provide instruction and technical assistance to: (1) review existing and emerging international and recipient country CIMIC concepts for support of multinational and interagency relief and reconstruction operations under UN mandate (2) evaluate recipient country objectives for CIMIC force support of multinational and interagency relief and reconstruction operations, based primarily (though not exclusively) on NATO CIMIC doctrine, within recipient country national security policy and other national political constraints (3) analyze current and potential recipient country CIMIC force comparative value-added contributions for such operations, and develop a generic CIMIC mission-essential task list (METL) (4) establish the framework for recipient country CIMIC and related inter-ministry force and doctrinal development, as well as training and skills development (5) draft an implementation plan for obtaining these capabilities (6) conduct an initial review of material and financial resources required for establishing a deployable recipient CIMIC/inter-ministry capacity to support multinational and interagency relief and reconstruction operations

PRE-REQUISITE:

COURSE NOTES:

P309154	MET CMR	U	MET CA/CIMIC SUP OF IO	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom-designed Expanded International Military Education and Training (IMET) workshop course entitled "Civil Affairs (CA) / Civil-Military Cooperation (CIMIC) Support of Information Operations (IO)," exportable on demand to all IMET recipient countries. This course is designed specifically for countries that have, or are proposing to develop, dedicated CA / CIMIC units or individuals, improve CA / CIMIC ability to support IO, and expand military and inter-ministry IO capabilities. The intended audience is mid to senior civilian defense and military officers in the ranks of captain to major general and civilian equivalents from the Ministry of Defense involved in the decision-making process to prepare forces / agencies to support multinational relief and reconstruction operations. The key objectives of the course are to provide instruction and technical assistance to: (1) review existing and emerging international and recipient country inter-ministerial strategic communications and military IO concepts for multinational and interagency relief and reconstruction operations under UN mandate, (2) evaluate recipient country objectives for inter-ministerial and military IO support of multinational and interagency relief and reconstruction operations, based primarily (though not exclusively) on NATO and (when applicable) UN CIMIC and IO doctrine, within recipient country national security policy and other constraints, (3) analyze current and potential recipient country CA / CIMIC force comparative value-added contributions for CA / CIMIC support of inter-ministry and military IO, and develop a generic CA / CIMIC-IO mission-essential task list, (4) establish the framework for recipient country CA / CIMIC-IO and related inter-ministry force and doctrinal development, as well as training and skills development, for CA / CIMIC-IO integration or synchronization (5) draft an implementation plan for obtaining these capabilities (6) conduct an initial review of material and financial resources required for establishing a deployable recipient CA / CIMIC/inter-ministry capacity to integrate IO in support of multinational and interagency relief and reconstruction CCMR s approach to teaching the course is to focus delivery to the specific conditions and requirements of the recipient country. In keeping with CCMR s approach to delivering instruction and technical assistance projects, priority is placed on combining education and practical application in the form of draft procedural and implementation guidelines and take-away references for further independent development. Program products are provided to the country s defense leadership for action and the ODC/SCO as a status report on the state of the recipient country capability. Course objectives are achieved through rigorous application of problem-solving with emphasis on working with military officers and civilians in a group setting. In the development of draft procedures and arrangements, CCMR stresses the importance of: the need for their integration with existing formal international processes and systems; and the concurrent development of implementation plans. At the end of this course, the recipient country will have an enhanced CA / CIMIC/inter-ministerial capability to support IO within an international framework. Participating officers will understand and be able to use established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams: CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309156	MET CMR	U	MET DEM CIV MIL REL & ROL	1w	VAR	
ECL:	EC			**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) one - week Expanded International Military Education and Training (EIMET) approved course entitled "Establishing Democratic Civil - Military Relations and the Rule of Law," is conducted by a Mobile Education Team (MET). The key objective of this course of instruction is to examine in a comprehensive manner the multiple and overlapping requirements in establishing stable and healthy democratic civil - military relations and the rule of law. Through a comparative and historical analysis of how the social, political, military and legal dimensions of a country interact, lessons will be drawn for civilian and military policy - makers to consider implementing in their countries. The course examines the following subjects: 1. The role of civil society (NGOs, think tanks, and academia) and the media in developing popular support for and influencing the actions of the armed forces. 2. The importance of different political institutions in the executive (Ministry of Defense and National Security Council), legislature (committees and investigative bodies), and the judicial system (courts and IGs) in controlling the armed forces while maximizing their effectiveness and efficiency. 3. The critical and central importance of the "rule of law" in all that concerns civil - military relations beginning with a national constitution and following through organic laws, legislation, and oversight. 4. The role of civilian and military policy - makers in crafting the institutions whereby democratic civilian control of the military can be combined with their effectiveness in the fulfillment of roles and missions. 5. The long - term importance of education, both civilian higher education and professional military education (PME), in consolidating the bases of stable and positive civil - military relations. CCMR s approach to teaching this MET focuses on the country s unique requirements as identified by a CCMR visiting team in conjunction with host nation military, governmental, and civil society experts. The comparative and historical examples from throughout the World will be utilized to illustrate "best practices and lessons learned" in assisting the policy - makers in developing strategies to design, implement, and manage the institutions and processes necessary to combine democratic civilian control with effectiveness and efficiency within a context defined by the "rule of law." Participants The course is designed for mid - to high - level civilian government officials (executive, legislature, and judicial branches), military officers from major to general, and representatives from civil society and the media.

PRE-REQUISITE:

COURSE NOTES:

P309158	MET CMR	U	MET INTERNATIONAL HOMELAND DEFENSE	1w	VAR	
ECL:				**EIMET:**	Yes	

The Center for Civil-Military Relations (CCMR) offers a custom designed Expanded International Education and Training (IMET) and Counter Terrorism Fellowship Program (CTFP) course entitled "International Homeland Defense" that can be exported on demand to all IMET and CTFP recipient countries. The intended audience is mid- to senior-level, military, civilian (typically from the ministries of Defense, Interior, Justice, or Foreign Affairs), and law enforcement agency members involved in the decision making process surrounding national and international security issues. Ordinarily, participants hold ranks equivalent to that of captain (O-3) through major general, depending on source country arrangements. The key objectives of this course are to provide instruction and technical assistance to: 1) Understand "Homeland Defense" as a component of the broader concept of "Homeland Security". 2) Implement effective interagency planning and cooperation strategies. 3) Provide a thorough understanding of current and potential threats to be defended against. 4) Understand the mutually supportive roles of civil authority, military responses, and law enforcement agencies. 5) Examine the intelligence requirements for successful Homeland Defense policies and strategies. 6) Enhance international and regional cooperation. CCMR tailors each of its courses to the specific conditions and requirements of the recipient country. Priority is given to combining education with practical and relevant application. This is done though the use of problem solving in group settings, analysis of past lessons learned, and integrating emerging understandings into existing national laws, customs and international treaties. This program is best-delivered as a bilateral or regional mobile education team, five-day event. It could be delivered as an in-residence program in Monterey, CA, given sufficient demand. Faculty Teams: CCMR task-organizes each team to match the specific expertise requested by the ODC/SCO. As a general rule faculty teams consist of two or three world-class subject matter experts drawn from both civilian and military backgrounds. Translation: This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation. (Regional format would require student travel and per diem from visiting countries)

PRE-REQUISITE:

COURSE NOTES:

P309161		U	MTT ENGR & DAMAGE CONTRL	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309163	CG-23	U	MTT SEARCH COORDINATION & EXECUTION	2w	VAR	
ECL:				**EIMET:**	No	

This course provides personnel assigned to Rescue Coordination Centers or actively engaged in Search and Rescue (SAR) training in accordance with standards and benchmarks outlined in the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual for search planning, coordination, and execution. The techniques and processes taught throughout this course enable the IMS's to understand the variables in search planning and how to make effective decisions based on available data. The "Manual Solution Method" for Search and Rescue planning is emphasized to provide a better understanding of environmental variables that could potentially decide the success or failure of a SAR mission. IMS's will also receive instruction on SAR resources duties, SAR communications and Flare Incidents. Realistic tabletop scenarios will be used to test the IMS's comprehension and to prepare the IMS's for their daily operations. All exercises will be conducted in the respective host nation's area of responsibility using available resources and local knowledge. This training can be tailored to specific host nation needs. After completing this training, the student will be able to: Determine the SAR system elements Determine the different phases of a SAR case Respond to a request for SAR assistance Identify the various forms of communication within the SAR system Determine the duties and responsibilities of members within the SAR system Identify, calculate and apply the various factors and errors to find datum Identify the Global Maritime Distress and Safety System (GMDSS) and its application Plot the different search patterns and explain their uses Determine the various steps of Operational Risk Assessment and Planning Develop an appropriate rescue plan for a Search and Rescue Operation Class Size: Maximum: 24 students Minimum: 12 students Instructors: 4Materials: The host nation needs to provide the following Classroom with 1 chart table for every 3 IMS's Printed materials for IMS's: PowerPoint presentations and various worksheets Nautical charts of local area for exercises, if desired Target Audience: Participants must have basic navigation and seamanship skills. All participants should be currently assigned to SAR duties.

PRE-REQUISITE:

COURSE NOTES:

P309165	SPECIAL CITA	U	MTT CONTAINER INSPECTION	1w	VAR	
ECL:				**EIMET:**	No	

This course is designed to teach IMS's how to conduct a container inspection following the guidelines of International regulations for the transportation of dangerous goods in accordance with International Maritime Dangerous Goods Code (IMDG Code). It will familiarize the IMS's with the identification of dangerous goods and hazards associated with them. Sample Syllabus is on Page VI-37.After completing this training, the IMS will be able too Conduct a container inspection in compliance of industry standards for maritime shipping (Placarding/Structural Integrity/Stowage)o Identify the 9 hazard classes Utilize the IMDG code to ensure that hazardous materials are within international standards and follow required documentation Inspect a vehicle Identify smuggling trends in shipping Class Size: Maximum: 24 students Minimum: 16 students Instructors: 4Materials: The host nation needs to provide the following: o A large, well lit classroom with adequate sitting for class size Audio/Visual equipment to include white board (dry erase)o Intermodal Container (preferably empty)o Vehicle or truck (for practical exercise)o Access to a port facility that handles containerized cargo Target Audience: IMS's should hold responsibilities with handling containers storing dangerous goods to be transported by sea. Rules and regulations instructed are in accordance with International Maritime Dangerous Goods Code (IMDG). Multi-agency audiences are encouraged. Additional IMS responsibilities may include: o Enforcing, surveying or inspecting cargo Packing/unpacking of containers Preparing containers' transport documents (i.e. Dangerous Cargo Manifest)o Accepting, handling or carrying dangerous goods

PRE-REQUISITE:

COURSE NOTES:

P309170		U	MTT L605 FIREFIGHT SYS	1w	VAR	
ECL:				**EIMET:**	No	

Conduct a modified foam generating systems operation and maintenance course specifically applicable to the systems installed in the Knox Class Frigate.

PRE-REQUISITE:

COURSE NOTES:

P309171	S-062-0024	U	MTT SITE SURVEY NAVSCIATTS	1w	VAR	
ECL:				**EIMET:**	No	

This is a Pre-Training Survey to determine the country needs and capabilities.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309172	S-062-0025	U	MTT OPERATIONS NAVSCIATTS	1w	VAR	
ECL:				**EIMET:**	No	

NAVSCIATTS resident courses tailored to country specific needs and taught in-country.

PRE-REQUISITE:

COURSE NOTES:

P309173	S-062-0026	U	MTT MAINTENANCE NAVSCIATTS	1w	VAR	
ECL:				**EIMET:**	No	

Provide basic tailored training necessary to maintain and extend the service lifecycle of small craft diesel and outboard engines. SCOPE: Provide knowledge of basic diesel characteristics and specifications, operating principles, lubrication systems, cooling systems, air and fuel systems. Instruction of outboard motor design and construction, internal combustion theory, preventive and corrective maintenance, overhaul, troubleshooting and operation. Learn how to use manufacturers manuals for practical application and as a training aid reference.

PRE-REQUISITE:

COURSE NOTES:

P309176	SPECIAL	U	MTT HAGAN TRNG SVY - CONTR	1w	VAR	
ECL:				**EIMET:**	No	

To assess training needs to support the Hagan ABC Boiler System aboard Knox Class Ships.

PRE-REQUISITE:

COURSE NOTES:

P309177	SPECIAL	U	MTT HAGAN ABC TRNG - CONTR	1w	VAR	
ECL:				**EIMET:**	No	

To provide operator and maintenance training for the Hagan ABC Boiler System aboard Knox Class Ships.

PRE-REQUISITE:

COURSE NOTES:

P309178		U	MTT BOILER INSPECTOR	4w	VAR	
ECL:				**EIMET:**	No	

To provide operator and maintenance training for the Knox Class Ships.

PRE-REQUISITE:

COURSE NOTES:

P309179	MTT PSE-95.4	U	MTT INFRARED THERMAL IMAG	1w	VAR	
ECL:				**EIMET:**	No	

This training conducted by a Mobile Training Team provides attendees with thermal imaging training covering theory, equipment operation, and applications. Training is conducted in both classroom and shipboard environments. Upon successful completion and passing comprehensive tests, each attendee will be awarded an Interim Level I Certification in Naval Shipboard Thermal Imaging. Full certification is awarded upon successfully completing and submitting a practical examination and meeting the experience requirement. Special Notes: This training is conducted in accordance with the American Society for Nondestructive Testing (ASNT) Recommended Practice SNT-TC-IA. Prior to scheduling the training, the requesting activity must either have already purchased and received their thermal imaging equipment or have delivery coincide with the start of training. The use of a translator may affect the pace at which the course proceeds, consequently, the need for a translator may affect the actual cost estimate. MTT scheduled as agreed upon between NSWCCD and requesting country. Training is usually nine (9) consecutive days duration/length, six students maximum. One additional day required for each two additional student. If national or religious laws preclude working on specific days, the number of those non-working days must be added to the pre-set course length (9 days). Prerequisites: The training is configured primarily around the thermal imaging and inspection of shipboard electrical systems; therefore it is recommended that the attendees have an "electrical" background, either through experience or formal training in shipboard electrical systems.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309180	MTT PSE-93.3	U	MTT MARINE DIESEL ENG INSP	1w	VAR	
ECL:				**EIMET:**	No	

Training includes the theoretical principles, basic fundamentals of combustion, heat balance, and heat transfer. Types of Diesel Engine construction, lubrications systems, fuel systems, cooling systems, starting systems, air intake, exhaust systems and governors. Operation, repair and the difference between corrective and preventive maintenance. The use of trend analysis as a maintenance tool. General diesel engine overhaul procedures, including cleanliness criteria, break-in procedures, lube oil flushing, load application and warm up procedures. Engine testing to determine output capability by comparison and specifications. Trouble shooting to recognize fault symptoms, localizing a problem to a particular system, determining and isolating the specific cause(s) of the problem and the ability to develop solutions to problems posed. Special notes: A minimum of 8 students is required, special cases would apply. Course can be modified to meet special needs of the customer. Prerequisite: Basic knowledge of Diesel Engines, involved in operation or maintenance.

PRE-REQUISITE:

COURSE NOTES:

P309181	MTT PNA	U	MTT ASIR CERT TRNG LST CLS	1w	VAR	
ECL:				**EIMET:**	No	

To provide aviation training for RSN, to establish a similar ability to certify their LST class ships, provide assistance in establishing an "Aviation Air Capable Ships Facilities Bulletin 1-. To certify a team capable of performing these abilities.

PRE-REQUISITE:

COURSE NOTES:

P309182		U	MTT TRNG SURVEY NAVAIR	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309183		U	MTT TRAINING NAVAIR	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309184		U	MTT AN/ASM IATS - NAMTRAU	1w	VAR	
ECL:				**EIMET:**	No	

Training in the operation and maintenance of the AN/ASM-686 Intermediate Avionics Test Set (IATS), with supervision, in the intermediate level work center environment. This training covers: 1. AN/ASM-686 Intermediate Avionics Test Set (IATS) Introduction. 2. IATS Aircraft Simulator (AIRSIM). 3. AITS Half Rack. 4. Overall System Operation.

PRE-REQUISITE:

COURSE NOTES:

P309185	SPECIAL	U	MTT QUALITY TRAINING	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309186		U	MTT SUBSAFE/QA AUDIT	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309187	SPECIAL	U	MTT TRAINING AIDS-NAVSEA	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:
COURSE NOTES:

P309188		U	MTT CASS SYSTEM-NAMTD	1w	VAR	
ECL:				**EIMET:**	No	

Upon completion of this course, Aviation Electronics Intermediate Technicians will have acquired sufficient skills and knowledge to operate, test, utilize for testing of aircraft components and perform scheduled/unscheduled maintenance procedures on the AN/USM-636A(V) Consolidated Automated Support System (CASS) under minimum supervision in the AIMD working environment.

PRE-REQUISITE:
COURSE NOTES:

P309189		U	MTT DC/FIREFIGHTING	0w	VAR	
ECL:	70			**EIMET:**	No	

Mobile Training Team to provide Damage Control and Shipboard Firefighting training.

PRE-REQUISITE:
COURSE NOTES:

P309190		U	MTT TRNG SURVEY-NETSAFA	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:
COURSE NOTES:

P309191		U	MTT NETWORK BASED TRNG	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:
COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309194	MET CMR	U	MET AFRICA LOCAL FOCUS PROGRAM ON CIV MIL REL	1w	VAR	
ECL:				**EIMET:**	Yes	

Flagship (Civil-Military Relations (MASL # P3090700) programs normally are conducted in the capital cities of the host countries, since these programs focus on national issues that are usually the responsibility of national leaders of government, the armed forces and civil society. We have found, however, that especially in larger countries, where lines of communication are long and/or weak and the span of control is such that the central government has difficulty governing its vast territory, that the perspective of far flung localities, or localities with different demographics, can be quite different than that of the central government. The Local Focus Program is intended to deal with the same kinds of issues as in the Flagship seminar, but from the perspectives of local participants. Local participants come from the cities, districts, provinces, states and security forces where the program is held. Generally, the central government does not send people to participate in these programs. CCMR is capable of working in very modest, even austere, areas. Outcomes The goals and objectives of this seminar are much the same as with the Flagship program, but focused on local interests. At the end of the seminar participants will have a greater level of mutual understanding, knowledge and respect for the roles, missions and responsibilities that their organizations have in establishing and maintaining appropriate civil-military relations in a democratic political dispensation. At the end of the seminar participants prepare an Action Plan as a synthesis of their ideas and recommendations. The Plan is intended to serve as a guide to transform those ideas and recommendations into action. Participants Participants are selected by the host government and the American Embassy. Numbers can range from 40-80, with 60 being ideal. Half the total should be military with the other half composed of civilian and civil society. Rank and position depend on the specific country involved, but participation is more dependent on responsibility rather than rank. Time Frame Local Focus programs are normally scheduled following an initial Flagship seminar. In some cases they can be scheduled immediately following a preceding program. Surveys (MASL # P309073) are not generally required for Local Focus programs. Local Focus Programs usually require extra travel time and are therefore limited to three or four days. Faculty Teams Faculty is chosen based on the course requirements and normally consists of two facilitators, one with a military/practitioner background and the second with an academic background, both with extensive experience with and in Africa. Additionally, we often make use of host country facilitators to address particular issues requiring a greater understanding and depth of knowledge of local history. Translation Written materials for the course are prepared (usually at post) in the host country's language. Interpreter support may be required, depending on the language capability/fluency of the facilitators. Cost Funding for seminars can come from a variety of sources, (E)IMET and FMF being the most common. Costs (FY 09) for a five day seminar with two facilitators, in English, for 60 participants are roughly USD 55,000. Programs requiring translation of written materials and interpreters are roughly USD 60,000. These are planning figures only. Final costs for Local Focus Programs are generally less. Efforts are made to combine surveys (and seminars) with other activities in Africa to reduce costs to all concerned.

PRE-REQUISITE:

COURSE NOTES:

P309195	MET CMR	U	MET AFRICA NATIONAL SECURITY PLANNING	1w	VAR	
ECL:				**EIMET:**	Yes	

The purpose of this course is to discuss national security planning as both a process and a product. We examine national security policy, emphasizing the broad nature of "security" in today's world, the importance of a clearly articulated policy in driving roles and missions, force structure and resource requirements of the armed forces, and how a well considered national security policy can clearly define what it is that government wants the armed forces to do. We also discuss how government prepares such a policy, stressing the benefits of both an inclusive and transparent process. Finally, we identify the stakeholders and other interested parties in national security planning and the roles they can play in the formulation of a national security policy. Outcomes At the end of the seminar participants will have a greater level of mutual understanding, knowledge and respect for the roles, missions and responsibilities that their organizations have in formulating national security policy in particular and establishing and maintaining appropriate civil-military relations in general. The capstone exercise in the seminar is for the participants to prepare an outline of a national security policy and brief it to senior officials prior to the closing ceremony. Participants Participants are selected by the host government and the American Embassy. Numbers can range from 40-80, with 60 being ideal. Half the total should be military with the other half composed of civilian and civil society. Rank and position vary depending on the specific country involved, but participation is more dependent on responsibility rather than rank. Time Frame The seminar will normally take place over four to five work days. It requires approximately three months of preparation to deliver. Faculty Teams Faculty is chosen based on the course requirements and normally consists of two facilitators, one with a military/practitioner background and the second with an academic background, both with extensive experience with and in Africa. Additionally, we often make use of host country facilitators to address particular issues requiring a greater understanding and depth of knowledge of local history. Translation Written materials for the course are prepared (usually at post) in the host country's language. Interpreter support may be required, depending on the language capability/fluency of the facilitators. Cost Funding for seminars can come from a variety of sources, (E)IMET and FMF being the most common. Costs (FY 09) for a five day seminar with two facilitators, in English, for 60 participants are roughly USD 55,000. Programs requiring translation of written materials and interpreters are roughly USD 60,000. These are planning figures only. Final costs are generally less than estimated. Efforts are made to combine surveys (and seminars) with other activities in Africa to reduce costs to all concerned.

PRE-REQUISITE:

COURSE NOTES:

P309196	MTT EWL	U	MTT AMPHIB WARFARE INDOC	1w	VAR	
ECL:				**EIMET:**	No	

Amphibious Warfare Indoc MTT Resident course associated with this MASL is P124036.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309197	MTT EWL	U	MTT EXPED WARFR STAFF PLNG	1w	VAR	
ECL:				**EIMET:**	No	

EXPEDITIONARY WARFARE STAFF PLANNING MTT Resident course associated with this MASL is P124507.

PRE-REQUISITE:

COURSE NOTES:

P309198	MTT EWL	U	MTT MPF STAFF PLNG	1w	VAR	
ECL:				**EIMET:**	No	

Resident course associated with this MASL is P124125.

PRE-REQUISITE:

COURSE NOTES:

P309199	MTT EWL	U	MTT PEACE KEEPING STABILITY OPS	1w	VAR	
ECL:				**EIMET:**	No	

Resident course associated with this MASL is P173800.

PRE-REQUISITE:

COURSE NOTES:

P309201	MTT PAN	U	MTT JTAC/FAC	4w	VAR	
ECL:				**EIMET:**	No	

MTT is based on 2 weeks of academics which provides detailed instruction in the tactics, techniques, and procedures (TTP) for planning, coordinating, and executing joint fires in support of ground commander's scheme of maneuver with the main focus on Close Air Support (CAS). In addition, students will receive practical application exercises and 2 weeks of field training where they will develop and safely demonstrate the ability to conduct CAS/Fire Support planning, briefing, and execution. Purpose: Fulfill the minimum training required by the Joint CAS (JCAS) Action Plan Memorandum of Agreement (JCAS AP MOA) JTAC and or Standardization Agreement (STANAG 3797) Minimum Qualifications for Forward Air Controllers to enable Host Nation to complete certification of their respective JTACs/FACs. Team size: Minimum of 4 team members (Note: Field training requires a 3 to 1 Student to JTAC Instructor ratio during the live control phase).Class size: Optimum of 10 to 12 students. Special Note: MTT will be established on a case by case basis to mitigate the shortage of quotas at JTAC/FAC Schoolhouses and provide a train the trainer capability. Host Nation responsible for providing sufficient classroom, audio-visual equipment, copies of student workbook, range facility able to support Day/Night JTAC/FAC training with a combination of live and inert ordnance, CAS sorties: Plan for a minimum of 18 CAS missions per student, of which 4 must deliver live or inert ordnance, and 3 night. JTAC/FAC equipment: Communication, Laser Target Designator (LTD), Infra Red (IR) pointer, Night Vision Devices (NVD), Laser Range Finder (LRF), and Targeting - GPS, and Video Down Link (Rover).

PRE-REQUISITE: English is the language to be used, therefore students need adequate knowledge of and proficiency in the English language - NATO STANAG 6001 Level 3, test score 85 percent. The competency examination should be biased towards military, particularly JTAC/FAC terminology. Students need to have two years of fire support experience and be knowledgably in JP 3-09.3 and or ATP 3.3.2.1.

COURSE NOTES: (AIR NAT GUARD)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309204	MTT PETC	U	MTT BOAT OPS LVL III - SPECIALTY COXSWAIN SKILLS	2w	VAR	
ECL:				**EIMET:**	No	

This course can be offered as a general course to further advanced skills from the Level II course through additional underway time and scenario based training or can be offered to cover specific content designed to meet the need of the students' / units' assigned mission. The specific content of the course are based on the skills covered in the Level I and II course, but would be more focused on a particular mission and would require less actual instruction and more practice and critique. Here are two examples of the type of course this request would provide: General course - The requesting unit's primary mission is harbor defense and they would like to practice additional advanced maneuvers, shouldering, weapons employment and defensive maneuvers. ETC could develop and deliver a course that offered additional instruction on those skills and then provided scenario based training using scenarios that the unit may actually encounter during operations. Specialty course - Maritime Interdiction Operations require extensive small boat operations. On request, ETC could design a course using skills from the Level I and II course to cover such topics as approaching the target vessel and providing cover to the boarding team. Specific topics and course syllabus would be developed on a case-by-case basis. Special Notes: Class Size: Max - 20 students - 4 boats Min - 10 students - 2 boats Materials: PN provide: One operational boat per 5 students Fenders for the boats Life jackets for each student Pier facility for boats Training area of sufficient size to practice navigation Classroom of sufficient size to house the number of students attending ETC provide: Life jackets for instructors Training material Prerequisites can be waived with an assessment that determines the skill set of the students to be at the level required for the course.

PRE-REQUISITE: Students must meet minimum experience requirements. Minimum requirements for this course are skill sets described in the Small Boat Operations Level I and II courses. (MASLs: P309325 and P309302)

COURSE NOTES:

P309205	MTT PETC	U	MTT MARITIME EXPEDITIONARY OPERATIONS		VAR	
ECL:				**EIMET:**	No	

Expeditionary Warfare contains the skill sets essential to the defense of the littorals of any nation. ETC can provide instruction in any area of expertise that exists under the Navy Expeditionary Combat Enterprise (NECE). The Expeditionary Maritime Operations Course is designed to specifically tailor a skill set of the NECE that is not previously listed in this catalog into a course that will be delivered in Mobile Training Team format. Examples include, but are not limited to: Riverine Operations Naval Construction Explosive Ordnance Disposal Dive and Salvage Expeditionary Logistics United States Navy Skill Sets: On request, ETC can seek out sources within the United States Navy and assemble Mobile Training on any skill set that exists within the Unites States Navy. Examples include, but are not limited to: Search and Rescue Command and Control Shipboard Navigation Special Notes: Experience requirements are determined on a case by case basis. Any request that falls under either Expeditionary Maritime Operations or United States Navy Skill Sets will require extensive discussion between the requestor and ETC in order to ensure that the correct scope of the request is met and delivered.

PRE-REQUISITE:

COURSE NOTES:

P309206	MTT PETC	U	MTT EXPEDITIONARY COMBAT FIRST AID	1w	VAR	
ECL:				**EIMET:**	No	

This course teaches personnel the basics of providing immediate care that can save a casualty's life such as control bleeding, opening and managing airway restrictions and the treatment of chest trauma to control shock. The combat first aid course also teaches students how to assist the combat medic in providing care and preparing causalities for evacuation. Course provides the basic battlefield soldier with skills to provide immediate care. Special Notes: Required: Classroom with desks and chairs of sufficient size suitable for instruction.

PRE-REQUISITE:

COURSE NOTES:

P309207	MTT PETC	U	MTT COMMAND AND CONTROL LEADERSHIP (C2)	1w	VAR	
ECL:				**EIMET:**	No	

This course will provide mid-level leadership with the tools to successfully plan and execute tactical missions. Student will receive basic training on the components of Command and Control Leadership) to include basic procedures for development and implementation of a mission plan. Students will also receive basic training on contingency pre-planned response development, map and chart reading and the defense-in-depth concept. Course contents will be tailored to meet Partner Nation request and mission requirements. Special Notes: Student should be in a leadership position where they are responsible for planning and executing operations. Required: Classroom of sufficient size to house the number of students attending.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309208	DNWS-R017	U	MTT HAZARD PREDICTION & ASSESS CAPABILITY LEVEL 1	1w	VAR	
ECL:	70			**EIMET:**	No	

At the end of this course, participants will be able to:-Explain capabilities and limitations of HPAC.-Review, apply, and demonstrate source term functionality in HPAC.-Select and demonstrate the appropriate application of editor within HPAC.-Differentiate and develop results of HPAC calculations. Content:-Overview of HPAC and the HPAC Graphical User Interface (GUI).-Primers on chemical, biological, and nuclear radiological weapons.-Weather terms, definitions, data types, and the HPAC weather GUI.-Interpretation of HPAC analysis plots and tables.-Common HPAC warning and error messages.-Exercises on the various scenarios that can be modeled with HPAC, such as chemical/biological facility, chemical/biological/nuclear weapon incident, industrial chemical, radiological weapon, and missile intercept.

PRE-REQUISITE:

COURSE NOTES:

P309209	MTT PETC	U	MTT DIVE FAMILIARIZATION	1w	VAR	
ECL:				**EIMET:**	No	

Classroom and practical familiarization training in basic underwater evolutions and SCUBA (Self Contained Underwater Breathing Apparatus) dive fundamentals. All covered aspects prepare candidates for dive certification. ETC is not a dive certifying authority. Special Notes: Required: - Must have use of 25m-50m lane swimming pool (min 3m depth)- Each student must be equipped with mask, snorkel, and fins for training.- Students do not have to be dive certified but must be able to swim breast stroke and/or side stroke proficiently.- Students must meet physical requirements established between ETC and the requestor based on the difficulty of the tailored course.

PRE-REQUISITE:

COURSE NOTES:

P309210	MET ATM	U	MET AFRICA: STRAT FOR BUILD & SUSTAIN ACCT IN DRMS	1w	VAR	
ECL:				**EIMET:**	No	

Transparency is a central characteristic of all public resource management and decision making systems. This five day course examines the characteristics of procurement and other decision making systems that are defined by integrity, accountability and transparency. Public procurement is internationally recognized as the primary decision making system with opportunities for fraud and corruption. Objectives: The key themes of this course include: Accountability as the means to establish clear lines of responsibility in resource management and decision making processes. Transparency: Principle and Practice Transparency as a means of ensuring that policies, procedures and processes are understood Professionalism as a important component of individual and systemic performance Procurement competition and sourcing methodologies as tools to ensure that the best decisions are made as to what to buy and how to buy it Publicizing supportable decisions about the expenditure of the public budget Topics include: Transparency/Accountability Defined Characteristics of Transparent Systems Accountability: An Individual and Organizational Assessment Causes & Effects of Transparent Resource Management Systems Role of Government, Legislature and Ministries Case Study: Industry and Benefits of Transparency Introduction to Public Procurement Systems & Transparency Public Procurement Systems: A Case Study: Utopia Transparency in the Budget Process Individual & Group Ethics: Organizational Challenges Global Impact & Implications for Transparency and Accountability Learning methodologies include lecture, open discussion, in class exercises and case studies. Course participants are engaged to make the best decisions under difficult circumstances. Participants: This course is designed for international military officers and civilian equivalents of grades 04-06 who are involved in procurement or other decision making systems. Course Dates: The course is exported and customized given a countries specific requirements.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309211	MET CMR	U	MET GPOI/CCMR SENIOR MISSION LEADERS COURSE (SML)	2w	VAR	
ECL:				**EIMET:**	Yes	

CCMR is conducting a SML as part of its ongoing GPOI program activities. The conduct of the GPOI / CCMR SML will be based on the DPKO run SML course. This paper provides outline concept of the CCMR SML including course aims/objectives, the mentoring system, target audience and conduct. Conduct The SML course will be conducted in a GPOI participating country as a MET. The participants will be from other GPOI participating countries world-wide. Aim of the SML Training The aim of the SML course is to prepare current and potential senior mission leaders in the role and responsibilities of senior leaders in complex peacekeeping operations to plan, prepare, manage and direct UN peacekeeping operations, in order to effectively fulfill their mandates. Training Outcome The course will contribute to capacity building for troop contributing countries. Participants will be prepared for appointment as future senior mission leaders for DPKO field missions. On completion of the course, participants are expected to be competent in the knowledge, skills and attributes required to lead DPKO Missions. Training Objectives The GPOI/CCMR SML will enhance capacities of GPOI participating nations by developing UN senior leadership capabilities and increase the number of trained leaders available for selection to leadership posts in DPKO peacekeeping missions The specific objectives of the SML course are to: a. Prepare up to 24 senior mission leaders. b. Ensure understanding of the importance of Cooperation, Coordination, Communication, Consensus and Integration for effective functioning of the mission Senior Leadership Team (SLT). c. Develop awareness and understanding of the capabilities and limitations of the various components of complex peacekeeping operations. d. Enhance understanding of the underpinning legal framework of UN peace operations and the attendant Integrated Mission Planning Process. e. Create a common understanding of the UN system and various agencies in the field including aspects of strategic coordination. f. Ensure understanding of the responsibilities and roles of the SLT to effectively lead personnel employed in peacekeeping operations. g. Enhance understanding of the importance of addressing various cross-cutting issues to include Gender and the implementation of SCR 1325, Code of Conduct & Discipline, Sexual Exploitation and Abuses (SEA), etc, through sound leadership and administration. Course Conduct The duration of the course will be 10 working days. The training methodology will include presentations from senior SME/mentors in conjunction with mentored Group discussions. The focus of the group discussions will be problem solving based on a fictitious peacekeeping operations scenario. Course Facilitators/Staff The resource staff for the planned SML will consist of Course Secretariat and mentoring team. The successful delivery of the SML course is dependent on the utilization of senior mentors. GPOI / CCMR aims at a diverse participant composition (military / police / civilian) and the mentor team must as such be equally diverse. The mentor staffs are either retired or serving senior staff with extensive mission experience. To deliver individual modules, CCMR will work to include SME from UN agencies, field missions, HQ staff and academic institutions. Participants The optimum course participant strength is 24 (twenty four) participants. These participants will be identified among GPOI participating countries world-wide. GPOI / CCMR will also invite DPKO to participate with up to 4 participants from current field missions. These participants are expected to enrich syndicate discussions and understanding of content, and provide a current flair to the course. Participant rank or grade should be equivalent to minimum of Brigadier General or equivalent. Previous Peacekeeping experience is desirable. The optimum course panel aims to provide both gender and component (military, police and civilian) parity.

PRE-REQUISITE:

COURSE NOTES:

P309212	MTT PMC	U	MTT CROSS SERVICE	1w	VAR	
ECL:				**EIMET:**	No	

MTT Cross Service Purpose: to account for MTTs that are not purely USMC teams, but that may include members from other Services.

PRE-REQUISITE:

COURSE NOTES:

P309213	MTT PCG	U	MTT INTL SHIP&PORT FAC (ISPS) CODE IMPL SEMINAR	0w	VAR	
ECL:				**EIMET:**	No	

This seminar will introduce IMS's to basic strategies to implement the ISPS Code in a port with specific emphasis on physical security and port vulnerability assessments designed to establish and maintain effective anti-terrorism measures at ports. This seminar will better enable U.S. maritime trading partners to bring ports into compliance with international security requirements. Specific topics to be covered include access control, port facility security assessments, port facility security plans (PFSP), restricted areas, handling of cargo, monitoring of the facility, security levels, declarations of security, auditing and review of PFSPs, security training, drills and exercises. Classroom instruction is reinforced through practical exercises. Participants complete a physical security survey and port vulnerability assessment of their port and design security measures to mitigate identified threats. Target Audience: Host nation participants should typically consist of members from the Port Authority, Navy, Police Force or other organizations (military, government and non-government) with port security responsibilities. USCG can provide recommendations to the Embassy on the appropriate host nation audience. Note: The CONUS International Ship and Port Facility Code Implementation Seminar (P179086) may be scheduled following this OCONUS seminar.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309214	MTT PAG	U	MTT AWS/RSC CONSOLE FAMILIARIZATION	1w	VAR	
ECL:				**EIMET:**	No	

Provide refresher training in basic console operations to all CIC watch standers. Provide refresher training in RSC console operations and functionality. Requirements: AWS and RSC Console Operators CIC/Combat System configured for training Computer Aided Submode Training (CAST) Tactical Team Coordinated Training (TTCT) Scenarios Target audience: All AWS and RSC console operators

PRE-REQUISITE:

COURSE NOTES:

P309215	MET POO	U	MET CT COUNTER TERRORIST FINANCING (CFT)	1w	VAR	
ECL:				**EIMET:**	No	

MOBILE EDUCATION TEAM COUNTER TERRORISM FINANCING (CFT)

PRE-REQUISITE:

COURSE NOTES:

P309216	MTT PGAT	U	MTT RADAR WAVEFORMS: PROP, ANALYSIS, DESIGN, & APP	0.6w	VAR	
ECL:	70			**EIMET:**	No	

Understand radar waveforms and the tools necessary to analyze, design, and select them for particular applications. Examine waveform properties using graphics, equations, demonstrations, and an interactive software tool. Get insight into techniques for analyzing and designing waveforms based on fundamental waveform properties and the desired application. Learn the impact of error sources and hardware/system limitations on performance as well as the impact of radar mode on waveform selections. Notes: Who should attend: Course is for Engineers and Scientists.

PRE-REQUISITE:

COURSE NOTES:

P309220	MTT PWCL	U	MTT AIM 9 SIDEWINDER (MAINTENANCE)	2w	PWCL	China Lake, CA
ECL:	70			**EIMET:**	No	

The "I" level training course provides, missile theory of operation and maintenance, SE requirements and capabilities, classroom briefing on each missile component , technical manual familiarization, Hands on test equipment operational use, missile assembly and disassembly to include receiving inspection. Course is taught only at the unclassified level outside United States. (China Lake MASL # P196015 is the actual course to be taught as an MTT)

PRE-REQUISITE:

COURSE NOTES:

P309221	MTT PWCL	U	MTT AIM 7 (SPARROW) OPERATOR/MAINTAINER	2w	PWCL	China Lake, CA
ECL:	75			**EIMET:**	No	

This course is same as MASL P196005, Missile Test Set Operator/Maintainer Course except that it is to be taught as an MTT Note that this course does not include calibration. Description for P196005:Training includes the following: a. Test Set Orientation 1. System Introduction 2. Major Components 3. Technical Manuals b. Preparation for Operation 1. Test Set Accessories 2. Test Set Controls and Indicators 3. Self-Test Configuration Procedures 4. Emergency Shutdown Procedures 5. Test Set Self-Test Procedures, Maintenance Philosophy and Functional Operation c. AN/DSM-156D Test Set Theory 1. Functional Description 2. AC/DC Power Distribution 3. Computer Signal Flow 4. Manual Control Circuit Signal Flow 5. Front Panel Interfaces Signal Flow 6. UUT Select and Control Circuits 7. X-Band RF and Control Circuits 8. Signal Processor Circuits 9. Analog Select and Control Circuits 10. Active Fuze Processor 11. Hydraulic/Pneumatic Unit Theory of Operation 12. Remote Unit Theory of Operation Equipment on which training is to be conducted and availability: AN/DSM-156 Test Set, Missile (AUR and GCS); Pubs/Basic hand-tools. Trainer is Mr. Mark Knowles of Point Mugu, California.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309222	MTT PETC	U	MTT DIESEL ENGINE MAINTENANCE	2w	VAR	
ECL:				**EIMET:**	No	

MTT DIESEL ENGINE MAINTENANCE This course familiarizes students on design, construction, and maintenance of diesel engines through, preventive maintenance, and identifying and correcting potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics will include diesel engine maintenance, intake, and exhaust system and components, cooling system operation, lubrication system and component identification, and engine electrical systems, troubleshooting and techniques and procedures. Requirements: - Classroom with desks and chairs and sufficient size suitable for instruction.- One operational diesel engine and appropriate tools and materials to conduct maintenance and repairs. MCAST SFA DET will provide: -Training Material

PRE-REQUISITE:

COURSE NOTES:

P309224	A-062-0503	U	MTT STRATEGIC LEVEL SM CRAFT COMBTG TERR (SLSCCBT)	2w	VAR	
ECL:				**EIMET:**	No	

MTT-STRATEGIC LEVEL SM CRAFT COMBTG TERR (SLSCCBT)THIS IS THE 2 WEEK MTT PORTION OF THIS COURSE Purpose: The strategic level CbT small craft course will enable graduates to better command and control, organize, and lead their maritime units trained in operations and maintenance level courses offered by NAVSCIATTS and other international maritime training courses. This senior course will enhance the operability and interoperability of partner nation maritime units and fill the gap in CbT focused education for officers (04-06) who may perform duties as unit CO, XO, or OPS. The COI will provide a strategic and systematic overview of small craft unit organization; employment; and sustain leadership, and see hoe the concurrent NAVSCIATTS Patrol Craft Officer Courses conduct operations designed for junior personnel. Senior course students will see firsthand the rigorous training, selection procedures, and sustainment training integral to conducting CbT maritime missions. The methodology developed for this course will add the critical missing dimension to the spectrum of small craft maritime CbT studies and will be of particular value developing enduring international partnerships and relationships across militaries and the United States Government. Scope: The Strategic Level Small Craft Combating Terrorism (SLSCCbT) course is a four week long in-resident training course a two week MTT delivered course designed to educate senior leadership CO (0-6), XO (0-5), and Ops (0-4) equivalent partner nation officers on strategic theory of standing up, leading, and operating a small craft unit focused on combating terrorism, counter drug and interdiction, and human trafficking.

PRE-REQUISITE:

COURSE NOTES:

P309226	MET CMR	U	MET CMRT: MEDIA DYNAMICS & PUBLIC AFFAIRS	1w	VAR	
ECL:				**EIMET:**	Yes	

Civil-Military Responses to Terrorism: Media Dynamics and Public Affairs Exportable on demand to all IMET and CTFP recipient countries. The intended audience is mid- to senior-level civilian officials (typically from Ministries of Defense, Interior, Justice, or Foreign Affairs) and military officers (O-5/O-6). This program is not about how the United States fights terrorism; rather it is designed to assist participating officials make better decisions about how their own governments fight terrorism. The key objectives of the course are to provide instruction, discussion, case studies, and classroom exercises (if desired) to:1) Thoroughly understand the central role of the contemporary Media in both Terrorism and government efforts to combat it.2) Integrate Public Affairs methods into all Combating Terrorism strategies. 3) Discuss the role of Public Diplomacy in defeating Terrorism.4) Identify and examine the most effective messages and their audiences for government information campaigns.5) Conduct a practical exercise on government media operations. This course can be taught to either single country or regional audiences of between 30 to 45 participants. CCMR tailors each of its programs to the specific conditions, constraints, and requirements of the selected audience. This program is five days long and is focused on the strategic level. Included in the seminar, which relies heavily on discussion, is a tabletop exercise on strategy development, several case studies that extract the lessons learned and best practices of selected governments, and individual country presentations from the participants. Faculty Teams CCMR task-organizes each team to meet the specific requirements of individual courses. As a general rule, faculty teams consist of three world-class subject matter experts drawn, from civilian, academic, or military backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309227	MET CMR	U	MET CMRT: BORDER SECURITY	1w	VAR	
ECL:				**EIMET:**	Yes	

Civil- Military Responses to Terrorism: Border Security Exportable on demand to all IMET and CTFP recipient countries. The intended audience is mid-to senior level civilian officials (typically from Ministries of Defense, Interior, Justice, or Foreign Affairs) and military officers (O-5/O-6). This program is not about how the United States fights terrorism; rather it is designed to assist participating officials make better decisions about how their own governments fight terrorism. CCMR has conducted Border Security seminars in several regions and has wide expertise in this area. The key objectives of the course are to provide instruction, discussion, case studies, and classroom exercises (if desired) to:1) Thoroughly understand border security challenges as one of the most important components of Combating Terrorism strategy.2) Apply conceptual understanding to national and regional border issues. 3) Identify institutions with border security responsibilities, including maritime institutions, matching them with Combating Terrorism roles.4) Discuss interagency and regional approaches to border security. Using a workshop format, identify collective measures regional governments can implement for successful border security.5) Identify Measures of Effectiveness in managing border security.6) Discuss how governments can build capacity in their border security institutions. This course can be taught to either single country or regional audiences of between 30 to 45 participants. CCMR tailors each of its programs to the specific conditions, constraints, and requirements of the selected audience. This program is five days long and is focused on the strategic level. Included in the seminar, which relies heavily on discussion, is a tabletop exercise on strategy development, several case studies that extract the lessons learned and best practices of selected governments, and individual country presentations from the participants. Faculty Teams CCMR task-organizes each team to meet the specific requirements of individual courses. As a general rule, faculty teams consist of three world-class subject matter experts drawn, from civilian, academic, or military backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.

PRE-REQUISITE:

COURSE NOTES:

P309228	MET CMR	U	MET CYBER TERRORISM AND INFORMATION WARFARE	1w	VAR	
ECL:				**EIMET:**	Yes	

Cyber Terrorism and Information Warfare Exportable on demand to all IMET and CTFP recipient countries. The intended audience is mid- to senior-level civilian officials (typically from Ministries of Defense, Interior, Justice, or Foreign Affairs) and military officers (O-5/O-6). This program is not about how the United States fights terrorism; rather it is designed to assist participating officials make better decisions about how their own governments fight terrorism. Cyber Warfare and Information Warfare encompass a broad domain within the field of 'Information Operations' and need to be studied holistically. The key objectives of the course are to provide instruction, discussion, case studies, and classroom exercises (if desired) to:1) Provide a knowledge advantage at the strategic-operational seam where Cyber Warfare and Information Warfare concepts can be turned into operational and organizational action.2) Integrate Cyber Terrorism threats into a broader understanding of contemporary transnational challenges. 3) Investigate how governments can counter Cyber threats using civilian and military tools such as Information Warfare.4) Bring together regional partners to discuss Cyber Warfare and Information Warfare lessons-learned and best practices. This course can be taught to either single country or regional audiences of between 30 to 45 participants. CCMR tailors each of its programs to the specific conditions, constraints, and requirements of the selected audience. This program is five days long and is focused on the strategic level. Included in the seminar, which relies heavily on discussion, is a tabletop exercise on strategy development, several case studies that extract the lessons learned and best practices of selected governments, and individual country presentations from the participants. Faculty Teams CCMR task-organizes each team to meet the specific requirements of individual courses. As a general rule, faculty teams consist of three world-class subject matter experts drawn, from civilian, academic, or military backgrounds. Translation This course is taught in English. When necessary, and with prior coordination, this course can be delivered with simultaneous interpretation.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309229	MTT PCG	U	MTT SAROPS PHASE I: PRE-INSTALL TECH ASSESSMENT	1w	VAR	
ECL:				**EIMET:**	No	

Search and Rescue Optimal Planning System (SAROPS), the next generation of software for the USCG's national search and rescue operations. SAROPS uses a sophisticated, cutting-edge animated simulation model to project where floating persons or objects might be located. It allows the search planner to define the scenario; to access environmental data such as winds and water currents patterns, to compute drift trajectories, to estimate effective sweep widths, to predict survival times; to simulate environmental hazards; and to develop near optimal search plans, given the amount of resources available. SAROPS installation and training occurs in 3 distinct phases. Phase I (P309229)Pre-Installation Technical Assessment Subject matter expert team visit to determine if host nation has the hardware and support requirements necessary to install the SAROPS program. Technicians and program experts will also assist host nation determine the potential number of locations for installation or optimal configuration for a central SAR Operations Center. Duration: 2-5 days Target Audience: Maritime SAR policy planners within the national maritime SAR organization, and IT personnel that develop and support command and control systems. Phase II (P309230)SAROPS Installation Installation of the software in pre-determined locations and follow-on technical assistance to ensure system is operating effectively. Duration: 1-2 weeks Target Audience: Command center supervisors who will oversee SAR controllers, and IT personnel who will maintain the hardware and software systems upon which the SAROPS system runs. Phase III (P309231)Technical Assistance and Operational Training Follow-on "over the shoulder" technical assistance and on-site training provided to ensure maximum usage of software and assist host nation to add additional users to the system. Successful installation and operation will depend on having a core group of SAR planners present who have successfully completed USCG resident Maritime Search and Rescue Planning (P173100). This core group assists with instruction during lectures and laboratory sessions, including translating between English and the host nation language. Duration: 1-2 weeks Target Audience: SAR controllers (those who will use the system to plan and coordinate maritime SAR cases at the command center level). Note: (applicable to all phases): o Pre-requisite hardware and software technical requirements necessary to install the SAROPS system are on Pages VI-58-59.o SAROPS Phase I (P309229) and SAROPS Phase II (P309230). Class participants must have a basic understanding of maritime SAR planning and must be literate on the computer systems that support the SAROPS system. At a minimum, the IMS's must have an understanding of Microsoft XP and Internet Explorer 6.0.Search and Rescue Optimal Planning System (SAROPS) Pre-requisite Hardware HARDWARE REQUIREMENTS:A computer system is required with sufficient capacity to house and effectively run both the base graphical user interface and SAROPS software. The hardware is dependent on the configuration chosen by each nation for the use of SAROPS. SAROPS can be housed locally in standalone configuration or by a using a remote sever application. Computer system specifications for selected configurations will be provided by the USCG. Basic hardware requirements must be satisfactory for operating ESRI ArcMap; this will also be satisfactory for operating SAROPS. ESRI advises Hardware Requirements as follows:--CPU Speed: 1.6 GHz recommended or higher --Processor: Intel Core Duo, Intel Pentium or Intel Xeon Processors --Memory/RAM: 1 GB minimum, 2 GB recommended or higher (If using the ArcSDE Personal Edition for Microsoft SQL Server Express software, 2 GB of RAM is required.) --Display Properties: Greater than 256 color depth --Screen Resolution: 1024 x 768 recommended or higher at Normal size (96dpi) --Swap Space: Determined by the operating system, 500 MB minimum --Disk Space: 1.2 GB --Disk Space Requirements: In addition, up to 50 MB of disk space may be needed in the Windows System directory (typically C:\Windows\System32). You can view the disk space requirement for each of the 9.2 components in the Setup program--Microsoft VISTA users: REQUIRES ArcGIS 9.2 SP4 minimum SOFTWARE REQUIREMENTS: System and common software. Must have at minimum the computer operating system installed; Microsoft Windows XP with SP2. Internet Explorer 6 or above is also required; this typically is included if the computer has Windows XP with SP2. For standalone PCs the operating system software frequently comes packaged with the hardware and preloaded. ESRI ArcGIS software. ArcGIS software is required as the Geographic Information System base on which SAROPS runs as an extension. This software is available commercially and must be purchased by international partners. The current specific software includes:1) ArcGIS 9.2 with ArcGIS SP4. May be ArcEditor install (ArcInfo is a higher requirement)2) Military Analyst for 9.2 with MA 9.2 SP13) MOLE TM 9.2 (optional but recommended)Environmental Data Server. SAROPS was designed to effectively use higher resolution gridded environmental data products to provide superior accuracy in search object drift. To make use of these products an Environmental Data Server (EDS) is needed. EDS is software that requires a hardware platform; this may be the same as the platform for SAROPS if sufficient capacity is available on that hardware. This software is available commercially and may be purchased by international partners. Two options for EDS service are available:1) Host nation may choose to develop their own EDS; either with their own resources or with Applied Science Associates (ASA), the contractor that developed the USCG EDS. EDS operation requires a significant amount of IT infrastructure, follow-on maintenance and updates2) Host nation may choose to contract for EDS data through a subscription service to an EDS maintained by a commercial source such as ASA

PRE-REQUISITE: All 3 phases are required to successfully complete installation and implementation of SAROPS.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309230	MTT PCG	U	MTT SAROPS PHASE II: SOFTWARE INSTALLATION	2w	VAR	

ECL: **EIMET:** No

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Technicians and program experts will also assist host nation determine the potential number of locations for installation or optimal configuration for a central SAR Operations Center. Duration: 2-5 days Target Audience: Maritime SAR policy planners within the national maritime SAR organization, and IT personnel that develop and support command and control systems. Phase II (P309230)SAROPS Installation Installation of the software in pre-determined locations and follow-on technical assistance to ensure system is operating effectively. Duration: 1-2 weeks Target Audience: Command center supervisors who will oversee SAR controllers, and IT personnel who will maintain the hardware and software systems upon which the SAROPS system runs. Phase III (P309231)Technical Assistance and Operational Training Follow-on "over the shoulder" technical assistance and on-site training provided to ensure maximum usage of software and assist host nation to add additional users to the system. Successful installation and operation will depend on having a core group of SAR planners present who have successfully completed USCG resident Maritime Search and Rescue Planning (P173100). This core group assists with instruction during lectures and laboratory sessions, including translating between English and the host nation language. Duration: 1-2 weeks Target Audience: SAR controllers (those who will use the system to plan and coordinate maritime SAR cases at the command center level). Note: (applicable to all phases): o Pre-requisite hardware and software technical requirements necessary to install the SAROPS system are on Pages VI-58-59.o SAROPS Phase I (P309229) and SAROPS Phase II (P309230). Class participants must have a basic understanding of maritime SAR planning and must be literate on the computer systems that support the SAROPS system. 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EDS is software that requires a hardware platform; this may be the same as the platform for SAROPS if sufficient capacity is available on that hardware. This software is available commercially and may be purchased by international partners. Two options for EDS service are available:1) Host nation may choose to develop their own EDS; either with their own resources or with Applied Science Associates (ASA), the contractor that developed the USCG EDS. EDS operation requires a significant amount of IT infrastructure, follow-on maintenance and updates2) Host nation may choose to contract for EDS data through a subscription service to an EDS maintained by a commercial source such as ASA

PRE-REQUISITE: P309229 (SAROPS Phase I: Pre-Installation Technical Assessment).All 3 phases are required to successfully complete installation and implementation of SAROPS.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309231	MTT PCG	U	MTT SAROPS PHASE III: TECH ASSISTANCE & OP TRNG	2w	VAR	
ECL:				**EIMET:**	No	

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ESRI advises Hardware Requirements as follows:--CPU Speed: 1.6 GHz recommended or higher --Processor: Intel Core Duo, Intel Pentium or Intel Xeon Processors --Memory/RAM: 1 GB minimum, 2 GB recommended or higher (If using the ArcSDE Personal Edition for Microsoft SQL Server Express software, 2 GB of RAM is required.) --Display Properties: Greater than 256 color depth --Screen Resolution: 1024 x 768 recommended or higher at Normal size (96dpi) --Swap Space: Determined by the operating system, 500 MB minimum --Disk Space: 1.2 GB --Disk Space Requirements: In addition, up to 50 MB of disk space may be needed in the Windows System directory (typically C:\Windows\System32). You can view the disk space requirement for each of the 9.2 components in the Setup program--Microsoft VISTA users: REQUIRES ArcGIS 9.2 SP4 minimum SOFTWARE REQUIREMENTS: System and common software. Must have at minimum the computer operating system installed; Microsoft Windows XP with SP2. Internet Explorer 6 or above is also required; this typically is included if the computer has Windows XP with SP2. For standalone PCs the operating system software frequently comes packaged with the hardware and preloaded. ESRI ArcGIS software. ArcGIS software is required as the Geographic Information System base on which SAROPS runs as an extension. This software is available commercially and must be purchased by international partners. The current specific software includes:1) ArcGIS 9.2 with ArcGIS SP4. May be ArcEditor install (ArcInfo is a higher requirement)2) Military Analyst for 9.2 with MA 9.2 SP13) MOLE TM 9.2 (optional but recommended)Environmental Data Server. SAROPS was designed to effectively use higher resolution gridded environmental data products to provide superior accuracy in search object drift. To make use of these products an Environmental Data Server (EDS) is needed. EDS is software that requires a hardware platform; this may be the same as the platform for SAROPS if sufficient capacity is available on that hardware. This software is available commercially and may be purchased by international partners. Two options for EDS service are available:1) Host nation may choose to develop their own EDS; either with their own resources or with Applied Science Associates (ASA), the contractor that developed the USCG EDS. EDS operation requires a significant amount of IT infrastructure, follow-on maintenance and updates2) Host nation may choose to contract for EDS data through a subscription service to an EDS maintained by a commercial source such as ASA

PRE-REQUISITE: P309229 (SAROPS Phase I: Pre-Installation Technical Assessment), P309230 (SAROPS Phase II: Software Installation) and at least 1-2 students that have completed P173100 (SEARCH AND RESCUE, (SAR) MARITIME PLANNING).Pre-requisite: All 3 phases are required to successfully complete installation and implementation of SAROPS.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309232	MTT PCG	U	MTT PORT SECURITY BEST PRACTICES WORKSHOP	0w	VAR	
ECL:				**EIMET:**	No	

This workshop is designed to begin a dialog on private-public sector partnership, foster effective inter-agency coordination and information sharing, increase security awareness of common challenges faced internationally, and strengthen International Ship and Port-Facility Security (ISPS) Code implementation. This specialized seminar is tailored to individual host nation requirements and introduces participants to various port physical security measures and practices, as well as the concept of a port security survey. Topics covered include: USCG and International Port Security (IPS) program overview, maritime threats, risk assessment and management, case studies, maritime crisis management, container inspection, port facility mock audit, drills and exercise over-view, table top exercise, public-private sector partnership in port security access control/physical security and small vessel threat. The seminar assists host nations to build effective inter-agency coordination through discussion, drills and table top exercises. It provides an opportunity for host nations to share their experiences and common methodologies. Therefore host nations are encouraged to make presentations to set the stage for workshop discussions. Target Audience: Participants would typically consist of members from the Port Authority, Customs, Coast Guard, Border Guard, Navy, Police Force or other organizations (military, government and non-government) with port security responsibilities.

PRE-REQUISITE:

COURSE NOTES:

P309233	MTT PCG	U	MTT EMERGENCY OPERATIONS CENTER (EOC)	1w	VAR	
ECL:				**EIMET:**	No	

This course describes the role, design, and functions of Emergency Operations Centers (EOC) and their relationships as components of a multi-agency coordination system. The course contains disaster-related examples, activities and case studies that relate to EOCs and multi-agency coordination systems at the local, state and federal levels of government. Sample Syllabus is on Page VI-27.After completion of this training, the IMS will be able to: Describe the role that EOCs play in overall multi-agency coordination Describe the relationship between the EOC and the on-scene Incident Command System (ICS) structure Identify staffing, information, systems, and equipment needs at the EOC Determine whether participants' EOC organizations are conducive to effective coordination Identify potential alternate locations suitable for EOC operations should the primary EOC facility become damaged or inoperable Create a test, training and exercise plan for critical EOC operations Develop a strategy and schedule for reviewing EOC resource requirements and technology needs Class Size: Maximum: 24 students Minimum: 16 students Instructors: 4 Target Audience: Persons involved with emergency planning, and response or recovery efforts. A multi-agency audience will be able to effectively communicate in a simulated incident that supports role playing and identifies the most efficient employment of resources. With the right audience, this course will build the foundation for interagency coordination.

PRE-REQUISITE: Maritime Crisis Management/Incident Command System 100/210/300 (P319119)

COURSE NOTES:

P309234	MTT PCG	U	MTT INCIDENT RESPONSE PLANNING (ICS-341)	1w	VAR	
ECL:				**EIMET:**	No	

This course presents the concepts, principles and protocols of the Planning Section in an established Incident Command System (ICS) and will familiarize IMS's with the mechanics of planning activities in support of an incident. This course will culminate in an exercise that will require IMS's to work from an initial response through one full planning cycle. Sample Syllabus is on Page VI-29.After completion of the training, the IMS's will be able to: Identify the features and responsibilities of a Unified Commando Identify the primary meetings facilitated by the Planning Section Chief Participate in an Initial Incident Briefing and evaluate Incident Objectives Determine the roles and responsibilities of all involved in the meetings facilitated by the Planning Section Chief Create a Situation Unit Display Create a Resource Display Conduct a Tactics Meeting, Planning Meeting, and Operations briefing Develop an Incident Action Plan timeline and assemble the final Incident Action Plan Class Size: Maximum: 24 students Minimum: 16 students Instructors: 3Target Audience: Persons involved with emergency planning, and response or recovery efforts. A multi-agency audience will be able to effectively communicate in a simulated incident that supports role playing and identifies the most efficient employment of resources. With the right audience, this course will continue to build the foundation for interagency coordination, and will contribute significantly to more effective regional cooperation.

PRE-REQUISITE: Maritime Crisis Management/Incident Command System 100/210/300 (P319119).

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309235	MTT PCG	U	MTT LIVING MARINE RESOURCE ENFORCEMENT ASSESSMENT	1w	VAR	
ECL:				**EIMET:**	No	

Living Marine Resource Enforcement Assessment Description: This Assessment will determine the capacity of the host nation to conduct fisheries enforcement. Elements essential to successful enforcement efforts include but are not limited to the knowledge of Living Marine Resources (LMR) capacity or details of the fishery, the management system in place, the enforcement assets and authorities, international fisheries engagement and the existence of a robust and sustainable training program. Illegal, Unregulated and Unreported (IUU) fishing leads to overexploitation, further depressing fishery yields. IUU fishing also creates social conflicts, including competition for fishing grounds, exploitation of cheap labor and jeopardizing food security. IUU fishing vessels are willing to take greater risks than licensed vessels, creating very poor social conditions for fishermen. IUU fishing vessels are rarely concerned with their environmental impacts. The resources and competencies needed to conduct LMR enforcement operations are the same as those needed to conduct ANY law enforcement activity. To conduct at sea boarding's you need an asset, the skills to operate and repair it and a boarding team with basic boarding knowledge and skills. The difference is in the specific laws or regulations being enforced, boarding officer authority, and the techniques utilized to document that law or regulation. A review of LMR programs is essential in developing a tailored training program that will lead to improved Monitoring Control and Surveillance (MCS). A review of LMR programs will evaluate the following elements:"LMR Capacity: Determine the composition of the countries fishing capacity, focus of efforts, and catch statistics "LMR Management: Gain an understanding of the LMR management system utilized to include the conservation and management measures, regulatory process and adjudication process "International LMR: Determine whether the host nation is a participant in relevant international agreements and Regional Fisheries Management Organizations (RFMO). Determine their awareness, understanding and obligations under relevant international obligations. Determine if any foreign assistance has been received and to what extent/level "LMR Enforcement: Gain an understanding of the LMR enforcement system in place and utilized including the responsible agencies, assisting agencies, personnel, facilities, assets and resources available "LMR Enforcement Training Program: Determine the extent to which the host nation has a program in place. Determine the overall capabilities of the host nation to conduct training including facilities, personnel, funding and other resources. Determine the target audience, such as managers, supervisors, enforcement, or industry/fishermen Target Audience: Initial audience should include Judge Advocate General (JAG) officers or legal equivalents responsible for maritime legal execution, maritime, and fisheries officials. Follow-on audience: Boarding officers, arresting officials, administering officials for all maritime-based potential criminal activity. Civilian government officials may be necessary to successful completion of this assessment.

PRE-REQUISITE:

COURSE NOTES:

P309236	MTT PCG	U	MTT PRE-DEPLOYMENT SITE SURVEY (PDSS)	1w	VAR	
ECL:				**EIMET:**	No	

The Pre-Deployment Site Survey (PDSS) will determine the support requirements for a specific follow-on scheduled training event in country. This PDSS should be requested by the host nation prior to a scheduled follow-on training mission. Team Composition: 2 -3

PRE-REQUISITE: Identification of mission areas requiring review.

COURSE NOTES:

P309237	MTT PCG	U	MTT PORT FACILITY SECURITY AUDITS SEMINAR	0w	VAR	
ECL:				**EIMET:**	No	

This seminar introduces IMS's to basic principles of conducting port security audits in order to better enable U.S. maritime trading partners to bring ports into compliance with international security requirements, specifically the International Ship and Port Facility Security (ISPS) Code. Specific topics to be covered include access control, port facility security assessments (PFSAs), port facility security plans (PFSPs), restricted areas, handling of cargo, monitoring of the facility, security levels, declarations of security, audit and review of PFSPs, security training, drills and exercises. Classroom instruction is reinforced through practical exercises. Participants participate in mock or actual port security audits for their port resulting in an objective assessment of how effectively mandatory security practices are being implemented and administered. Target Audience: Participants would typically consist of representatives of the host nation's Designated Authority for ISPS Code implementation. Other participants could include members from the Port Authority, Navy, Police Force or other organizations (military, government and non-government) with port security responsibilities. The USCG can provide recommendations to the Embassy on the appropriate host nation audience.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309238	MTT PCG	U	MTT ISPS CODE DRILLS & EXERCISES SEMINAR	0w	VAR	
ECL:				**EIMET:**	No	

This seminar introduces IMS's to basic strategies to develop and conduct drills and exercises in accordance with requirements set forth in the International Ship and Port Facility Security (ISPS) Code. This seminar will better enable U.S. maritime trading partners to bring ports into compliance with international security requirements. Specific topics to be covered include drill and exercise design, identification of objectives, scenario development, exercise frequency and documentation, utilization of lessons learned and integration of all agencies with port security responsibilities. Classroom instruction is reinforced through practical exercises. Participants will develop a security drill and/or exercise plan for their port and depending on individual host nation needs, conduct a tabletop security exercise. Target Audience: Participants would typically consist of representatives of the host nation's Designated Authority for ISPS Code implementation. Other participants could include members from the Port Authority, Navy, Police Force or other organizations (military, government and non-government) with port security responsibilities. The USCG can provide recommendations to the Embassy on the appropriate host nation audience.

PRE-REQUISITE:

COURSE NOTES:

P309239	MTT PCG	U	MTT PORT SEC RISK ASSESSMENT TOOL (PSRAT) SEMINAR	0w	VAR	
ECL:				**EIMET:**	No	

This seminar introduces IMS's to basic concepts and principles of risk management with the ultimate goal of establishing a formal mechanism for risk assessment in ports. This seminar will better enable U.S. maritime trading partners to bring ports into compliance with international security requirements. Participants will develop skills to assess critical security risks and identify targets within their ports. Specific topics to be covered include consequence, threat, maritime domain awareness/intelligence, and vulnerability. Classroom instruction is reinforced through practical exercises. Participants are provided with instruction on the use of and access to the Port Security Risk Assessment Tool (PSRAT). Target Audience: Participants would typically consist of representatives of the host nation's Designated Authority for ISPS Code implementation. Other participants could include members from the Port Authority, Navy, Police Force or other organizations (military, government and non-government) with port security responsibilities. The USCG can provide recommendations to the Embassy on the appropriate host nation audience.

PRE-REQUISITE:

COURSE NOTES:

P309240	MTT PCG	U	MTT RESCUE SWIMMER ASSESSMENT	2w	VAR	
ECL:				**EIMET:**	No	

To evaluate and test candidates for United States Coast Guard Aviation Survival Technician (AST) A School (also known as the Rescue Swimmer program, TMASL P116036). It is held in the host nation and includes a brief on the USCG AST program, an evaluation of host country's current program, testing of potential AST A School candidates, out briefs with the host nation Command and recommendations for which students may be allowed to attend follow on training in AST A School. Purpose: AST A school is an extremely demanding physical course of instruction and has a high attrition rate by USCG and international students alike. In an effort to increase higher rates of success for international students in AST A School, a pre-assessment of all potential candidates will be performed by a designated USCG representatives. This assessment is also a first step to assist countries that are developing open water search and rescue (SAR) programs that will use swimmers to assist in SAR operations. Host Nation Audience: Potential AST A School students and SAR program managers. Special Notes: Students who are recommended to attend the USCG AST A course must have an ECL score of 80 prior to attending.

PRE-REQUISITE: Students must currently meet the AST A School physical training requirements. In addition, an Olympic-sized pool and track must be available for physical training tests.

COURSE NOTES:

P309241	MTT PCG	U	MTT TACTICAL COXSWAIN	1w	VAR	
ECL:				**EIMET:**	No	

This course provides tactical coxswain training to achieve the elements of skill and knowledge necessary for safe and effective performance of as a Tactical Coxswain. The Tactical Coxswain Course will provide the trainee with classroom and underway instruction including: Maritime Homeland Security, Ports and Waterways Coastal Security, Mission Contingency Planning, Patrol Orders, Operational Pre-Briefing, Pre-Arrival, Enforcement Procedures, Maritime Domain Awareness, Laws and Treaties, Mission Defense Operations, Response Boat Tactics, Techniques, and Procedures (TTP), Screen Boat Duties, Tactical Reaction Boat Duties, Vessel on Vessel Use of Force/Rules of Engagement, and Weapons Employment. Purpose: For countries that faces the challenges of fast boat interception and response tactics of smugglers (in areas of contraband goods, illegal immigrants, transportation of delivering of chemical, biological and radiological weapons of mass destruction). This course is for countries with appropriate response platforms and fully qualified boat crews which desire to build and enhance tactical and interception capabilities to deter the attempts of such illegal activities and exercise strict maritime security. Prerequisites: Students must be currently qualified as boat coxswain on a platform to include successful completion of the NAVRULS test within the last 5 years. Host Nation Audience: This course is by invitation only to fully qualified partner nations.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309242	MTT POO	U	MTT NOR-TECH 43V INTERCEPTOR	1w	VAR	
ECL:				**EIMET:**	No	

This course is designed to assist Enduring Friendship Crewmembers ALL aspects of the 43V Nor-Tech Interceptor vessel systems and the Operational Capabilities that can be used in their Partner Nation Marine Interdiction CONOPS. The following subjects are covered over a 5 day period: " Boat Familiarization: Pre Checks of the vessel, Engineer- Inspect fluid levels (i.e. coolant, engine oil, drive oil, steering fluid) wiring, engine start up, overboard discharge. Co Pilot- Energize electronics, tune radar, conduct communication checks, Pilot/ Vessel Commander- Inspect steering, throttles and clutches, navigation light, and stow any loose gear, Explain the chart plotter and its basic functions, Getting the vessel on plane, Explain the working of the throttles and boost from the engines, Explain and demonstrate the use of the outdrive trim controls and the trim tabs, Explain the difference between prop driven boats versus jet driven boats, Explain cavitations and how it will affect the performance of the boat, Explain the pro and cons for using trim tabs while operating at high speeds, Explain and demonstrate high speed turns/ tactical turns, Explain and demonstrate stopping and emergency stopping. "Boat Crew Familiarization: Boat Handling, Explain the difference between using the outdrives to trim and the trim tabs, Mooring the vessel, Explain how wind and current will effect how the vessel moves and how to use these forces to your advantage. "Onboard Electronics and Navigation: This block will include instruction in operation, service, trouble shooting and removal and replacement of the onboard electronic and navigation equipment to the boat crew. Each boat crew member will have a working knowledge of the equipment onboard. VHF radio, Chart plotter, Auto Pilot, FLIR, Radar, "Intercept Vectors: After the boat crews have an understanding of the radar system, have the boat crews acquire targets and track their movements. Start with targets within eye sight and work to targets that are over the horizon. "Pursuit Tactics: This will bring all the training together to complete the mission. The will provide the boat crews with maneuvers to finish a pursuit of a target. It will be explained to the boat crews that these maneuvers are suggestions operators should refer to their own Partner Nation Use of Force/ Standard Operating Procedures. "Yanmar Engine Maintenance: This block will concentrate on service and maintenance requirements of the engines and its sub systems to include oil changes, filter changes, sacrificial zinc removal/replacement, turbo replacement, intake and exhaust valve adjustment, alternator belt adjustment and replacement, raw water pump service, internal cooling systems service, engine alignment, and trouble shooting. "Mercury Out Drive Maintenance: This block will include instruction in removal disassembly, overhaul and reassembly of the out drive and transom gimbal assembly, service of sacrificial zinc anodes, lubricating oil change and trouble shooting. "Fiberglass repair: This block will include instruction in repair of cracks and failures in structural components that make up the vessel structure of stringers, bulkheads, deck beams, deck and hull, transom and engine beds. "Electrical, Hydraulic and Fuel Systems: this block will include instruction in trouble shooting repair and replacement of the bilge pumps, lights, engine hatch lifter, drive trim, trim tabs, fuel level senders, fuel valves and fuel polishing system.

PRE-REQUISITE:

COURSE NOTES:

P309246	MTT SFA-DET	U	MTT PRINCIPLES OF MARITIME CIVIL AFFAIRS	1w	VAR	
ECL:				**EIMET:**	No	

PRE-REQUISITE:

COURSE NOTES:

P309247	MTT PSW	U	MTT SPECIAL OPS COMMAND PACIFIC (SOCPAC) TRAINING	4.4w	VAR	
ECL:				**EIMET:**	No	

Generic MTT MASL for SOCPAC forces training conducted in the SOCPAC.

PRE-REQUISITE:

COURSE NOTES:

P309248	MTT PAG	U	MTT ANTISUB WARFARE OFFICER/EVALUATOR (AWSO/ASWE)	1w	VAR	
ECL:				**EIMET:**	No	

To train ASW Officers assigned to ASW platforms to function as ASW evaluators during all phases of the ASW problem. Training will include Littoral/Blue Water ASW in the following subjects; underwater acoustics, ASW weapons and attacks, submarine threats, ASW sensors, Target Motion Analysis (TMA), Sonobouy localization, ASW aircraft, ASW communications. Scope: Provide knowledge and skills to employ ASW sensors and weapons in all phases of ASW to include acoustic environment, ASW reports, Sonar Systems, ASW aircraft operations/employment, ASW mission, search/attack fundamentals, ASW communications, Target Motion Analysis (TMA), and search planning. Special Notes:1. Classroom will require an overhead projector, Lab portion will require use of SQQ-89 Tactical System in Training mode using TCW and CADRT.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309251	PR289	U	MTT PERSONNEL RECOVERY 289	0.2w	VAR	
ECL:				**EIMET:**	No	

PR 289 provides a tailored briefing for Senior Leaders. The seminar as an (MTT) provides attendees with an overview of generalized and/or tailored PR info to meet their specific roles and responsibilities in Personnel Recovery. This seminar is usually conducted in conjunction with other MTT's or as part of an exercise.

PRE-REQUISITE:

COURSE NOTES:

P309252	PR290	U	MTT PERSONNEL RECOVERY 290	0.6w	VAR	
ECL:				**EIMET:**	No	

290 provides instruction on personnel recovery policies, response procedures, and lessons learned. The academic units in this course include: Requirements and Tasks, Recovery Force Planning, Command and Control, Intelligence Support, JPRC/PRCC, Information Management, Reintegration and Mission Management, case studies and tabletop exercise. This course is also highly adaptable to a target audience's specific focus.

PRE-REQUISITE:

COURSE NOTES:

P309253	PR291	U	MTT INTELLIGENCE SUPPORT TO PERSONNEL RECOVERY 291	0.8w	VAR	
ECL:				**EIMET:**	No	

PR 291 provides intelligence professionals with a basic under-standing of Personnel Recovery doctrine and planning requirements. The curriculum focuses on intelligence support requirements during the five (5) PR execution tasks and details unique mission support aspects from both theater and national intelligence community perspectives. Students will explore a combination of both historical and notional Personnel Recovery events from an all-source perspective to gain a better understanding of the unique and time-sensitive nature of intelligence efforts required to effectively support Personnel Recovery operations. The goal of this course is to prepare intelligence professionals in intelligence support to personnel recovery.

PRE-REQUISITE:

COURSE NOTES:

P309254	PR296	U	MTT PERSONNEL RECOVERY 296	0.2w	VAR	
ECL:				**EIMET:**	No	

PR 296 provides tailored personnel recovery training to endorse reintegration team members to perform duties associated with organizing and managing reintegration events. The course includes training in the reintegration process; team member composition and logistics, planning considerations, dealing with the media, and family support. The scope of training includes the use of case studies depicting recent events and how to best deal with the complexities of the experience.

PRE-REQUISITE:

COURSE NOTES:

P309255	PR297	U	MTT PERSONNEL RECOVERY 297	0.4w	VAR	
ECL:				**EIMET:**	No	

PR 297 provides training for personnel performing PR reintegration/debriefing duties. The course includes training in the debriefing and reintegration process; as well as in debriefing preparation, which includes administrative and legal processing; and debriefing structure. The scope of training includes two practical evaluations which will require students to develop a debriefing guide and to set-up and conduct a debrief while being critiqued by both instructors and fellow students. Students will be required to provide feedback to the debriefer.

PRE-REQUISITE:

COURSE NOTES:

P309258	MTT PCL	U	MTT COUNTRY LSO TRAINING ASSESSMENT	1w	VAR	
ECL:				**EIMET:**	No	

Description: To assess Landing Signal Officer (LSO) capabilities of the Brazilian Navy.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309262	MTT PAG	U	MTT CIC TEAM TNR (CICTT)	1.6w	VAR	
ECL:				**EIMET:**	No	

Periodicity: Determined by ships force, as often as necessary. CICTT may also be conducted during pre-com, post shipyard, or when there is a significant turnover of Combat Information Center (CIC) watch standers. The purpose of this Team Trainer is to provide Combat Information Center (CIC) tactical watch teams with the knowledge and skills required to operate with a Carrier Battle Group/ Amphibious Battle Group in an asymmetrical warfare environment. Purpose: Provide the knowledge and skills required to enable the CIC team to perform the duties and responsibilities of their assigned stations while operating in a multi-warfare environment. Audience: All Condition III CIC watch standers (OS, FC, ST, EW, IS, and Officers). Course will provide the CIC watch team with the background knowledge in a classroom environment reinforced by ACTS scenario. Support requirements: 1. Classroom with overhead projector/Power Point projector system. 2. Dedicated system time: SPY, WCS, C&D, and ACTS. 3. ACTS scenario tapes and ECG(s). (Days 2 - 5). The following topics are included but not limited to this module of training; AEGIS Combat System (ACS) Overview Identification Friend or Foe (IFF); Management Data Links Overview; AEGIS Doctrine Fundamentals; Detect to Engage Fundamentals; Performance of CICTT (Shipboard). Prerequisites: Basic CIC console familiarization.

PRE-REQUISITE:

COURSE NOTES:

P309263	MTT PAG	U	MTT TRNG SPRVISOR (TRASUP)	1w	VAR	
ECL:				**EIMET:**	No	

Periodicity: As requested The purpose of this course is to provide the units training team s ACTS/Training Supervisor (TRASUP) the knowledge to build and execute training scenarios for single ship (Basic) to Multi-ship/Strike Group (advanced). Audience: Selected enlisted CIC Team members (source ratings OS, FC, EW, STG) (E4 - E9) or selected Officers (maximum class capacity: 10). Provides the trainee with general description of the AEGIS Combat Training System (ACTS). To include the physical, functional, interface, and operational description of ACTS. The course also includes the practical application to support the normal operations of ACTS. Method of Teaching: Classroom lessons and hands on training. Support requirements: 1. Classroom with overhead projector/Power Point projector system. 2. Dedicated system time: SPY, WCS, C&D, ACTS tapes, and ECGs. The following topics are included but not limited to this module of training: General, Functional, and Documentation; Description of ACTS; Physical Description of ACTS Interface; Description of ACTS; Operational Description of ACTS; Basic Operation of ACTS. Prerequisites: Basic CIC console familiarization.

PRE-REQUISITE:

COURSE NOTES:

P309264	MTT PAG	U	MTT COMBAT SYS MT (CSMT)	1w	VAR	
ECL:				**EIMET:**	No	

Periodicity: As requested. Provides personnel with the knowledge to assist the Combat Systems Test Officer/Combat System Maintenance Manager in implementing a Combat system Maintenance program and resolving interface problems as they relate to AEGIS Combat Systems. Audience: Ships CSMT/SERT members (maximum class capacity: 12). Familiarizes the maintenance team members with the technical characteristics, functional relationships, operational capabilities and maintenance requirements of the AEGIS Combat Systems. Includes practical application in fault detection and isolation. Method of Teaching: Classroom lessons and hands on training. Support requirements: 1. Classroom with overhead projector/Power Point projector system. 2. Classified material storage for overnight storage of publications and notes. The following topics include but are not limited to this module of training: CSOSS Documentation; CSOSS and the AEGIS Combat Systems; Comprehension of the Combat Systems a and system interfaces and support systems; Comprehension of the system readiness assessment and element level testing. Prerequisites: There are no prerequisites for Combat Systems Maintenance Team. To support Specialized Briefs, a computer overhead projector, viewing screen and space adequate to hold ships Combat Systems maintenance technicians and current equipment documentations (ITEMs) are required.

PRE-REQUISITE:

COURSE NOTES:

P309265	MTT PAG	U	MTT FORCE AIR DEFENSE CDR	1w	VAR	
ECL:	EC			**EIMET:**	No	

Periodicity: As requested. Determined by ships force, as often as necessary. FADC may also be conducted during pre-com, post shipyard, or when there is a significant turnover of Combat Information Center (CIC) watch standers. Purpose: The purpose of this Team Trainer is to provide CIC Watch Team personnel with the knowledge and skills required to perform duties as FADC in a multi-national Battle Group (BG) environment. Provides personnel assigned as battle group Air warfare watch standers with advanced knowledge and skills to plan and execute BG Air and missile defense. Audience: All Condition III enlisted and Officer Air Warfare CIC watch standers. Provides classroom topics in advanced Air Warfare operations in the Carrier Battle Group environment. Three to four days of Air warfare ACTS scenarios are conducted to flex the Air watch team. Method of Teaching: Classroom lessons and CIC ACTS Scenarios.. Support requirements: 1. Classroom with overhead projector/Power Point projector system. 2. Dedicated Combat systems time to include SPY, WCS, C&D, and ACTS. Prerequisites: Basic CICTT.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309267	MTT PAG	U	MTT CSOSS	1w	VAR	
ECL:				**EIMET:**	No	

MOBILE TRAINING TEAM - COMBAT SYSTEMS OPERATIONS AND SEQUENCING SYSTEMS (CSOSS) This course will provide the technician the tools to use the CSOSS in determining the proper steps to energize/repair ship s combat systems suite. Training will be classroom and system equipment. Lessons include: Knowledge and Comprehension of Aegis Combat System Management (Area Supervisor / CSOOW); Drill guide/package development; CSOSS Casualty Walk Thru; Combat System Initialization Exercise; and Combat System Casualty Control Exercise (CSCCE) to establish and maintain proficiency. Prerequisite Info: There are no prerequisites for . Combat Systems Operations and Sequencing Systems (CSOSS). To support Specialized Briefs, a computer overhead projector, viewing screen and space adequate to hold ships Combat Systems Technician and maintenance personnel, any associated ships self evaluation team personnel and documentation (ITEMs) are required. Primary and peripheral combat systems equipment required to support Combat Systems must be energized and operational the days the events are scheduled.

PRE-REQUISITE:

COURSE NOTES:

P309268	MTT PAG	U	MTT RSC ENHANCED	1w	VAR	
ECL:				**EIMET:**	No	

MOBILE TRAINING TEAM RADAR SYSTEM CONTROL (RSC) ENHANCED (A-221-0150) This course provides to the ship s RSC Operators Advanced Operations of RSC Console, review of Systems Capabilities, Discussion on environmental concerns and in-depth hands on training of RSC controls and operating in adverse environment. Prerequisite Info: There are no prerequisites for . Radar System Controller (RSC). To support Specialized Briefs, a computer overhead projector, viewing screen and space adequate to hold ships Combat Systems Technician and maintenance personnel, any associated ships self evaluation team personnel and documentation (ITEMs) are required. Primary and peripheral combat systems equipment required to support Combat Systems must be energized and operational the days the events are scheduled.

PRE-REQUISITE:

COURSE NOTES:

P309269	MTT PAG	U	MTT INTRO TO DATA LINKS	0.6w	VAR	
ECL:				**EIMET:**	No	

MOBILE TRAINING TEAM - INTRODUCTION TO DATA LINKS THIS COURSE PROVIDES MINIMUM LINK REQUIREMENTS TO QUALIFY UP TO IDENTIFICATION SUPERVISOR WATCH STATION. COURSE PROVIDES AN OVERVIEW OF TACTICAL DATA LINKS CURRENTLY IN USE AND THOSE PLANNED FOR THE FUTURE. COURSE PROVIDES AN INTRODUCTION TO U.S. NAVY PLATFORMS LINK CAPABILITIES.

PRE-REQUISITE:

COURSE NOTES:

P309273	MTT PAG	U	MTT AEGIS OFFR CONSOLE OPR	2w	VAR	
ECL:				**EIMET:**	No	

MOBILE TRAINING TEAM - AEGIS OFFICER CONSOLE OPERATOR THE PURPOSE OF THIS COURSE IS TO PROVIDE PERSONNEL WITH THE KNOWLEDGE AND SKILLS REQUIRED TO PERFORM BASIC CONSOLE OPERATIONS IN A WATCH TEAM ENVIRONMENT. INSTRUCTIONAL LESSONS INCLUDE AEGIS DOCUMENTS, GENERAL AND PHYSICAL OPERATIONS DESCRIPTION, SUBMODE DISPLAY, COMMON TRACKS STATE, SPECIAL POINTS, IDS/IFF, UPX-24 OPERATION, TADIL, AAWC/ASUWC/ASWC, CSC/CPIS, MSS, DOCTRINE, INTERFACE DESCRIPTION, AND LABS. Prerequisite Info: There are no prerequisites for AOCO. To support pre-scenario presentations, a computer overhead projector, viewing screen and space adequate to hold ships Command and Control personnel, Combat Information Center watch team. Primary and peripheral combat systems equipment required to support an ACTS scripted scenario must be energized and operational the days scenarios are scheduled. All weapon system and support system interfaces must be established prior to commencement of scenarios. Combat System technical support should be available during scenarios to assist with repair and/or restoration of equipment malfunctioning during execution of the scenario.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309274	MET PNC	U	MET LEADERSHIP REACTION COURSE	1w	VAR	
ECL:	80			**EIMET:**	No	

MET-LEADERSHIP REACTION COURSE Prepare international student Leadership Reaction Course Trainers to design and construct an actual Leadership Reaction Course to provide training for their own students. Notes: Over many decades of extensive use by both U.S. and foreign militaries, the Leadership Reaction Course (LRC) has proven itself to be one of the most effective leadership and teambuilding tools available today. Working with the host country our experienced "Train-the Trainer" team can provide design and construction guidance for specific LRC requirements and the necessary training required to produce certified LRC teachers and trainers. At the conclusion of the 5 day course graduates will be fully capable of designing, facilitating and teaching on a Leadership Reaction Course. Seminar content includes LRC history, safety, scenario design, exercise brief/debrief and leader evaluation. Also included are comprehensive leadership training such as; Battlefield studies, communication skills and enhanced decision making. Easy to manufacture, cost efficient and durable, a Leadership Reaction Course will provide many years of useful leadership training for military and government civilian personnel of all ranks, positions and ages. Dollar for dollar there is not a more effective and useful leadership training tool within the international training community and certified LRC trainers will be able to integrate LRC training into any military training course.

PRE-REQUISITE:

COURSE NOTES:

P309277	MET PGS	U	MET PEACEKEEPING OPERATIONS	1w	VAR	
ECL:	EC			**EIMET:**	No	

This MET will be tailored to local military regulations in the delivery country and will prepare military officers for complex UN peacekeeping operations. After completing the course, participants are more knowledgeable about the UN system, current UN PKO training guidelines, education and training methodologies, and curriculum development.Learning Objectives: " Understand the UN system and PSO principles" Become familiar with PSO development and guiding documents" Become familiar with the UN Operations strategic concept, and restrictions and interests which govern voting mandates in the UN Security Council" Analyse current operations in peace support operations as a staff officer and conduct adequate actions at the HQ of any level" Become familiar with legal aspects ROE's included, Human rights and humanitarian law" Become familiar with documents which define the status of peace support forces and employ code of conduct that regulates behaviour and discipline of force members "Become familiar with CIMIC" Become familiar with IO/GO/NGO, their role and mandate" Become familiar with cultural challenges in a PSO environment" Recognise the importance, techniques and role of the media in relation to a PSO "Understand PSO Techniques and Procedures" Become familiar with the UN IMPP "Enhanced ability to function in a multi-national peace operations environment" Be introduced to the PSOM Wargaming Simulation for modelling Peace Support Operations and training exercises

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309278	MTT PNA	U	MTT AN-PRC 117F RADIO TRAINING (FI)	1w	VAR	
ECL:				**EIMET:**	No	

MTT-AN/PRC-117F(C) Operator Course A. Introduction1. Precautionsa) Safety(1) Review RF radiation and burn Hazards(2) Review Battery handling proceduresb) Cautions(1) Caution students about Un-Authorized Frequency Use(2) Caution students about improper handling of Antenna may cause Antenna Connector damagec) Security(1) Review CCI Handling procedures 2. Discuss the features of the AN/PRC-117F radio system. a) Frequency Range b) Dedicated Satcom Capabilities c) SINCGARS compatibility d) Have Quick compatibility e) Type 1 encryption compatibility f) Software upgradability g) Data interfaces h) Network Presets i) CTCSS Squelch Support j) NB AM Supportk) Data transmission up to 64 kB/s l) HPW 3. Discuss the Frequency Band Characteristics of the AN/PRC-117F radio system a) Define the frequency range of each frequency band(1) VHF-LOW(2) VHF-HIGH(3) UHF b) Define available modulation modes for each frequency band of the AN/PRC-117F radio system. (1) AM (2) FM (3) TCM (4) WBFSK c) Define available frequency hopping modes for each frequency band (1) SINCGARS (2) HAVEQUICK e) Introduce the capabilities of DAMA as it applies to the AN/PRC-117F. f) Introduce the capabilities of HPW as it applies to the AN/PRC-117F. (1) Dedicated SATCOM (2) LOS (3) HPW-IP4. Introduce other features of the AN/PRC-117F a) BIT b) SCAN c) Remote Control d) OTAR/OTAT e) RETRANS f) Parameter Cloning g) Access limitations h) Beacon i) External GPS Interface 4. Connectors a) Discuss the use of each connector on the AN/PRC-117F radio system. b) Demonstrate initial configuration of the AN/PRC-117F radio system for operation. C. COMSEC 1. Discuss the capabilities and limitations for each crypto mode in the AN/PRC-117F a) VINSON b) ANDVT c) KG-84 d) Fascinator e) KYV-52. Discuss the relationship of operational modes and crypto mode.3. Demonstrate the procedures used to load Frequency Hopping and Key Mat. a) Discuss the procedures used dependent upon available fill devices. b) Discuss the operation of a CYZ-10 to perform fills if applicable. 4. Demonstrate OTAR rekey procedures 5. Demonstrate OTAT rekey procedures D. LOS Fixed Frequency Operation and Programming 1. Discuss programming considerations and planning. 2. Demonstrate the procedure used to program a LOS network a) Frequency b) COMSEC c) Voice/Data d) Squelch e) TX Power f) Network Name 3. Demonstrate the operation of the AN/PRC-117F in LOS mode. E. Dedicated UHF SATCOM Programming and Operation 1. Discuss programming considerations and planning. a) Review the fundamentals of SATCOM communications b) Review the characteristics and limitations of 25 Khz SATCOM c) Review the characteristics and limitations of 5 Khz SATCOM d) Discuss the use of SATCOM antennas.2. Demonstrate the procedure used to program a Dedicated UHF SATCOM (181A) network a) Frequency(1) Code(2) Frequency b) COMSEC c) Voice/Data d) Squelch e) TX Power f) Network Name3. Discuss the operation of the AN/PRC-117F in a Dedicated UHF SATCOM (181A) network.4. Demonstrate the procedure used to program a Dedicated UHF SATCOM (181B) network a) Frequency (1) Code (2) Frequency b) COMSEC c) Voice/Data d) Squelch e) TX Power f) Network Name5. Discuss the operation of the AN/PRC-117F in a Dedicated UHF SATCOM (181B) network. F. SINCGARS Operation and Programming1. Demonstrate the procedures used to load FH data. a) Mode 1 b) Mode 2 c) Mode 32. Demonstrate the procedures used to program the AN/PRC-117F with a SINCGARS network Preset. 3. Review the fundamental operational characteristics of SINCGARS. 4. Demonstrate the procedures used to operate the AN/PRC-117F in a SINCGARS network. a) TOD b) CUES c) ERF d) Cold Start e) Late Net Entry G. Have Quick Operation and programming1. Demonstrate the procedures used to load FH data. a) SWOD b) MWOD c) FMT Training frequencies 2. Demonstrate the procedures used to program the AN/PRC-117F with a Have Quick network Preset. a) Have Quick 1b) Have Quick 2 c) Guard Receiver. 3. Review the fundamental operational characteristics of Have Quick. 4. Demonstrate the procedures used to operate the AN/PRC-117F in a Have Quick network. I. RETRANS 1. Review the fundamental operational characteristics of RETRANS. a) RED b) BLACK 2. Demonstrate the procedures used to setup the AN/PRC-117F to support RETRANS operation 3. Demonstrate the operational procedures for the AN/PRC-117F to support RETRANS. K. DAMA 1. Discuss the fundamentals of DAMA a) Discuss the advantages of DAMA b) Discuss crypto requirement of DAMA c) Discuss Network addresses d) 25 kHz capabilities e) 5 kHz capabilities f) Discuss the fundamental theory of operation of DAMA2. Demonstrate the procedures to program DAMA 3. Discuss the operation of the AN/PRC-117F in a DAMA network. L. HPW1. Review the fundamental theory of operation of HPW2. Demonstrate the programming of the AN/PRC-117F for HPW operation3. Demonstrate setup of RF-6710 a) Software installation b) Configuration c) Radio network configuration4. Discuss HPW Satcom operation.III. Level I / II Maintenance A. Learn general maintenance procedures required for normal operation of the AN/PRC-117F(C) Radio. B. Learn how to run BIT Tests. C. Learn operator level preventive maintenance tasks.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309287	MET CMR	U	MET INTEL AND POLICY		VAR	
ECL:				**EIMET:**	No	

Policy Makers and Their Potential Contribution to Intelligence Reform in a Democracy, MET The Center for Civil-Military Relations' (CCMR) Expanded International Military Education and Training (EIMET) approved seminar entitled "Policy Makers and Their Potential Contribution to Intelligence Reform in a Democracy" is conducted by a Mobile Education Team (MET). The course aims to assist countries consolidate their democracies from the perspective of institutionalizing democratic intelligence systems (i.e. that are both transparent and effective), with particular focus on the role and contribution of policymakers to reform. In all democratic systems, intelligence reform is a "Gordian Knot" that incessantly tests policy makers: the onus is on them to develop and maintain intelligence systems that protect democracy (and are democratically accountable), while, at the same time, maintaining secrerecy. There is no clear solution to this challenge. In well-established democracies policy makers have developed mechanisms to tackle the "democracy-intelligence" dilemma, yet these mechanisms are relentlessly being revised and reworked. In new democracies, however, decision makers have to create these mechanisms from ground zero, and do not always succeed in balancing effectiveness with transparency. In those that do succeed, decision makers face numerous challenges, yet, after long and protracted endeavors, may eventually manage to accommodate effectiveness and transparency. Both interest and willingness (whether self-initiated or due to outside pressure or/and incentives), as well as expertise, on the part of policy makers are paramount in successful intelligence reform. As in many democracies (old and new) policy makers, for various reasons, either lack interest or expertise (or both) on how to deal with intelligence reform, this course (which focuses on the potential contribution of policy makers to the democratic reform of intelligence) seeks to compensate for these lacunae. It includes discussions on what intelligence reform involves, discussions and debates on why democratic reform of intelligence should matter to policymakers, and why it is incumbent on them to invest time and effort in intelligence democratization, as well as insights regarding policymakers' potential contribution to reform (including inherent challenges and available practices to overcome them). The course will provide participants with a wide range of case studies and examples from both established and developing democracies.The key objectives of this course are to: 1. Provide participants with an understanding of the relevance of Intelligence Reform in a democracy 2. Provide participants with insights on why it is important that policy makers to become involved in intelligence reform in a democracy (including discussion on the advantages versus negative outcomes in case they do or not engage in intelligence reform) 3. Familiarize participants with intelligence reform requirements, challenges, and opportunities; and 4. If required/needed, assist participants in developing an action plan for intelligence reform in their own countries.CCMR's approach to teaching the "Policy Makers and Their Potential Contribution to Intelligence Reform in a Democracy" course is to focus instruction on the specific conditions and unique requirements of a country, and in consonance with ODC/SCO/MILGROUP guidance. Participants will be provided with necessary theoretical knowledge by academic lecturers and experienced practitioners. The workshop utilizes case studies and simulation exercises to provide participants with the knowledge and skills needed by policymakers to reform their national security institutions. Participants will be exposed to all critical elements of intelligence reform, including: role of intelligence in providing national security and safeguarding democracy, developing legal frameworks for intelligence, institutionalizing democratic control and oversight,professionalization of intelligence, interagency coordination, international intelligence cooperation and sharing, developing a security and intelligence culture. The course objectives are achieved through the rigorous application of problem solving with particular emphasis on working with civilian and military officials of all government and security sector branches in a group setting to develop deliverables for implementation within a recipient country. At the end of the course, the participants will have an enhanced understanding of the opportunities and challenges associated with intelligence reform, of the need to become involved in, or even take the lead in, intelligence reform, as well as the reform impact on democratization and civil-military relations. They will be able to develop actionable recommendations to improve existing intelligence reform processes, as well as be capable of developing country-specific implementation processes and strategies.ParticipantsThe seminar is designed for international civilian decision makers from all government branches (executive, legislative, judiciary), and military/intelligence officers in the ranks of major to general, as well as civil society representatives (NGOs, think tanks, academia, media).TranslationThe course is taught in English. Where necessary, the course is delivered with simultaneous interpretation into the local language.CostPrior to the MET, CCMR will prepare a budget of all costs to be incurred over the course of the program. ODC/SCOs will be asked to provide estimates of costs that they will incur in-country to host a program for inclusion in the total budget. Costs incurred by CCMR include transportation, faculty and staff salaries, and lodging and per diem for MET team members. In-country costs that will be included in the MET include translation and reproduction of course materials, site rental (including daily lunches), and interpreters' salaries. While costs vary widely depending on air fares, number of faculty, and other factors, a MET budget will normally total between USD 40,000 and 60,000. Should a pre-course survey be determined necessary to coordinate with embassy and host nation representatives, it costs normally total between USD 8,000 and 15,000 and can be programmed under MASL P309073. Regional versions of the course could be programmed under MASL P273001; there is also a residence version, MASL P170009.

PRE-REQUISITE:

COURSE NOTES:

P309291	MTT APS-HOS	U	MTT APS VBSS	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-APS-VBSSCourse/Instruction taught by Foreign Nationals.Regional Country Participants will be programmed under P279291.

PRE-REQUISITE:

COURSE NOTES:

P309295	MTT PGS	U	MTT SITE SURVEY PGS	0.6w	VAR	
ECL:				**EIMET:**	No	

MTT-SITE SURVEY PGS This MASL is for use for Naval Postgraduate School for Site Survey's

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309296	MTT PGS	U	MTT INTRODUCTION TO WARGAMING	1w	VAR	
ECL:				**EIMET:**	No	

Training provides participants with an introduction to wargaming, a course focused on military decision making. Wargaming techniques, when applied properly, provide a structured environment that permits military professionals to gain insight into complex military problems. The focus of this course is learning the fundamentals of wargaming that will enable the student to design, develop, and analyze a wargame for a sponsor to address that sponsor's needs. It covers history, types, methods, and planning steps of wargaming and includes a "hands-on" component to allow participants to apply their new knowledge and plan/run a real wargame.

PRE-REQUISITE:

COURSE NOTES: This course will require one site survey at least 30 days prior to the course. An additional site visit may be required to assist, assess, and critique wargaming projects completed by the students trained.

P309297	MTT PGS	U	MTT POST SITE SURVEY- INTRODUCTION TO WARGAMING	0.6w	VAR	
ECL:				**EIMET:**	No	

POST Site survey needed after completion of Wargaming Course to assess/critique in wargaming projects as completed by students.

PRE-REQUISITE:

COURSE NOTES:

P309298	MTT PCP	U	MTT HUMANITARIAN ASSISTANCE RESPONSE TRNG (HART)	0.6w	VAR	
ECL:	80			**EIMET:**	No	

The Center for Excellence in Disaster Management and Humanitarian Assistance (COE) offers a Mobile Training Team International Military Education and Training (IMET) workshop course entitled Humanitarian Assistance Response Training (HART) exportable on demand to all Security Assistance (SA) eligible countries. These course offerings can be resourced with IMET funds, or host nation funds (on and FMS case), and will be open to enrollment to other SA eligible countries to enhance the multinational flavor of the course. The Humanitarian Assistance Response Training (HART) is an introductory course designed to provide international military student officers (IMSO) with information about military support to civilian-led international disaster response and humanitarian assistance operations in times of peace and insecurity. Graduates of this course will be better prepared to plan and execute disaster response and humanitarian assistance missions involving civil and military international actors. Course ObjectivesThe key objectives of the course are to provide to participants instruction and technical assistance on: (1) The key responding agencies from the affected State, assisting States, assisting state military forces and the humanitarian community, and their respective roles, responsibilities and obligations in international humanitarian assistance and disaster response operations;(2) The fundamental principles followed by the International Humanitarian Community (IHC) in international response operations, including the Principle of Do No Harm, which influences every aspect of their planning and operations;(3) International response coordination principles and mechanisms utilized in international response operations, including Humanitarian Civil-Military Coordination (UN CMCoord) and the Cluster Approach;(4) Identifying who are the populations affected by disaster or humanitarian crises, what are their respective rights and who is responsible for their care, maintenance and protection under International Law;(5) Disaster Management principles and issues, including response, recovery, preparedness and mitigation; and(6) Medical and Public Health issues in humanitarian assistance and disaster response operations.The three-day (24 hour) program emphasizes an understanding of the major responders, lessons learned from previous disaster response and humanitarian crisis emergencies, key public health issues, issues relating to the care and protection of refugees and internally displaced persons, International Humanitarian, Human Rights, Disaster Response and Refugee Law, security issues, civil-military coordination of operations, and measures of effectiveness as the primary topics, practiced in a table top exercise during the course.COE's instruction will be consistent with graduate-level professional programs. The course is designed to be an intensive, focused-learning experience. Once students complete this course, they will be familiar with UN, regional, multi-national and humanitarian interagency coordination, public health, security and disaster management. This course is designed for personnel serving in leadership or planning positions of military commands or organizations that plan and execute Disaster Response, Humanitarian Assistance and/or Peace Support operations, or develop and implement such policy, or conduct educational/training programs in support of these operations.At the end of this course, the students will be better prepared for participation in disaster response and humanitarian crisis emergencies in a multi-national, coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements.Faculty teamsCOE task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, COE faculty teams are relatively small (four individuals) consisting of proven civilian and military subject-matter experts. TranslationThe course will be taught in English. Where necessary, the course can be delivered with simultaneous interpretation into the target language as provided by the requesting agency. An English Comprehension Level (ECL) score of 80 is required. CostParticipant costs to attend the course are based on location, venue, enrollment (plus translation services if requested). Participant travel cost are a host nation responsibility.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309302	MTT PETC	U	MTT BOAT OPS LVL II - SMALL BOAT PATROL OPS	2w	VAR	
ECL:				**EIMET:**	No	

MTT Boat Ops Lvl II - Small Boat Patrol Ops This course familiarizes students with the concepts and execution of small boat operations in defense of High Value Assets moored in port, at anchorage or in transit. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include harbor familiarization, navigation refresher training, formation driving, advanced maneuvers, shouldering, weapons employment, layered defense, defensive maneuvers, and Patrol Order Briefs. Class Size: Maximum:15 Students / 4 Boats Minimum: 6 Students / 4 Boats Requirements:-Classroom with desks and chairs of sufficient size suitable for inst.-Training area of sufficient size for navigation (harbor area with at least a 600 meter radius of navigable waters from the pier)-Minimum of four operational boats-Fenders for the boats-Life jackets for each student-Pier facility for the boats ETC will provide:-Life jackets for instructors-Training materials

PRE-REQUISITE: Students should be fully qualified and have experience as boat coxswains-Students should be designated for coxswain instructor/training billets

COURSE NOTES:

P309303	MTT PETC	U	MTT MIO BOARDING OFFICER	0.6w	VAR	
ECL:				**EIMET:**	No	

MTT MIO - Boarding Officer Students will be guided through the leadership procedures for each phase of a boarding operation. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include safety, mission planning, pre-boarding procedures, documentation review, vessel inspection (cargo and personnel), threat identification and management, evidence collection, procedures for health and comfort inspections, training management, medical incidents, and after action report submission. Requirements: -Classroom with desks and chairs of sufficient size suitable for inst.ETC will provide:-Training materials

PRE-REQUISITE: Students should be designated as Boarding Officers or Boarding Team Members.

COURSE NOTES:

P309304	MTT PETC	U	MTT MIO BOARDING TEAM OPERATIONS	2w	VAR	
ECL:				**EIMET:**	No	

This course will prepare students to perform boarding and inspection procedures in support of Maritime Interdiction Operations (MIO). Course contents will be tailored to meet partner country's requests and capabilities. Course topics include safety, water survival, physical training/defensive training, compliant boarding, knot tying techniques, basic weapons handling and employment, ladder climbing, shipboard and container inspection procedures, tactical movements, document inspection, mission planning, and communications. Requirements: -Facility of sufficient size to support tactical movement exercises-Facility of sufficient size to support ladder climbing exercises-Classroom with desks and chairs of sufficient size suitable for inst. ETC will provide:-Climbing ladder-Training Materials

PRE-REQUISITE: Students should be able to support the physical requirements of boarding operations-Students should have a basic level of understanding in weapons safety, tactical movement, and communications.

COURSE NOTES:

P309307	MTT PETC	U	MTT WEAPONS - SMALL ARMS MARKSMANSHIP	2w	VAR	
ECL:				**EIMET:**	No	

MTT Weapons - Small Arms Marksmanship / Instructor The Small Arms Marksmanship course is designed to provide personnel the training required to perform duties involving the use of small arms. Training package will be tailored to suit the partner nation's requests and capabilities. Course topics include weapons safety, weapon characteristics, basic operation and maintenance, marksmanship fundamentals, and shooter coaching techniques. Requirements: -Approved range and practice targets-One firearm per student-1000 rounds per student-Ear and eye protection for all students ETC will provide:-Ear and eye protection for instructors-Training material

PRE-REQUISITE: Students should have a basic understanding of firearm operation and safety.

COURSE NOTES:

P309308	MTT PETC	U	MTT WEAPONS LVL I - CSW MAINTENANCE AND OPS	1w	VAR	
ECL:				**EIMET:**	No	

This course is designed to train personnel in the operation and maintenance of light, medium, and heavy machine guns. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include cycle of operation, disassembly and reassembly, parts nomenclature, and maintenance and preservation techniques. Requirements: -One firearm for every three students-Appropriate tools for the disassembly, maintenance, and reassembly of the weapon system (complete list will be provided during site survey)ETC will provide:-Training materials

PRE-REQUISITE: Students should have a basic understanding of firearm safety.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309309	MTT PETC	U	MTT WEAPONS LVL II - CSW FIXED POSITION EMPLOYMENT	2w	VAR	
ECL:				**EIMET:**	No	

This course is designed to train personnel to perform the duties of a crew served weapons gunner in the use of light, medium, and heavy machine guns. Course contents will be tailored to meet partner country's requests and capabilities. Course topics will include tactics, malfunctions, trigger control, marksmanship, and reloading techniques. Requirements: -Approved range-One firearm per student-2000 rounds per student per weapons system-Ear and eye protection for all students ETC will provide:-Ear and eye protection for instructors-Training materials

PRE-REQUISITE: Students have experience in the operation and maintenance of crew served weapons.

COURSE NOTES:

P309310	MTT PETC	U	MTT WEAPONS LVL III - CSW SMALL BOAT/VEHICLE EMPL	2w	VAR	
ECL:				**EIMET:**	No	

This course is designed to train personnel to perform the duties of a crew served weapons gunner in the use of light, medium and heavy machine guns while underway on a small boat. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include tactics, cutout zones, malfunctions, trigger control, and reloading techniques. Requirements: -Approved underway range-One boat for every 5 students-Weapons mounted on each boat-1000 rounds per student per weapon system-Ear and eye protection for all students-Life jackets for all students -Provide 1 experienced coxswain per boat ETC will provide:-Life jackets for instructors-Ear and eye protection for instructors-Training materials

PRE-REQUISITE: Students have experience in the operation and maintenance of crew served weapons.-Students have experience in the employment of crew served weapons.

COURSE NOTES:

P309311	MTT PETC	U	MTT SECURITY - PHYSICAL SECURITY PLANNING	1w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students with physical security concepts of planning. The target audience is shore installation's security department supervisory, management and staff personnel. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include security site surveys and assessments. The course will be a combination of classroom lectures / discussions and practical exercise in an entry control point. Requirements: -Classroom with desks and chairs of sufficient size suitable for inst.-Training area of sufficient size with a mock or actual entry control point and defined perimeter.ETC will provide:-Training material

PRE-REQUISITE: Students should be billeted for work relevant to physical security.

COURSE NOTES:

P309312	MTT PETC	U	MTT SECURITY LVL I - ARMED SENTRY	2w	VAR	
ECL:				**EIMET:**	No	

MTT Security Lvl I - Armed Sentry This course will provide the necessary knowledge and skills needed to perform the duties and responsibilities of a Security Force Sentry controlling access to security assets. Course contents will be tailored to meet partner country's requests and capabilities. Students will learn to implement immediate actions required to identify, assess, track and deter potential threats utilizing and demonstrating the proper tactics, techniques and procedures using escalating force measures. Requirements: -Classroom with desks and chairs of sufficient size suitable for training-Training area of sufficient size to practice self defense skills and tactics ETC will provide:-Training materials

PRE-REQUISITE: Students should have small arms weapons handling experience-Students should be assigned to physical security billets

COURSE NOTES:

P309313	MTT PETC	U	MTT SECURITY LVL II - REACTION FORCE	2w	VAR	
ECL:				**EIMET:**	No	

MTT Security Lvl II - Reaction Force This course is designed to provide personnel assigned as a Security Reaction Force Team Member the knowledge, skills, and abilities to deter, detect, defend, and mitigate potential terrorist threats in an asymmetrical environment. This course enables individuals to perform as a Security Reaction Force Team Member and Team Leader, including the ability to manage a Force Protection Team. Students are trained in the advanced principles of two, four and six person team movements to include: close quarter combat, tactical communications, and mission planning. Course contents will be tailored to meet partner country's requests and capabilities. Requirements: -Classroom with desks and chairs of sufficient size suitable for training-Training area of sufficient size to practice self defense skills and tactics ETC will provide:-Training materials

PRE-REQUISITE: Classroom with desks and chairs of sufficient size suitable for training-Training area of sufficient size to practice self defense skills and tactics

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309315	MTT PETC	U	MTT SMALL BOAT MAINTENANCE	2w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students on design, construction, and maintenance of small boats through boat inspection, preventive maintenance, and identifying and correcting potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include diesel engine maintenance, outboard motor maintenance, fiberglass repair, basic electrical repair and general small boat repair. Requirements: -Classroom with desks and chairs of sufficient size suitable for inst-At least one operational small boat-Appropriate tools to conduct maintenance and repair on a light vehicle ETC will provide:-Training material

PRE-REQUISITE: Students should be assigned as small boat operators or maintainers.

COURSE NOTES:

P309316	MTT PETC	U	MTT VEHICLE MAINTENANCE	2w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students on design, construction, and maintenance of light vehicles through vehicle inspection, preventive maintenance, and identifying and correcting potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include diesel and gasoline engine maintenance, basic electrical repair, mechanical systems, hydraulic systems, and general vehicular systems repair. Requirements: -Classroom with desks and chairs of sufficient size suitable for inst-At least one operational light vehicle-Appropriate tools to conduct maintenance and repair on a light vehicle ETC will provide:-Training material

PRE-REQUISITE: Students should be assigned as vehicle operators or maintainers.

COURSE NOTES:

P309317	MTT PETC	U	MTT BASIC ENGINE/GENERATOR MAINTENANCE	1w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students on design, construction, theory, and maintenance of small engines (gasoline or diesel) and portable generators within specifications through preventive maintenance to identify and correct potential problems before the equipment becomes inoperable. Course contents will be tailored to meet partner country's requests and capabilities. Course topics include the methods, materials, tools, and personnel needed for engine or generator maintenance. Requirements: -Training and maintenance area of sufficient size to repair equipment-At least one portable generator-Appropriate tools to conduct maintenance on a portable generator ETC will provide:-Training materials

PRE-REQUISITE: Students should be assigned to an engineering or maintenance billet.

COURSE NOTES:

P309318	MTT PETC	U	MTT MAINTENANCE MANAGEMENT	1w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students on maintaining equipment within specifications through preventive maintenance to identify and correct potential problems before the equipment becomes inoperable. Course contents will be tailored to meet requesting country's needs and capabilities. Students will learn scheduling and control of the performance task. Course topics include safety and risk management, maintenance fundamentals, preventive and corrective maintenance, the maintenance hierarchy, tag out systems, maintenance system development, equipment alterations, and inactive equipment maintenance. Class Size: Maximum: 20 Students Minimum: 5 Students Requirements: -Classroom with desks and chairs of sufficient size suitable for inst ETC will provide:-Training materials

PRE-REQUISITE: Students should be assigned to a maintenance or maintenance management billet.

COURSE NOTES:

P309320	MTT PETC	U	MTT BASIC INSTRUCTOR TRAINING	2w	VAR	
ECL:				**EIMET:**	No	

This course provides training in the application of principles of learning, including instructional methods, effective communications, oral questioning, and presentation techniques appropriate to the instructional classroom and/or other learning environments. Students plan, develop, and present lessons using the lecture, demonstration, and performance methods of instruction. Requirements: -Classroom with desks and chairs of sufficient size suitable for instruction ETC will provide:-Training materials

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309321	MTT PETC	U	MTT LEADERSHIP PRINCIPLES (JUNIOR ENLISTED)	1w	VAR	
ECL:				**EIMET:**	No	

This course is designed to provide non-commissioned officers and junior personnel in equivalent leadership positions with the requisite leadership skills necessary to function as effective leaders and managers within their job positions. Throughout the course, several different principles and concepts will be introduced, examined, and discussed in detail to fully explore the focal point. This course is intended to provide the student with an understanding of the role and responsibilities of a leading supervisor. Class Size: Maximum: 25 Students Minimum: 10 Students Requirements: -Classroom with desks and chairs of sufficient size suitable for inst.-Students are encouraged to bring their own writing utensils.ETC will provide: -Training materials

PRE-REQUISITE: Students should be junior enlisted.

COURSE NOTES:

P309322	MTT PETC	U	MTT LEADERSHIP PRINCIPLES (SENIOR ENLISTED)	2w	VAR	
ECL:				**EIMET:**	No	

This course is designed to prepare senior enlisted to better fulfill their expanded leadership and management responsibilities and to strengthen the senior enlisted commitment to professional excellence and mission accomplishment. Curriculum focuses on leadership competencies in accomplishing the mission, leading change, leading and working with people, and resource management. The course is presented in an open forum discussion and encourages the sharing of ideas and experiences, reasoning in problem solving and fosters self-confidence and team building concepts to strengthen and develop strong leaders. Requirements: -Classroom with desks and chairs of sufficient size suitable for inst-Access to head and shower facilities-Must have physical fitness training attire (Running shoes, gym shorts and T-shirts) ETC will provide: -Training materials

PRE-REQUISITE: Students should be senior enlisted

COURSE NOTES:

P309323	MTT PETC	U	MTT LEADERSHIP PRINCIPLES (JUNIOR OFFICER)	0.2w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students with the roles and responsibilities of Junior Officers and their education. They will be responsible for the planning and execution of division level functions including the professional and personal growth of personnel within that division. Course contents will be tailored to meet requesting country's requests and capabilities. Course includes discussions surrounding what makes a good leader and how to motivate personnel. Class Size: Maximum: 25 Students Minimum: 10 Students Requirements: -Classroom with desks and chairs of sufficient size suitable for inst ETC will provide: -Training materials

PRE-REQUISITE: Students should be junior officers.

COURSE NOTES:

P309324	MTT PETC	U	MTT BASIC RIVERINE OPERATIONS	2w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students with the concepts and execution of various aspects of basic riverine operations. Course topics include river familiarization, navigation refresher training, formation driving, advanced maneuvers, shouldering, weapons employment, layered defense, defensive maneuvers, blockade operations, patrol operations, force landing / extraction support operations and Patrol Order Briefs. Course contents will be tailored to meet partner country's requests and capabilities. Class Size: Maximum: 15 Students / 4 Boats Minimum: 6 Students / 3 Boats Requirements:-Classroom with desks and chairs of sufficient size suitable for inst-Training area of sufficient size to practice riverine operations-Appropriate riverine capable boats -Fenders for the boats -Life jackets for each student-Pier facility for the boats ETC will provide:-Life jackets for instructors-Training materials

PRE-REQUISITE: Students should be experienced small boat coxswains. Students should be designated for riverine coxswain billets.

COURSE NOTES:

P309325	MTT PETC	U	MTT BOAT OPS LVL I - SMALL BOAT COXSWAIN/NAV	1w	VAR	
ECL:				**EIMET:**	No	

This course familiarizes students with procedures to be followed for the safe and effective operation of small boats (less than 15 meters in length). Course contents will be tailored to meet partner country's requests and capabilities. Course topics include basic coxswain skills, navigation, towing, deck seamanship, marline spike seamanship, fire fighting, and engineering casualty control. Class Size: Maximum: 20 Students / 4 boats Minimum: 10 Students / 2 boats Requirements: -Classroom with desks and chairs of sufficient size suitable for inst-Training area of sufficient size to practice navigation-One operational boat for every five students-Fenders for the boats-Life jackets for each student-Pier facility for the boats ETC will provide:-One three-strand manila line-Double braided synthetic line-Training materials-Life jackets for instructors

PRE-REQUISITE: Students should be designated for coxswain billets

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309327	MTT PETC	U	MTT INTERMEDIATE WORKING DOG HANDLER	0w	VAR	
ECL:				**EIMET:**	No	

This course will enhance the performance of individuals assigned and trained to the basic level in duties associated with the detection of explosives and/or illicit narcotics through the use of assigned and trained working dogs. Teach responsible care, welfare and continuous training of assigned dogs to ensure physical conditioning and proficiency are maintained. Instruct personnel on how to maintain administrative records associated with the use and maintenance of assigned working dogs to maintain an efficient program. Duration: Based on PN requirements (8 hours per day)Class Size: Based on PN requirements Requirements:-Classroom with desks and chairs of sufficient size suitable for instruction.-Training area of sufficient size available that is or simulates the actual team working environment Equipment Requirements:-Training Aids (Narcotic/Explosives)

PRE-REQUISITE: Must be an established working dog team with basic level training.

COURSE NOTES:

P309328	MTT PETC	U	MTT WORKING DOG PROGRAM EXECUTIVE LEVEL SEMINAR	1w	VAR	
ECL:				**EIMET:**	No	

This course will familiarize organizations interested in establishing a working dog program with all logistical requirements associated with such programs. Instruct organizations on how to supervise working dog teams. Provide guidance on the procurement and selection of effective working dog candidates as well as equipment and facility selection and maintenance. Provide guidance on how to manage, supervise and administer training and utilization of assigned working dog teams. Provide guidance on how to properly control and issue narcotic/explosive training aids. Provide guidance on the maintenance of historical and training records and all other data pertaining to each working dog. Duration: 5 days / (8 hours per day)Class Size: Maximum: 25 students Minimum: 5 students Requirements: Classroom with desks and chairs of sufficient size suitable for instruction.ETC Will Provide: Training Materials

PRE-REQUISITE:

COURSE NOTES:

P309329	MTT PETC	U	MTT PARTNER NATION ASSESSMENT	1w	VAR	
ECL:				**EIMET:**	No	

A Partner Nation Assessment (PNA) is designed to establish an initial comprehensive view of the capabilities of a particular Partner Nation (PN) prior to formalized engagement by an ETC Mobile Training Team (MTT). A PNA is typically accomplished 3-6 months in advance of a projected MTT mission and is designed to optimally align PN desires and needs with the goal of the respective geographic Component Commander. A detailed PNA is essential to providing an in-depth view of a PN's maritime and expeditionary threats and also examines the existing facilities, equipment, and capabilities. The result of a PNA is a set of recommendations, including customized ETC courses of instruction, which are then implemented by deployed MTTs. A PNA ensures the optimal and most effective use of available Security Assistance resources. Duration: Typically one week in Partner Nation and usually carried out by an ETC team of 2-3 members. ETC Will Provide: A recommended list of Partner Nation officials to meet and sites to visit. These will usually include various ministerial offices along with applicable port and maritime locations.

PRE-REQUISITE: Partner Nation should have an established Security Assistance program and an expressed need for one or more of the training programs offered by ETC.

COURSE NOTES:

P309330	MTT APS HOS	U	MTT APS MDA INTERAGENCY OJT & MENTORING	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Interagency On-the-job Training and MentoringTrainer: US Naval Control and Guidance of Shipping (NCAGS)Students: Navy and agencies that have a responsibility for national maritime surveillance (marine police, Fisheries, marine parks).Description: This course introduces students to the concept of MDA in the host nation environment. It will be tailored to fit the national environment, level of development and equipment types. The course topics include: introduction to MDA, basic computing, MDA software systems (TV32, MPM300, MSSIS), open source MDA sites, ship reccognition, using AIS web sites, maritime surveillance, radar operation, AIS systems, radio communication and system maintenance. The class will include visits to other operations centers (fisheries, port authority, maritime rescue center) to understand the capabilities and contributions of other agencies to national maritime surveillance. Students will be expected to present a brief to their commanding officer on an MDA topic important to their organization. Regional Country Participants will be programmed under P279330.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309331	MTT APS HOS	U	MTT APS FISHERIES ENFORCEMENT	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Fisheries EnforcementTrainer: European partner and/or International Monitoring, Control and Surveillance Network (IMCS) LNGOStudents: Navy and agencies that have a responsibility for fisheries protection (marine police, Fisheries, marine parks, NGOs). Description: This course will emphasize the economic importance of stopping illegal, unregulated and unlicensed fishing in the national and international context. One of the main aims is to build professional relationships between the agencies that repsond to and prosecute IUU fisheries crimes. Interagency learners will recieve training from host nation experts on fisheries laws, evidence collection, and prosecution of fisheries crimes. Students will then work with fishing trawlers to practice fisheries boarding. They will also practice inspecting vessels using checklists based on local law: net sizes, gear, log books, catch species, protected marine mammals etc. Students then work with the operations center to plan a fisheries enforcement mission and execute that mission utilizing host nation vessels under host nation authorities. Regional Country Participants will be programmed under P279331.

PRE-REQUISITE:

COURSE NOTES:

P309332	MTT APS HOS	U	MTT APS FISHERIES MANAGEMENT	0.4w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Fisheries ManagementTrainer: NOAAStudents: Navy and agencies that have a responsibility for fisheries protection (marine police, Fisheries, marine parks, NGOs).Description: Students will recieve training from international fisheries experts on the management of fish stocks, treaties on protected mammals, methods of ensuring sustainable fisheries, fisheries observer programs, unsustainable fishing practices (small net sizes, pair trawling, dynamite and cyanide fishing etc) and promoting sustainable fishing techniques and laws (rights based fishing, open and closed seasons for different species, management of trawler fleets etc).Regional Country Participants will be programmed under P279332.

PRE-REQUISITE:

COURSE NOTES:

P309333	MTT APS HOS	U	MTT APS ENVIRONMANTAL MGT/POLLUTION CONTROL	0.6w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Environmental Management/Pollution ControlTrainer: NAVSEAStudents: Navy and agencies that have a responsibility for environmental protection (marine parks, environmental protection agency). Description: This workshop will discuss common Navy environmental management techniques to improve safety and prevent pollution. Topics of the workshop will be tailored to the host nation and may include: oil spill prevention and abatement, waste management, hazardous material handling, potable water, ammunition storage, energy conservation techniques, recycling, fuel management, solar power, safe weapons handling and storage, water and air sampling and testing.Regional Country Participants will be programmed under P279333.

PRE-REQUISITE:

COURSE NOTES:

P309334	MTT APS HOS	U	MTT APA MARITIME STAKEHOLDERS MEETING	0.2w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Maritime Stakeholders MeetingFacilitator: NAVAF, Africa Center for Strategic StudiesStudents: Navy and other maritime stakeholders - Fisheries Dept, Port Authorities, Police, Merchant Marine, Justice Dept, Fisheries Cooperatives. Description: This is a one day seminar designed around a topic of maritime safety and security important to the host nation (maritime security, piracy, IUU fishing etc). The morning session will comprise a rounftable discussion in which a senior representative from each agency will outline the role of their organization and the ways that they contribute to national maritime security (personnel, sueveillance equipment, response capability - boats etc). The afternoon session will be devoted to a discussion on the best ways to improve maritime security cooperation between military and civilian agencies. The meetong will be led by a facilitator who is an expert in maritime security or the topic chosen (eg oil protection, IUU fishing etc). Regional Country Participants will be programmed under P279334.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309335	MTT APS HOS	U	MTT APS OPS CENTER MANAGEMENT	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Ops Center ManagementTrainer: Naval Control and Guidance of Shipping Students: Navy and other maritime stakeholders that have a maritime surveillance function (police, fisheries, port authority)Description: National capacity building program that helps develop or improve operations center management through practical, on the job training. Outputs include standard operating procedures, watch bills, daily reports, command and control procedures, dissemination and briefing of information, use of fused data and equipment troubleshooting guides and long term maintenance plans. Regional Country Participants will be programmed under P279335.

PRE-REQUISITE:

COURSE NOTES:

P309336	MTT APS HOS	U	MTT APS SHIPBOARD METEOROLOGY	0.6w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Shipboard MeteorlogyTrainer: NAVAF Students: Navy junior officers or senior enlisted personnel with maritime weather responsibilities Description: Introduction to marine weather in the tropical environment. Interpretation of weather charts. Introduction to weather based internet sites. Briefing weather reports to Commander and crew. Regional Country Participants will be programmed under P279336.

PRE-REQUISITE:

COURSE NOTES:

P309337	MTT APS HOS	U	MTT APS ADVANCED MARINE METEOROLOGY WORKSHOP	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Advanced Marine Meteorology workshopTrainer: NAVAF/US University Students: Navy scientific officers and national weather forecastersDescription: Production of marine weather reports for Navies. Sources of marine weather information. The course will help countries to design and disseminate useful marine weather reports to Navies and other maritime agencies in a timely manner. Key topics include: reading terminal aerodome forecast reports, interpreting data from weather balloons (vertical environment), writing weather forecasts, interpreting weather model data (meteogram), understanding sea ststes, basic climatology. Regional Country Participants will be programmed under P279337.

PRE-REQUISITE:

COURSE NOTES:

P309338	MTT APS HOS	U	MTT APS EQUIPMENT MAINT WORKSHOP	4w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Equipment Maintenance WorkshopTrainer: NAVAF, Volpe, NAVAIR, SPAWAR, Contractors, Host Nation ops center managementStudents: Naval or other agency personnel responsible for operations center Management Description: The aim of this workshop is to develop a long term plan for the maintenance and improvement of the Maritime Domain Awareness capability. This will include hardware, software, human factors, infrastructure and sytem administration. The workshop will be host nation led with US providing the technical experts to support host nation goals. The workshop will be focused on the equipment provided by the US, including hardware and software that supports radar, AIS and other equipment. The output should be a five year plan that covers the issues such as: infrastructure, standard maintenance, contractor support, system administration, upgrades to software and hardware, environmental and virus protection and accountability of hardware. Regional Country Participants will be programmed under P279338.

PRE-REQUISITE:

COURSE NOTES:

P309339	MTT APS HOS	U	MTT APS MARITIME INTELLIGENCE WORKSHOP (MIW)	10w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Maritime Intelligence Workshop (MIW)Description: The Basic maritime intelligence workshop focuses on intel concepts and fundamentals: Op-Intel basics, watch floor operations, introductory analysis, and operational security. Regional Country Participants will be programmed under P279339.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309340	MTT APS HOS	U	MTT APS MARITIME INTELL & OPS FUSION CEN (MIOFC)	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Maritime Intelligence and Ops Fusion Center (MIOFC) Workshop Description: Designed to prepare analysts, boarding teams and maritime security specialists to utilize operational and actionable intelligence reporting, learn gathering and exploitation techniques for maritime security operations. Regional Country Participants will be programmed under P279340.

PRE-REQUISITE:

COURSE NOTES:

P309341	MTT APS HOS	U	MTT APS MARITIME INTELL COUNTER TRAFFICKING (MICT)	1w	VAR	
ECL:				**EIMET:**	No	

APS MTT in support of the African Partnership StationMTT-Maritime Domain Awareness Advanced Marine Intelligence Counter Trafficking (MICT) Workshop Description: Basic illicit trafficking fundamentals designed to maximize the effectiveness of operational and actionable intelligence reporting, gathering and exploitation for maritime security operations. Regional Country Participants will be programmed under P279341.

PRE-REQUISITE:

COURSE NOTES:

P309342	MTT PCIS	U	MTT NCIS TACTICAL OPS SEMINARS	0w	VAR	
ECL:				**EIMET:**	No	

Naval Criminal Investigative Service, Security Training Assistance and Assessment Team. Tactical Operations Seminars PROTECTIVE SERVICE OPERATIONS:1. Location: Various 2. Length: 10 Days 3. Maximum Number of Participants: 18 Description: This exchange helps participants learn the importance of route analysis and selection, and accurate intelligence. Emphasis is placed on methods and strategy to prevent attacks against the Principal or the Team. However, participants will become proficient in the skills necessary to defend against organized assaults. Small arms attacks on principal drills, Cover and Evacuation and wounded man drills are simulated on live fire ranges when available. This seminar can be designed for hostile or permissive environments. Seminar Topics include: 1. Introduction to Protective Service Operations 2. Threat Types and tactics 3. Introduction to motorcades 4. Route analysis 5. Mounts and Dismounts 6. Advances 7. Protective Operations Planning 8. Route Analysis Mapping & Planning 9. Walking Formations 10. Protocol 11. Officer Trauma ResponseParticipant/Instructor Ratio: Dependant on the number of participants and instructors available. Class-18:1 Lab-6:1. Required Support: Red guns, vehicles, weapons, holsters, intra squad radios, ammo if using live fire weapons on a hot range.SECURITY DETAIL DRIVING:1. Location: Various 2. Length: Five Days 3. Maximum Number of Participants: 18 Description: This exchange is designed to introduce evasive driving techniques, discuss vehicle dynamics and procedures to properly escort Principals, VIP's and critical supplies under various threat conditions and potentially dangerous situations.Seminar Topics include: 1. Vehicle Inspection 2. Evasive Driving 3. Speed Control 4. Emergency Transfers 5. Driving Exercises (12 LABS) 6. Vehicle Inspection 7. Serpentine 8. Threshold Braking 9. Lane Change 10. J Turn 11. Y Turn 12. Driveway Turn 13. Backing Turn 14. Backing 15. Postal Driving 16. Emergency TransfersParticipant/Instructor Ratio: Dependant on the number of Participants and instructors available. Class -18:1 Labs - Max 6:1 utilizing 3 vehicles. Prerequisites: Good Physical Shape, Valid Drivers' License.Required Support: Classroom, Paved area minimum of 1200'X 300', 50 cones, vehicles in good operable condition and meet safety standards, minimum of 1 car per 3 participants. SMALL UNIT MOVEMENT AND PATROL TACTICS: 1. Location: Various 2. Length: Three days 3. Maximum Number of Participants: 18 Description: This exchange covers information for a 7 man foot patrol using the following skill sets:Seminar Topics include 1. Line of March/Formations 2. Communications 3. Field of Fire 4. Fire & Maneuvers/movement (leapfrogs, peels and flanking) 5. Contact (hostile) front, right, left and rear 6. Utilization of Hand & Arm Signals 7. Rally Points & Equipment checksParticipant/Instructor Ratio: Class - 18:1 Lab - 6:1 Prerequisites: NoneRequired Support: Classroom, outdoor location for practical scenarios, load bearing equipment, Red Guns, radios, and projector.ACTIVE SHOOTER RESPONSE 1. Location: Various 2. Length: Five Days 3. Maximum Number of Participants: 18 Description: This exchange is designed for patrol officers that would be the first to respond to an active shooter or any other type of violent crime. It is not designed for hostage negotiation situations, or special weapons and tactics situations. Upon completion of the Active Shooter Response exchange, participants will obtain the necessary knowledge, skills and abilities to function as a member of an Active Shooter Response Team.Seminar Topics include 1. Case Studies 2. Rapid Response 3. Apprehension 4. Introduction to Improvised Explosives 5. Tactical Communication 6. Active Shooter Crime Scene 7. Active Shooter Weapons Handling 8. Contact Team Movement 9. Active Shooter Rescue Team Movement 10. Bleeding Control 11. Basic Lifesaving Skills Participant/Instructor Ratio: Class - 18:1 Lab - 6:1 Prerequisites: Good Physical Shape, Authorized Gun Carrier Required Support: Classroom and building with access to halls, stairs ways and rooms. An area to conduct scenarios (labexercises) If available areas must be able to support Airsoft Training. Red guns, web duty belts, handcuffs, role players, intra squad radios..OFFICER TRAUMA RESPONSE 1. Location: Various 2. Length: Two Days 3. Maximum Number of Participants: 18 Description: This exchange provides skills to first responders in crisis situations for traumatic injuries to include: excessive bleeding, penetrating chest injuries, extremity and spinal injuries and burns.Seminar Topics include 1. Bleeding Control 2. Treatment of Chest Injuries 3. Bandaging of injuries 4. Immobilization Techniques 5. Injury Surveys 6. Treatment and communication Priorities 7. Transportation of the injured. Participant/Instructor Ratio: Class - 18:1 Lab - 6:1 Prerequisites: None Required Support: Classroom, building and outside area to conduct movement of simulated injured personnel.

PRE-REQUISITE: Basic small arm safety skills.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309343	MTT PCIS	U	MTT NCIS LAW ENFORCEMENT OPERATIONS SEMINARS	0w	VAR	
ECL:				**EIMET:**	No	

Naval Criminal Investigative Service, Security Training Assistance and Assessment Team. Law Enforcement Operations Seminars LAW ENFORCEMENT TECHNIQUES 1. Location: Various 2. Length: 5 Days 3. Maximum Number of Participants: 18 Description: This seminar is designed to provide the officer responding to various law enforcement situations with effective techniques for dealing with such situations. Numerous laboratory exercises are presented to support seminar topics. Seminar Topics include: 1. Observation & Assessment Field Interviews 2. Apprehension (handcuffing, searching, transporting) 3. Unarmed Individual Self Defense Skills 4. Crime Scene Preservation of Evidence 5. Vehicle Stops & High Risk Vehicle Stops 6. Introduction to Improvised Explosive Devices 7. Vehicle Inspections (VBIED) 8. Tactical Movements (CQB) 9. Rapid Response Active Shooter 10. Baton Techniques Participant/Instructor Ratio: Class - 18:1 Lab - 6:1 Prerequisites: Note: A law enforcement background is recommended and physically fit for duty. Required Support: Classroom and building with access to halls, stairs ways and rooms. An area to conduct scenarios (lab exercises). Strike bags, training batons, floor mats, Red guns, web duty belts vehicle inspection mirrors, handcuffs, Hand held radios and police vehicles and unmarked vehicles, role players. BOMB THREAT MANAGEMENT 1. Location: Various 2. Length: 4 Hours 3. Maximum Number of Participants: 18 Description: Classroom and practical scenario's on how, when and in what order to search a building or facility after receiving a Bomb Threat. Seminar Topics include:1. Handling Procedures 2. I.E.D. recognition 3. Explosive definitions 4. Delivery Methods 5. Components of I.E.D.'s 6. Mitigation7. Receiving Threats 8. Evacuation9. Search methods and procedures10. Equipment11. Search Teams Participant/Instructor Ratio: Class - 18:1 Lab - 6:1Prerequisites: None Required Support: Classroom, inert I.E.D.'s, Building for practical scenario. SURVEILLANCE DETECTION 1. Location: Various 2. Length: 3 to 5 Days 3. Maximum Number of Participants: 18 Description: This seminar enables participants to conduct basic surveillance detection and analysis to protect a facility, area or VIP, and identify vulnerabilities within a facility. The seminar will also present designated personnel with the ability to assemble a surveillance detection team/unit and assist those members in monitoring specified areas to detect surveillance. The participants will be able to conduct detailed facility, area and route analysis, which will identify, limit, and correlate surveillance signatures and locations. This seminar can be tailored to cover a single facility (3 days) or a large area when a VIP may be visiting many venues (5 days). Numerous laboratory exercises are presented to support seminar topics. Seminar Topics include: 1. Introduction to Terrorism & Terrorist Operations 2. Surveillance Methodology 3. Facility & Area Analysis 4. Route Analysis 5. Route Analysis Mapping & Planning 6. Surveillance Detection Planning & Reporting Participant/Instructor Ratio: Class - 18:1 Lab - 6:1Prerequisites: None Required Support: Area or areas to conduct practical scenarios. Vehicles, hand held radios, cell phones, role players and laptop computers, digital cameras. CRIME SCENE INVESTIGATIONS1. Location: Various2. Length: 5 Days3. Maximum Number of Participants: 18Description: This seminar is intended to provide participants with the knowledge and skills to thoroughly process a crime scene. Through lecture and demonstration participants shall process a "mock" crime scene using knowledge and skill sets obtained in crime scene response, evidence collection, documentation and management, photography, finger printing and I.D. procedures, response to terrorist bombings and drug recognition. Seminar Topics include 1. CSI Introduction 2. Crime Scene Response 3. Crime Scene Duties and Responsibilities4. Evidence Collection 5. Crime Scene Documentation 6. Crime Scene Management (practical) 7. Crime Scene Photography 8. Crime Scene Impressions 9. Fingerprint I.D. 10. Fingerprint Collection and Processing 11. Crime Scene Evidence (practical) 12. Incident Response to Terrorist Bombing, Terrorism & Energetic Materials 13. Recognition & ID of Energetic Materials 14. Incident Response 15. Suicide Bomber 16. Crime Scene Response (practical) 17. Drug Recognition 18. Rave & Club Drugs 19. Traffic Stops 20. Clan Lab and Safety 21. Crime Scene Processing (practical)Participant/Instructor Ratio: Class - 18:1 Lab - 6: 1Prerequisites: None Required Support: Small rooms, training/adhoc drugs, glass or soda can, 4 digital cameras, expended shell casing, 4 print kits, safety glasses and rubber gloves, training INERT IED/explosive, 2 vehicles, large parking lot. MECHANICAL ADVANTAGE CONTROL HOLDS 1. Location: Various2. Length: 3 Days 3. Maximum Number of Participants: 18 Description: This seminar discusses and performs the 5 basic Mechanical Advantage Control Holds for non-compliant subjects/suspects. Seminar Topics include: 1. Proper MACH take down techniques 2. Subject escort positions 3. Handcuffing techniques4. Team control holds 5. Team handcuffing techniques 6. Baton MACH techniques. Participant/Instructor Ratio: Class - 18:1 Lab - 6:1 Prerequisites: None Required Support: Shields, foam batons, non-lethal weapons, riot-gear, and medical personnel.

PRE-REQUISITE:

COURSE NOTES:

P309344	MTT PCIS	U	MTT NCIS MARITIME OPERAITONS SEMINARS	0w	VAR	
ECL:				**EIMET:**	No	

Naval Criminal Investigative Service, Security Training Assistance and Assessment Team. Maritime Operations Seminars PORT SECURITY 1. Location: Various 2. Length: 5 Days 3. Maximum Number of Participants: 18 Description: This seminar provides participants with lesson topics and practical application in mitigating hostile threats/actions against personnel, resources, and ports. The participant will practice developing protective measures utilizing the Deter, Delay, Defend and Mitigate concepts. Lesson Topics include 1. Introduction to Ports 2. Physical Security 3. ISPS Vulnerability Categories 4. Plans Policies & Procedures 5. Anchor Out & Fleet Landing 6. Threats 7. Waterside Security 8. Port Vulnerability Walkthrough 9. Vulnerability Walkthrough Discussion 10. Inspections - Containers 11. Inspections - Containers Lab 12. Inspections - Warehouse 13. Inspections - Warehouse Lab 14. Inspections - Pier Sweeps 15. Inspections - Pier Sweeps Lab 16. Inspections - Vehicle 17. Inspections - Vehicle Lab Participant/Instructor Ratio: Class - 18:1 Lab - 6:1 Prerequisites: None Required Support: Classroom and Port Facility. PHYSICAL SECURITY 1. Location: Various 2. Length: 4 Days 3. Maximum Number of Participants: 18 Description: This seminar provides participants with lesson topics practical application in mitigating hostile threats/actions against personnel, resources, facilities and ports. The participant will practice developing protective measures utilizing the Deter, Delay, Defend and Mitigate concepts. Lesson Topics include 1. Access Control 2. Lighting 3. Barriers 4. Waterside Security 5. Anchor Out & Fleet Landing 6. Personnel Inspection 7. Personnel Inspection Lab 8. Introduction to Terrorism 9. Improvised Explosive Devices 10. Shipboard Security 11. Shipboard Security Walkthrough Participant/Instructor Ratio: Class - 18:3 Lab - 6:1 Prerequisites: None Required Support: Classroom and Port Facility.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309345	MTT POO	U	MTT LINK 16 NETWORK TRAINING		VAR	
ECL:				**EIMET:**	No	

To test and train on link 16 network loads and relay using radio's for extended line of sight coverage in the Country of the Netherlands. Using an aerostat balloon we will extend line of sight Link 16 coverage from the southern portion of the Netherlands to the northern portion of their country.

PRE-REQUISITE:

COURSE NOTES:

P309346	MTT PCP	U	MTT HEALTH EMERGENCIES IN LARGE POPULATIONS (HELP)	2w	VAR	
ECL:	80			**EIMET:**	No	

The Center of Excellence in Disaster Management and Humanitarian Assistance (COE) offers an International Military Education and Training (IMET) workshop course entitled Health Emergencies in Large Populations (HELP) exportable on demand to all Security Assistance eligible countries. All course offerings can be resourced with IMET funds, or host nation funds (on and FMS case) and will be open to enrollment by other SA eligible countries to enhance the multinational flavor of the course. The Center for Excellence in Disaster Management and Humanitarian Assistance in collaboration with the International Committee of the Red Cross and academic partnership with the University of Hawai'i at Man≤a's Office of Public Health Studies, offers the Health Emergencies in Large Populations as an introductory course designed to provide military service members and (self funded) civilian agencies with a foundation of information regarding the role of health and public health in complex humanitarian emergencies in the international arena. Graduates of this course will be better prepared to accomplish humanitarian assistance missions, equipped with the tools and decision-making skills needed to achieve the desired outcomes of their commands and enable them to plan coherent, appropriate relief actions within their theaters of operations. COURSE OBJECTIONS:The key objectives of the course are to provide instruction and technical assistance to: 1) Select methods for assessing specific emergency situations in the field; 2) Identify the key players, as well as their roles and objectives, in complex humanitarian emergencies and natural disasters; 3) Apply components of health systems strengthening to complex emergencies and natural disasters, assessing the coordination and interplay among all organizations, people and actions whose primary intent is to promote, restore and maintain health; 4) Discuss the definitions and unique issues in coordination, public health, security, humanitarian law, human rights, and logistics necessary to support humanitarian operations in response to complex emergencies and natural disasters.The two- week (80 hour) program emphasizes an understanding of the major participants, lessons learned from previous complex humanitarian emergencies, key public health issues, health services in complex humanitarian emergencies, application of health systems strengthening components to complex emergencies; concerns of refugees and internally displaced persons, international humanitarian law, human rights, security issues, civil-military operations, and measures of effectiveness as the primary topics. COE's instruction will be consistent with graduate-level professional programs and is paired with the option for participants to receive graduate-level credits, accredited through the University of Hawaii at Manoa's Office of Public Health Studies (at additional cost). The course is designed to be an intensive, focused-learning experience. Once students complete this course, they will be familiar with UN, regional, multi-national, and humanitarian interagency coordination, public health, health systems strengthening, security and logistics. This course is designed for rising, mid-level professionals and leaders working within organizations that plan and execute peacekeeping, civilian health emergency and disaster relief operations, or develops and implements such policy, or conduct educational/training programs in support of these operations.At the end of this course, the students will be better prepared for participation in responses to complex emergencies and natural disasters in a multi-national coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangementsto meet changing operational requirements. FACULTY TEAMS COE culminates global experts in the various disciplines and areas necessary to respond to complex emergencies and natural disasters. COE faculty teams consist of proven military and civilian subject-matter experts. TRANSLATION The course is normally taught in English. An English Comprehension Level (ECL) of 80 is required by participants. COST The cost of the course per student is based on several factors including total enrollment, location, venue and cost of translation services, if requested. Course costs do not include participant travel and per diem expenses. These must be programmed separately by host nations and SCOs.

PRE-REQUISITE:

COURSE NOTES: At this point, the HELP MTT is only available to countries in the Asia Pacific. Other countries may access this training via MASL P175018, which is offered as a multilateral civ-mil offering in coordination with the University of Hawaii at Manoa, Honolulu, HI, O/A July each year.

P309347	MTT PAG	U	MTT DEVELOPING USER REQUIREMENTS	0.8w	VAR	
ECL:	70			**EIMET:**	No	

Description:Training Ship's officer's/crew USN methods of evaluation procedures. They will in turn teach other personnel within their military.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309348	MET ATM	U	MET LOGISTICS AND LIFE CYCLE MANAGEMENT	1w	VAR	
ECL:				**EIMET:**	No	

This course examines components and characteristics of effective logistics systems. Emphasis is placed on identification of the life cycle phases, and the important considerations in developing cost models that predict the likely total ownership cost of a major weapon system.Objectives:The key objectives of this course are to: 1. Examine the fundamental concepts and framework for structuring an effective logistics management system. 2. Examine and apply, in detail, best practices in improving logistics systems to enhance participantsÆ understanding of methods that lead to successful logistics management systems. 3. Understand and utilize financial and other necessary logistics management tools. 4. Develop periods and phases of the acquisition life cycle which include key decision points, such as identification of project goals, project products, business budget and technical considerations. 5. Provide course participants with the tools and techniques necessary to develop reasonable life cycle cost models for armaments projects. 6. Assist organizations in their efforts to develop and institutionalize efficient and effective problem solving and decision making techniques related to logistics, sustainment of systems, and life cycle management. Topics include logistics planning, acquisition logistics, logistics program implementation, lifecycle management, total ownership cost model, life cycle cost, RAM (reliability, maintainability, and availability), and test and evaluation.Learning methodologies include lecture, open discussion, in class exercises and case studies. Course participants will work on a small group project aimed at development of a range of estimate for the purchase, sustainment, and disposal of a major weapon system considering factors such as organic versus contractor logistics support, risks, and international factors that influence cost. Participants: This course is designed for international military officers and civilian equivalents of grades 04-06 who participate in and/or manage logistics and life cycle management of projects.Course Dates:The course is exported and customized given a country's specific requirements. Please contact IDARM Program Manager for scheduling.

PRE-REQUISITE:

COURSE NOTES:

P309349		U	MTT PACOM		VAR	
ECL:				**EIMET:**	No	

Generic PACOM MTT for planning purposes

PRE-REQUISITE:

COURSE NOTES:

P309350	MTT PAF	U	MTT JOINT PLANNING OPS	1w	VAR	
ECL:				**EIMET:**	No	

Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P309351	MTT PCL	U	MTT HYPERBARIC OXYGEN THERAPY	1w	VAR	
ECL:				**EIMET:**	No	

Origins of hyperbaric oxygen therapy: Essentially a history lesson discussing the development of and transition from hyperbaric air to hyperbaric oxygen treatment. It also covers what HBO2 is and what it is not - i.e. TOPOX, mild hyperbaric therapy, self-administered home treatment. Topics include: Basic HBO2 Physiology, Accepted Clinical Indications, Non-Accepted Clinical Indications, HBO2 Research and Potential Indications, Current Concepts in Wound Care, HBO2 Contraindications and Complications, Transcutaneous Oximetry, Patient Selection, Assessment and Management, Treatment Table Consideration, and Altitude DCS.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309352	MET PGS	U	MET MARITIME SECURITY CERTIFICATE	4.4w	VAR	
ECL:				**EIMET:**	No	

A NPS International Maritime Security educational program to give coalition military officers, law enforcement, and civilian leadership an foundational knowledge of the international maritime security environment, an understanding of tools and technology for cross organization and agency coordination to provide maritime security, and the ability to build the foundation for institutional integrity and the technical systems for maritime security. Learning Objectives: COURSE 1: Introduction to Maritime Security a. Understand the concept of maritime commons and impact on global trade b. Discuss international agreements and U.S. strategy documents concerning maritime security c. Be familiar with the threats and vulnerabilities of maritime networks d. Understand foundational measures necessary to establish maritime security in a global environment MODULE 1: Introduction MODULE 2: Laws & Agreements MODULE 3: The Threat Domain MODULE 4: Resources MODULE 5: Framework MODULE 6: Maritime Commerce MODULE 7: Singapore Case Study MODULE 8: Conclusion & Evaluation COURSE 2: Inter-Organizational Collaboration and Maritime Security a. Provide the tools to build collaborative capacity by introducing the concept of Civil-Military Fusion Center b. Focus on how to identify the challenges and enablers for effective inter-organizational systems theory as a diagnostic mechanisms to identify strategic cultural, structural, personnel, incentive, and technical factors c. Focus on how to identify strategic communication from the perspective of a network of organizations with both complementary and conflicting interests d. Interest-based negotiations as a mechanisms for collaborative planning MODULE 1: Open Systems MODULE 2: Action Planning MODULE 3: Stakeholders MODULE 4: Strategic Communication MODULE 5: Negotiation MODULE 6: Leading Networks COURSE 3: Maritime Security Resource Planning a. Explain how stability, efficiency and fairness relate to institutional integrity; b. Recognize how integrity, transparency and accountability affect mission integrity; c. Design and interpret an institutional integrity assessment instrument d. Select appropriate technologies to enhance a maritime security system MODULE 1: Foundations: Ethics and Public Policy MODULE 2: Geometric Integrity and Risk Assessment MODULE 3: Service, Solicitude and Sovereignty MODULE 4: Framework for Assessment of Materiel Requirements MODULE 5: Observe MODULE 6: Orient/Decide MODULE 7: Act MODULE 8: Infrastructure Students will be evaluated through: Seminar discussions Written papers Exercise participation

PRE-REQUISITE:

COURSE NOTES:

P309353	MTT PDA	U	MTT NCAGS MOBIL TRAINING TEAM		VAR	
ECL:				**EIMET:**	No	

To provide Naval Coordination and Guidance for Shipping (NCAGS) Communications, Operations, and Procedures Training. Scope: This course can be tailored to the country's requirements.Special Notes: This course is associated with training provided under resident training MASLs P179075, P179076, and P179134

PRE-REQUISITE:

COURSE NOTES:

P309400	CIVCONTR	U	MTT ADL ASSESS AND SURVEY	1w	VAR	
ECL:				**EIMET:**	No	

ADL NEEDS ASSESSMENT AND SURVEY The Advanced Distributed Learning (ADL) Needs and Assessment Survey helps participant countries to assess their infrastructure s ADL readiness. The survey will be tailored to the DSCA approved foreign military customer and consist of a brief ADL Readiness Overview followed by an in-depth ADL Needs Assessment Survey conducted by the ADL Mobile Education Team. The survey will be conducted in English. Phase 1: ADL Readiness Overview ╖ Introduces key ADL concepts ╖ Discusses ADL Needs Assessment and Survey approach Phase 2: ADL Needs Assessment Survey ╖ ADL technical team members will conduct a detailed survey of the participant country s current state of ADL readiness ╖ Based on this initial information, the ADL Mobile Education Team will develop specific recommendations and "next steps" that can serve as a starting point for ADL implementation Phase 2 of the survey consists largely of one-on-one interaction between the ADL Mobile Education Team and representatives of the DSCA approved foreign military customer. An ADL readiness report will be provided to the host country within thirty days of the completion of the on-site ADL Needs Assessment and Survey. The report will provide an assessment of the host country s ADL readiness and recommend next steps to minimize weaknesses and capitalize on strengths.

PRE-REQUISITE:

COURSE NOTES:

P309401		U	MTT ADV DISTRIBUTED LEARN	1w	VAR	
ECL:				**EIMET:**	No	

This is a follow-up MET programmed AFTER the initial survey MTT (P309400).

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309402	MTT NET	U	MTT COMMAND LEADERSHIP	1w	VAR	
ECL:	EC			**EIMET:**	No	

MILITARY TEAM TRAINING COMMAND LEADERSHIP Military Team Training to reinforce the fundamental tenets of naval leadership and provide an improved decision making foundation for officers assuming the responsibilities of command. Note: This training taught in CONUS - P171025.

PRE-REQUISITE:

COURSE NOTES:

P309403	MTT MWI	U	MTT MINE WARFARE ORIENT	1w	VAR	
ECL:				**EIMET:**	No	

MILITARY TRAINING TEAM MINE WARFARE ORIENTATION FOR INTERNATIONALS This MTT teaches concepts of U.S. Naval procedures for offensive and defensive mine warfare and is intended to indoctrinate international officers in the concepts of U.S. Naval procedures for offensive and defensive mine warfare and, through a program of orientation visits to civic, governmental, and military establishments, to acquaint the officers with the economic, industrial, cultural, and military structure of the United States, in accordance with the provisions of the Department of Defense Informational Program as implemented by OPNAVINST 4950.1. Objectives to be met, but limited to, developing rapport, understanding, and communications links; developing host country training self-sufficiency; further promote USN-ARA interoperability. Note: This training taught in CONUS - MASL P171221

PRE-REQUISITE:

COURSE NOTES:

P309404	MTT PAG	U	MTT AEGIS SHIP TRNG	1w	VAR	
ECL:				**EIMET:**	No	

AEGIS TRAREDCEN SHIPBOARD TRAINING

PRE-REQUISITE:

COURSE NOTES:

P309410	MTT APS	U	MTT AFRICAN PARTNERSHIP STATION (APS) HOST NATION	0w	VAR	
ECL:				**EIMET:**	No	

Regional Country Participants will be programmed under P279410.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309499	MET COE	U	MET SSTART COE	1w	VAR	
ECL:				**EIMET:**	No	

MET SECURITY, STABILITY, TRANSITION, AND RECONSTRUCTION TRAINING (SSTART) The Center of Excellence in Disaster Management and Humanitarian Assistance (COE) offers a custom-designed Expanded International Military Education and Training (E-IMET) workshop course entitled "Security, Stability, Transition, and Reconstruction Training " (SSTART) exportable on demand to all IMET recipient countries. The Security, Stability, Transition, and Reconstruction Training (SSTART) is an introductory course designed to provide military service members and civilian agencies with basic information about complex emergencies and post conflict stability operations in an international arena. The focus will be on the short term goals of providing security, restoring essential services, and meeting humanitarian needs in preparation for transition to long term goals. The need for long term goals of developing indigenous capacity for securing essential services, a viable market economy, rule of law, democratic institutions, and a robust civil society will be addressed, but specifics will be left for follow on training. Graduates of this course will be better prepared to accomplish humanitarian assistance missions in conjunction with stability operations as prescribed by their commands, in theaters of operations. The key objectives of the course are to provide instruction and technical assistance to: (1) Define the factors that influence the development of an environment of peace and stability versus development of a complex emergency. (2) Define the elements that constitute post conflict stability operations. Security Governance and participation Humanitarian assistance and social well being Economic stabilization and infrastructure Justice and reconciliation (3) Identify the key players, as well as their roles, objectives and capabilities, in post conflict stability operations. Particular emphasis will be given to the roles of the military and the humanitarian actors and the issues of civil-military relationships. (4) Discuss the unique issues in planning, coordination, public health, security, and logistics necessary to support stability operations. The five-day (40 hour) program emphasizes an understanding of the major participants, lessons learned from previous complex emergencies, key public health issues, concerns of refugees and internally displaced persons, international humanitarian law, security issues, civil-military operations, and measures of effectiveness as the primary topics. Students will be able to apply their knowledge in small group discussions and scenario driven exercises. COE s instruction will be consistent with graduate-level professional programs. The course is designed to be an intensive, focused-learning experience. Once students complete this course, they will be familiar with UN, regional, multi-national, and humanitarian interagency coordination, planning, public health, security and logistics. This course is designed for personnel serving in leadership positions of organizations that plan and execute humanitarian operations in conflict transition situations, including peacekeeping, complex and civilian health emergencies, and disaster relief operations; or develop and implement such policy; or conduct educational/training programs in support of these operations. At the end of this course, the students will be better prepared for participation in post conflict stability operations in a multi-national coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams: COE task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, COE faculty teams are r

PRE-REQUISITE:

COURSE NOTES:

P309500	MTT COE	U	MTT CHART COE	1w	VAR	
ECL:				**EIMET:**	No	

COMBINED HUMANITARIAN ASSISTANCE RESPONSE TRAINING (CHART): (The Center of Excellence in Disaster Management and Humanitarian Assistance (COE) offers a custom-designed Expanded International Military Education and Training (E-IMET) workshop course entitled "Combined Humanitarian Assistance Response Training (CHART) exportable on demand to all IMET recipient countries. The Combined Humanitarian Assistance Response Training (CHART) is an introductory course designed to provide military service members and civilian agencies with basic information about complex humanitarian emergencies in an international arena. Graduates of this course will be better prepared to accomplish humanitarian assistance missions, as prescribed by their commands, in theaters of operations. The key objectives of the course are to provide instruction and technical assistance to: (1) Define the factors that influence the development of a complex humanitarian emergency. (2) Identify the key players, as well as their roles and objectives, in a complex humanitarian emergency. (3) Discuss the unique issues in coordination, public health, security, and logistics necessary to support a humanitarian operation The five-day (32 hour) program emphasizes an understanding of the major participants, lessons learned from previous complex humanitarian emergencies, key public health issues, health services in complex humanitarian emergencies, concerns of refugees and internally displaced persons, international humanitarian law, security issues, civil-military operations, and measures of effectiveness as the primary topics. COE s instruction will be consistent with graduate-level professional programs. The course is designed to be an intensive, focused-learning experience. Once students complete this course, they will be familiar with UN, regional, multi-national, and humanitarian interagency coordination, public health, security and logistics. This course is designed for personnel serving in leadership positions of organizations that plan and execute Peacekeeping, civilian health emergency and disaster relief operations, or develop and implement such policy, or conduct educational/training programs in support of these operations. At the end of this course, the students will be better prepared for participation in complex emergencies in a multi-national coalition or United Nations environment. Participating officers will understand the importance of established and emerging international methods of operation and coordination. Moreover, participants will understand how to adapt these procedures and arrangements to meet changing operational requirements. Faculty teams COE task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. However, as a general rule, COE faculty teams are relatively small (two to three individuals) consisting of proven military and civilian subject-matter experts drawn from around the world. Translation The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the target language. The cost of the course is based on enrollment (plus travel and expenses).

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P309501	MTT PNA	U	MTT REPORT WRITING	1w	VAR	
ECL:				**EIMET:**	No	

MTT REPORT WRITING - TOPICS FOCUS ON THE RESULTS AND EVALUATION (R&E) PARAGRAPH, THE USN REPORT OF TEST RESULTS (RTR) AND DAILY REPORT FORMATS, THE USN TEST PLANNING AND FLIGHT CLEARANCES PROCESSES, AND YELLOW SHEETS. TWO EXERCISES WILL BE ASSIGNED AND "GRADED" SO THAT STUDENTS WILL HAVE SOME FEEDBACK. EACH STUDENT WILL BE PROVIDED HANDOUTS AND A COPY OF THE "WRITE STUFF."

PRE-REQUISITE:

COURSE NOTES:

P309502		U	MTT TRNG ASSESSMENT/SURVEY	1w	VAR	
ECL:				**EIMET:**	No	

MTT TRAINING ASSESSMENT/SURVEY-OTHER

PRE-REQUISITE:

COURSE NOTES:

P309503	MTT PNA	U	MTT TEAM DIMENSIONAL TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

Mobile Training Team (MTT) conducted by NAVAIR Orlando Training Systems Division at the customer s site. Team Dimensional Training was developed by the Navy to enhance team performance through improved team processes. TDT helps team members to diagnose and correct their own performance problems thereby enabling them to adapt quickly to unfolding events and to learn from and build upon their previous experiences together. TDT was born out of a program sponsored by the Office of Naval Research (ONR) called Tactical Decision Making Under Stress (TADMUS). TDT can be readily adapted to a variety of traditional training environments, but is NOT designed to replace any existing training. It is designed to supplement existing team training by promoting a standard way of perceiving and measuring team performance, and identifying and reinforcing specific effective team member behaviors. The team process is heavily focused on the participation of team members during debriefs or after action reviews. Emphasis is placed on team member s self-evaluation and self-correction. TDT Facilitators are trained to guide team members to debrief themselves. TDT areas of concentration (dimensions) include: Information Exchange Communication Supporting Behavior Leadership. TDT has been implemented in multiple Navy environments as well as several environments in the Public Safety arena (law enforcement, Counterdrug, corrections, Fire & Rescue). Workshops usually span 2-3 days and involve a classroom session followed by live scenarios with practice pre-briefings and debriefings by Facilitators-in-Training.

PRE-REQUISITE:

COURSE NOTES:

P309507	MTT PNA	U	MTT E2C TRNG	1w	VAR	
ECL:	70			**EIMET:**	No	

MOBILE TRAINING TEAM - E2C TRAINING

PRE-REQUISITE:

COURSE NOTES:

P309508	MTT PCT	U	MTT CONTR MISC	1w	VAR	
ECL:				**EIMET:**	No	

MOBILE TRAINING TEAM (CONTRACTOR TAUGHT) MISCELLANEOUS

PRE-REQUISITE:

COURSE NOTES:

P311301	MTT PMC	U	MTT MARINE CORPS - AVIATION	1w	VAR	
ECL:				**EIMET:**	No	

MTT - MARINE CORPS AVIATION

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P312306		U	MTT SURFACE WARFARE NETC	1w	VAR	
ECL:				**EIMET:**	No	

Tailored surface warfare training provided at the requesting countries site by a mobile training team.

PRE-REQUISITE:

COURSE NOTES:

P313001		U	MTT ELECTRONICS	1w	VAR	
ECL:	EC			**EIMET:**	No	

MTT ELECTRONICS

PRE-REQUISITE:

COURSE NOTES:

P314004		U	MTT MAINTENANCE - NAVSEA	1w	VAR	
ECL:				**EIMET:**	No	

To provide a NAVSEA Mobile Training Team to go in-country for the purpose of training foreign personnel to maintain identified equipment/systems.

PRE-REQUISITE:

COURSE NOTES:

P316301	MTT PMC	U	MTT MARSOC (MARINE CORPS SPECIAL OPS COMMAND)	1w	VAR	
ECL:				**EIMET:**	No	

MTT MARSOC (MARINE CORPS SPECIAL OPERATIONS COMMAND)

PRE-REQUISITE:

COURSE NOTES:

P319000	MTT PNCL	U	MTT PORT PHYSICAL SECURITY OFFICERS (BASIC)	1w	VAR	
ECL:				**EIMET:**	No	

The purpose of this seminar it to further enhance international maritime and port physical security standards. The topics discussed in this course are designed for the security professionals whom are responsible for the day-to-day operations of Port Physical Security. The subjects include common terrorist trends, observation skills, apprehension techniques, inspections, protecting waterside assets and defense in depth concepts. The seminar is developed for host nations and our relationship with host nations while U.S. Navy assets are present. Description: This seminar introduces port physical security professionals to various tactics and techniques for employment of physical security standards. All classroom topics are followed by practical application exercises. Participants will be well versed in the employment of apprehension, vehicle search and physical control techniques. Topics available:-Intro to Terrorism-Handcuffing-Use of Force-Blocks, Strikes and Pressure Points-Mechanical Advantage Control Holds (MACHs)-Improvised Explosive Devises (IEDs)-Suicide Bombers-Vehicle Inspections-Crowd Control-Bomb Threat Planning-Barrier Systems-Waterside Security-Defense in Depth Concepts Class Size: Minimum: 12 Maximum: 30 Materials Needed: Classroom space large enough for all participants. Outside or gym training area for practical's.

PRE-REQUISITE: Participants must be a member of the Port or Local Security Enforcement Agency, either military or civilian. Must be prepared for the physically demanding portions of the course.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P319001	MTT PNCL	U	MTT PORT PHYSICAL SECURITY FOR MANAGERS	1w	VAR	
ECL:				**EIMET:**	No	

The purpose of this seminar it to further enhance international maritime and port physical security standards. The topics discussed in this course are designed for manager of security professionals whom are responsible for the day-to-day operations of Port Physical Security. The subjects include common terrorist trends, security planning, risk management, self-assessing vulnerabilities, physical security systems and defense in depth concepts. The seminar is developed for host nations and our relationship with host nations while U.S. Navy assets are present. Description: This seminar introduces Port Physical Security Managers to various techniques for employment of Physical Security Officers and standards. All classroom topics will culminate to a practical application exercise involving a self-vulnerability assessment and countermeasures. Participants will be well versed in the employment of apprehension, vehicle search and physical control techniques. Topics available:-Intro to Terrorism-Terrorist Operations-Defense in Depth-Bomb Threat Planning-Lighting-Improvised Explosive Devises (IEDs)-uicide Bombers-Vehicle Inspections-Key and Lock Control-Risk Management-Barrier Systems-Waterside Security-Risk Assessment-Kobar and USS Cole Case Study Class Size: Minimum: 12Maximum: 30Materials Needed: Classroom space large enough for all participants.

PRE-REQUISITE: Participants must be a member of the Port or Local Security Agency, either military or civilian and directly involved in the management of such forces.

COURSE NOTES:

P319002	MTT PNCL	U	MTT PORT PHYSICAL SECURITY OFFICERS (ADVANCED)	1w	VAR	
ECL:				**EIMET:**	No	

The purpose of this seminar it to further enhance international maritime and port physical security standards. The topics discussed in this course are designed for the security professionals whom are responsible for the day-to-day operations of Port Physical Security. The subjects include common terrorist trends, apprehension techniques, inspections, police baton and crowd control. The seminar is developed for host nations and our relationship with host nations while U.S. Navy assets are present. Description: This seminar introduces port physical security professionals to various tactics and techniques for employment of physical security standards. All classroom topics are followed by practical application exercises. Participants will be well versed in the employment of apprehension, vehicle search and physical control techniques. Topics available:-Intro to Terrorism-Handcuffing-Use of Force-Blocks, Strikes and Pressure Points-Mechanical Advantage Control Holds (MACHs)-Improvised Explosive Devises (IEDs)-Police Baton-Vehicle Inspections-Crowd Control-Building Search Class Size: Minimum: 12Maximum: 30Materials Needed: Classroom space large enough for all participants. Outside or gym training area and building for practical's.

PRE-REQUISITE: Participants must be a member of the Port or Local Security Enforcement Agency, either military or civilian. Must be prepared for the physically demanding portions of the course and have attended NCIS Port Security Officers Basic MTT (MASL P319000).

COURSE NOTES:

P319008	MTT PGS	U	MTT NAVPGSCOL	1w	VAR	
ECL:				**EIMET:**	No	

This is a Defense requirements study. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P319009		U	MTT TRAINING SURVEY-PSE	1w	VAR	
ECL:				**EIMET:**	No	

MTT TRAINING SURVEY-PSE

PRE-REQUISITE:

COURSE NOTES:

P319010		U	MTT TRAINING SURVEY-PCP	1w	VAR	
ECL:				**EIMET:**	No	

MTT TRAINING SURVEY-PCP

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P319015		U	MET TRAINING SURVEY-PDR	1w	VAR	
ECL:				**EIMET:**	No	

A pre-course site visit conducted by DRMI instructor in order to discuss and develop country-specific issues that will be dealt with in the DRMI MET curriculum. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P319016		U	MET DRMI (MIDMC)	2w	VAR	
ECL:				**EIMET:**	Yes	

The Mobile International Defense Management Course (MIDMC) is suitable for professionals concerned with the economic, efficient and effective allocation and use of scarce defense resources in today's complex and uncertain security environment. Participants normally come from a broad spectrum of fields, to include logistics, operations, personnel, acquisition, financial management, program management, planning, engineering, and program evaluation. This course is designed for military officers rank O-4 to O-6 and equivalent civilian officials. DRMI's experienced, world-class graduate faculty integrate analytical concepts, principles, methods, and techniques drawn from the disciplines of management, economics, and quantitative methods, and applies them to decisions involving the allocation of financial, logistic and human resources. Throughout the MIDMC, participants develop skills to recognize and evaluate the risk assessments and tradeoffs that must be made among competing alternatives at both the strategic and operational levels of defense organizations. DRMI faculty teach the course using a stimulating mix of lectures, small group discussions and real world case studies. This approach provides a dynamic learning environment designed to develop the decision making skills necessary in today's challenging environment. Faculty use contemporary issues such as the global war on terror, regional and international instability, infrastructure protection and multinational defense cooperation to illustrate the environment in which current defense resource allocation decisions must be made. This course is one to two weeks long with the curriculum tailored to the needs of each country. By the end of the course, participants will be able to clearly define and evaluate the relationships among national security objectives, defense strategies, program alternatives/capabilities, and their budgetary resource requirements. Sufficient lead time is essential for the proper planning and preparation of these mobile courses. Logistics considerations that must be addressed prior to programming include expected numbers and characteristics of participants, language requirements, translation needs, on-site facilities, equipment, lodging and transportation. (Participants from countries, other than the host, should use MASL# P262000.) SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PRE-REQUISITE:

COURSE NOTES:

P319027	MET CMR	U	MET CT ASSESSMENT	1w	VAR	
ECL:				**EIMET:**	No	

The Center for Civil-Military Relations (CCMR) offers a one-week comprehensive assessment of a government's sustained capacity to prevent terrorism, and to deal with terrorist activity it cannot prevent. The CCMR assessment framework is divided into four functional areas: strategy, institutional preparation, intelligence, and emergency management. Assessments - which are characterized as 'surveys' to the host government - can be requested for any combination of these functional areas, or for all of them. CCMR assessments are normally carried out by two experienced faculty members through interviewing key host nation officials from institutions charged with responsibilities in the government's campaign against terrorism. The US Embassy country team will arrange a series of 'roundtable' discussions for this purpose. Prior coordination with CCMR will determine the scope and specific institutions to be contacted. The degree to which host nation officials open their institutions to frank and honest discussion of capacity gaps will determine how effectively the U.S. Government can use this assessment to guide security assistance programs in combating terrorism over the long term. Host nation officials, as full participants in the assessment process, will receive a report documenting the findings and recommending additional security assistance measures to help fill capacity gaps identified. Governments that open their institutions to a CCMR assessment should be rewarded for doing so through priority assistance by the United States in future years. The key objectives of the assessment are:" Determine whether the government has a comprehensive and well-coordinated national-level strategy against terrorism." Examine the requirements for institutional-level capacity to support the political strategy through operational strategies and plans." Find out how the host government prepares 'CT Professionals' for both staff and field duties." Understand what infrastructure is needed to support operations against terrorism." Examine intelligence structures and processes in terms of their adequacy to support successful policy and operational decisions." Discuss the method by which the host government decides which potential terrorist targets require the most security resources, and recommend some ways of improving the process." Determine whether existing emergency management infrastructure and capabilities can be utilized effectively to manage the consequences of terrorist attacks. The overall goal for this program is two-fold, yielding two equally important outcomes. The first outcome is a list of capacity gaps that can be filled by a combination of host-nation effort and U.S. assistance. The second outcome is to educate host-nation officials regarding what all governments must do to generate sustained institutional capacity to fight terrorism together with other governments. The CT Assessment process will be custom-built around a series of discussions with key officials. The CCMR assessment framework will be distributed to each participant and will serve as a guide for all discussions. The framework is flexible and can be changed if needed as more is learned. After the discussions are complete, the CCMR assessment team will quantify the results and consult with U.S. Embassy country team officials. Two reports will be generated: one for the U.S. Ambassador and one for the host nation. Normally, this CT Assessment will last less than five days, but custom design may shorten or lengthen the duration. Cost: CT Assessments should be programmed for $75K unless special circumstances require a longer faculty stay. Proposals for this MASL must be forwarded in the same format as other CT Fellowship Program (CTFP)-financed events. Other sources of funding can be used for this assessment, as long as the request is coordinated with CTFP officials at DSCA.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P319028	MTT PCG	U	MTT LIBERIA BOAT DELIVERY	0w	VAR	
ECL:				**EIMET:**	No	

USCG team will provide a long-term training team to Liberia in preparation for the upcoming boat delivery in FY11.

PRE-REQUISITE:

COURSE NOTES:

P319029	MTT PDT	U	MTT INTRO TO CT/WEPNS OF MASS DESTRUCTION (CBTWMD)	2w	VAR	
ECL:	70			**EIMET:**	No	

In support of the CTFP program, the course is envisioned as a primer on the DOD or ministries level role in combating terrorists and use of WMDs. In accordance with the National Strategy to Combat Weapons of Mass Destruction and U.S. National Strategy for Combating Terrorism, the course will teach 3 pillars of Combating WMD: Non-proliferation, Counter-proliferation, and Consequence Management, teach 8 CWMD mission areas (WMD Security Cooperation & Partnership activities, Threat Reduction Cooperation, WMD Interdiction, WMD Offensive Operations, WMD elimination, WMD Active Defense, CBRN Passive Defense and WMD Consequence Management.)This MASL is used for the Host Country. Invited countries should be programmed under MASL P279029. This training is offered in the U.S. as resident training under MASL P179213. This MASL is used for the invited countries to attend a MTT in another country. Host nations should be programmed under MASL P309249. This training is also offer in the U.S. as resident training under MASL P179213.Special Notes: Intended audience is O-5/O-6 level military and civilian ministry CbTWMD practitioners from foreign countries and a few U.S. participants.

PRE-REQUISITE:

COURSE NOTES:

P319030		U	MTT DIVE SYS CERT - NAVSEA	1w	VAR	
ECL:				**EIMET:**	No	

To teach the Certification Process from system design, through construction and testing and conduct tailored training on System Certification of Hyperbaric Systems.

PRE-REQUISITE:

COURSE NOTES:

P319031	MET PGS	U	MET GLOBAL COMMONS SECURITY	1w	VAR	
ECL:				**EIMET:**	No	

GLOBAL COMMONS SECURITY The Center for Civil-Military Relations (CCMR) offers a one-week seminar entitled "Global Commons Security" for nations that are interested in developing capabilities to safeguard the shared spaces labeled in defense lexicon as international waters and airspace, outer space, and cyberspace. The global commons are areas that no one state controls but on which all rely. Together the commons serve as essential conduits for the global system comprised of commerce, communication, and governance. International peace and economic prosperity are threatened daily through intrusion, exploitation or attack in the commons by criminal, transnational or regional competitors. This offering prepares decision-makers to effectively design and implement plans for securing access to, transit through and use of commons. The key objectives of the seminar are to familiarize participants with: " Trends, contexts, and implications of persistent conflict in the commons " Commercial sector, civil agency, and military department cooperation dynamics" Strategy, policy, rule, concept, and capability development constructs The global commons are complex, congested, and contested. Participants will explore principles and methods for maintaining advantage over competitors that seek to deny, disrupt or destroy access to the global commons. They will examine ways to respond to principal threats, some hybrid in nature, utilizing a comprehensive approach to security. The seminar is intended to develop the practical knowledge and skills needed to pursue defense objectives related to the commons within the broader context of national security policies. The seminar introduces the capabilities-based defense planning methodology that embraces United States and NATO processes for Concept Development and Experimentation. The participants will learn how to identify and field affordable, feasible, and interoperable capabilities that contribute to national defense requirements and collective security commitments. The delivery format combines informational presentations and case studies with scenario-based practical exercises in aspects of global commons security. This event is delivered in partnership with Headquarters, Supreme Allied Command Transformation (HQ SACT), United States Joint Forces Command, Joint Experimentation Directorate (JFCOM J9), and United States Pacific Command (USPACOM). Participants The seminar is designed for international mid to senior military officers in the ranks of major to brigadier general and civilian equivalents from the Ministry of Defense, who are responsible for security and defense policy, strategic planning, programming and execution. Faculty Teams CCMR task-organizes each team in order to optimize the specific expertise requested by the ODC/SCO. Faculty teams for this very diverse program consist of proven subject-matter experts, who are drawn from around the world. Translation The course will be taught in English. Where necessary, the course will be delivered with simultaneous interpretation into the local language. Cost For planning and programming purposes, the estimated cost of the course will be IMET/FMF/FMS/CTFP-USD 75,000. Actual course cost will vary according to location and the educational requirements of the recipient country.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P319032	MTT PCG	U	MTT SMALL BOAT OPERATIONS INSTRUCTOR	2w	VAR	
ECL:				**EIMET:**	No	

This course is designed to provide the necessary skills and knowledge to effectively train personnel in small boat operations as Coxswains. Students in this course are taught techniques in student management, presentation skills, developing visual aids, and developing reality based training and scenarios. Other topics covered are the "theory of feedback", adult learning and developing and implementing an underway training schedule. The course is instructed in a workshop format with student presentations and work time. Each student will be required to present at least two blocks of instruction and lead practical underway exercises.Target Audience: International Students "Notes:" No less than one operational small boat (less than 50 ft./15 m. in length) for every four students." Classroom of sufficient size for the class. "Office or second classroom for reviewing presentations with students." Chalk board or Magna-Slick board."Pier facility of sufficient size so all boats can conduct drills at the same time." Training area of sufficient size to practice navigation. "An operational small boat is a fully capable operational vessel, with a fully qualified crew (i.e. the normally assigned boat crew), adequate life saving and firefighting equipment, electronics package, outfitted for towing and fuel.

PRE-REQUISITE: Students should be prior graduates of the Small Boat Operations Courses I and II within the past 2 years and must currently have underway maritime training responsibility.

COURSE NOTES:

P319033	MTT PCS	U	MTT SMALL BOAT OPERATIONS CURRICULUM DEV COURS	2w	VAR	
ECL:				**EIMET:**	No	

This course is designed for those nations setting up their own small boat operations course for agency wide training. Two to four instructors conduct an intensive curriculum review and assist the trainers in the establishment of a syllabus, honing instructional skills, setting and scheduling the course. Instructors will provide the latest information on Small Boat Operations, training aids, and instructional expertise working with the dedicated trainers to improve the established program or help to develop a new program.Target Audience: International Students Notes: Classroom with desks and chairs of sufficient size for instructing. Minimum of one vessel of the same size and type that will be used in the training course. Pier facility of sufficient size so all boats can conduct drills at the same time. Training area of sufficient size to practice navigation.

PRE-REQUISITE: An established training command and strong desire to integrate a standard Small Boat Operations course into their agency wide training program.

COURSE NOTES:

P319034	MTT PCG	U	MTT JOINT SMALL BOAT OPERATIONS COURSE	2w	VAR	
ECL:				**EIMET:**	No	

A maritime small boat operations course is instructed jointly using USCG and host nation instructors. The focus of the course is to refine the instructional techniques of graduates from the Small Boat Operator Instructor Course. This course is designed to increase the instructional proficiency of the host nation instructors. Host nation instructors must meet pre-requisites. Target Audience: International Students Notes: No less than one operational small boat (less than 50 ft./15 m. in length) for every four students Classroom of sufficient size for the class Pier facility of sufficient size so all boats can conduct drills at the same time Training area of sufficient size to practice navigation An operational small boat is a fully capable operational vessel, with a fully qualified crew (i.e. the normally assigned boat crew), adequate life saving and firefighting equipment, electronics package, outfitted for towing and fuel

PRE-REQUISITE: Joint Instructors must have graduated from the SBO Instructor course (P319032) and the Small Boat Operations II course (P319107) within the last two years. Joint instructors should currently have small boat operation training responsibilities and be assigned to small boat operation duties. Students for the course should be in coxswain or coxswain instructor billets or be members of a boat crew.

COURSE NOTES:

P319035	MTT PCG	U	MTT INCIDENT RES PLAN/ADV INCIDENT COM SYS 341/400	2w	VAR	
ECL:				**EIMET:**	No	

This course presents the concepts, principles and protocols of the Planning Section in an established Incident Command System (ICS) and will familiarize IMS's with the mechanics of planning activities in support of an incident. The first week will culminate in an exercise that will require IMS's to work from an initial response through one full planning cycle. The second week will be focused on the Incident Command System's management functions, with a focus on Multi-Agency Coordination Systems and Emergency Operations Centers. Target Audience: Mid-Senior level persons involved with emergency planning, response or recovery efforts. A multi-agency audience will be able to effectively communicate in a simulated incident that supports role playing and identifies the most efficient employment of resources. With the right audience, this course will continue to build the foundation for interagency coordination, and will contribute significantly to more effective regional cooperation.Pre-requisite: Maritime Crisis Management/Incident Command System 100/210/300 (P319119). Notes: A large, well lit classroom with a white board or chalk board Administrative support Access to a commercial port area (for practical exercises) Detailed maps of the commercial port area (for tabletop exercises)

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P319042	CG-31	U	MTT PORT STATE CONTROL	2w	VAR	
ECL:	70			**EIMET:**	No	

MTT PORT STATE CONTROL Description: This course is designed to provide host nations with an overview of the different International Maritime Conventions and to verify that a vessel's safety and security practices meet standards set by international law. Class discussions will focus on best practices regarding implementation of Notice of Arrival and Boarding Matrices used to prioritize vessel examination and security boarding's. Both risk-based tools are used to identify vessels that are non-compliant and pose the greatest risk. Additionally, the course will focus on the importance of consistent application and practice of Port State Control procedures. A few examples of Port State Control procedures are inspection techniques to verify vessel condition, monitoring techniques and application of security and environmental procedures to ensure vessel safety and security. Sample Syllabus is on Page VI-39.After completion of this training, the IMS's will be able to: Identify and apply the Safety of Life at Sea (SOLAS) Convention, International Convention for the Prevention of Pollution from Ships (MARPOL), Standards for Training, Certification and Watch Keeping for Seafarers (STCW), International Labor Organization (ILO 147) and other applicable Port State Control codes Given scenarios, conduct a mock port state control exam and verify compliance with applicable international conventions Identify deficiencies and determine appropriate control actions in vessel systems and equipment, while conducting a mock examination Class Size: Maximum: 20 students Minimum: 14 students Instructors: 4 Materials: The host nation needs to provide the following: o A large, well lit classroom with large tables Audio/Visual equipment to include white board (dry erase)o If possible, host nation should provide or arrange for a foreign freight vessel (i.e. container ship or general cargo ship) to be available for field exercises Target Audience: All participants should be currently assigned to Port State Control duties, possess entry level marine inspector experience or be new Port State Control Officers.

PRE-REQUISITE:

COURSE NOTES:

P319048	MTT	U	MTT OTHER DOD	1w	VAR	
ECL:				**EIMET:**	No	

TEAM TRAINING CONDUCTED BY THE DEFENSE LOGISTICS AGENCY (DLA)

PRE-REQUISITE:

COURSE NOTES:

P319049	CT-MTT-POO	U	MTT CT-HOSTAGE NEGOTIATION	1w	VAR	
ECL:	EC			**EIMET:**	No	

MTT- COUNTER TERRORISM - HOSTAGE NEGOTIATION Training provided by the Federal Bureau of Investigation (FBI) Purpose: The course, which consists of classroom instruction and role-play scenarios, will train participants on the basic skills required to effectively communicate with individuals in a crisis, to include trapped criminals (including terrorists), suicidal people, and barricaded individuals involved in elevated domestic/relationship problems. At the end of the course, participants will be better able to conduct hostage negotiations in a crisis point as well as be able to organize a Negotiation Operations Center and interact with other crisis response entities such as the tactical and command elements.

PRE-REQUISITE:

COURSE NOTES:

P319050		U	MTT SINGER INTERFACE MAINTENANCE COURSE - PNA	0w	VAR	
ECL:				**EIMET:**	No	

- Functional overview and detailed circuit analysis of each major assembly within the Singer interface (i.e. Master Controller, Sub Controller, Discrete Inputs/Outputs, Analog Inputs/Outputs, Special I/O circuitry, etc.) - Differences between the Distributed Interface and the Special I/O Signal Conditioners- Device documentation familiarization- Device operational instructions - Operation and maintenance instructions for the newly installed simulation pc (reference the Computer Rehost Project), and instructions for navigating through the Instructor Station Graphic User Interface GUI)- Instructions for effectively utilizing the available software/hardware troubleshooting aides- Sufficient lab exercises for each student to apply lecture material to practical troubleshooting skills.

PRE-REQUISITE:

COURSE NOTES:

P319117		U	MTT CONTR DEVICES - PNA	1w	VAR	
ECL:				**EIMET:**	No	

MTT CONTR DEVICES - PNA

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P319119	CG-32	U	MARITIME CRISIS MGT/INCIDENT COMD SYS 100/210/300	2w	VAR	
ECL:	70			**EIMET:**	No	

This course of instruction is designed to instruct IMS's on the fundamentals of the Incident Command System (ICS). It explains the methodology of how to effectively establish an incident response system to manage planned events or crises. During the first week, principles about its organizational structure and unified command will be explained as well as common terminology and methods to better manage resources. The second week will expand the principles of Basic ICS. The course provides more description and detail of the organization and operation of the ICS, management of resources, and duties of all positions in the organization and provides examples of how the essential principles are used in incident and event planning. IMS's will work through the initial response and through one full planning cycle as part of a final practical exercise/final scenario. Sample Syllabus is on Page VI-25. After completion of this training, the IMS's will be able to: Identify the purpose and use of ICS - Identify the concepts, protocols, principles and working relationships of ICS for incidents/events and determine the common responsibilities during an incident - Determine key elements of an initial response Determine necessary steps to move out of the initial phase (reaction) into the planned phase (management by objectives) Conduct a transfer of command - Identify the principles in gathering, displaying, maintaining and disseminating situation status, resource information and assignments - Develop a support organization for an incident - Develop an Incident Action Plan Class Size: Maximum: 24 students Minimum: 16 students Instructors: 4 Materials: The host nation needs to provide the following: 2 well-lit classrooms with large tables; extra classroom will be used during scenarios - A white dry erase board and or an easel Target Audience: Persons involved with emergency planning, and response or recovery efforts. A multi-agency audience will be able to effectively communicate in a simulated incident that supports role playing and identifies the most efficient employment of resources. With the right audience, this course will build the foundation for interagency coordination.

PRE-REQUISITE: There are no prerequisites for this course. This course provides training for personnel who require a basic understanding of the Incident Command System and who are likely to be involved in managing an incident or planned event.

COURSE NOTES:

P319151	CG-30	U	MTT SEAPORT SCTY/ANTI-TERRORISM SEMINAR	2w	VAR	
ECL:	70			**EIMET:**	No	

MILITARY TRAINING TEAM SEAPORT SECURITY/ANTI-TERRORISM This course is designed to provide the IMS's with an understanding of the basic principles and strategies involved with protecting a maritime port complex. IMS's will examine threats and defensive tactics that effect both shore side and waterside security. This course also teaches IMS's how to recognize potential terrorist targets, possible delivery methods, actions which might indicate potential terrorist activity, and appropriate use of force and rules of engagement models. A basic explanation of threats and weapons of mass destruction will provide the basis for the IMS's to develop a port defense plan through the use of operational risk management and the development of a training and exercise plan. Case studies regarding several security events will be studied by the IMS's. The IMS's will also be required to visit a local port and provide evaluations and recommendations with regards to the port's security posture, which will be used as input for the drafting of an exercise plan. Finally, the IMS's will be trained in the Incident Command System (ICS), taught how to formulate and initiate an exercise, and be given an opportunity to form an ICS structure and function as an ICS Command while testing a tabletop exercise. Sample Syllabus is on Page VI-42.Topics covered in this course: Maritime Threat Overview (USS Cole, Morocco, 9/11, and Tamil Tigers) Video/Case Study of Al Qaeda's Navy - Weapons of Mass Destruction Overview - Weapons Delivery Systems - Harbor Control and Port Security Operations - Shore side Facility Security Port Defense Strategies - ISPS (International Ship and Port Facility Security Code) Overview Operational Risk Management - Developing an Exercise Plan - Case Studies of Olympic Waterside Preparations (Atlanta '96, Greece '04) - Incident Command System - Port Visit with IMS plans - Drafting a Port Operations Plano Table-Top Port Security Exercise Class Size: Maximum: 24 students Minimum: 12 students Instructors: 4 Materials: The host nation needs to provide the following: A large, well lit classroom with large tables - Audio/Visual equipment to include white board (dry erase) - Access to a port facility within 1 hour driving distance from the location of the classroom for - day Target Audience: This course is designed for senior level leaders who are involved with developing port operations and contingency plans.

PRE-REQUISITE:

COURSE NOTES:

P319350	MTT PMC	U	MTT PDSS (PRE-DEPLOYMENT SITE SURVEY)	1w	VAR	
ECL:				**EIMET:**	No	

MTT-PDSS (PRE-DEPLOYMENT SITE SURVEY)

PRE-REQUISITE:

COURSE NOTES:

P329005		U	EXT TRNG SERVICE SPEC	1w	VAR	
ECL:				**EIMET:**	No	

To provide field instruction in-country on specific items of equipment via a Extended Training Service Specialists (ETSS).

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P329006		U	ETSS PREDEPLOYMENT PREP	1w	VAR	
ECL:				**EIMET:**	No	

Provides required pre-deployment training, to include mandatory anti-terrorism and personnel protection training, for personnel deploying as a part of an Extended Training Service Specialist team.

PRE-REQUISITE:

COURSE NOTES:

P329009		U	ETSS POST DEPLOY STANDDOWN	1w	VAR	
ECL:				**EIMET:**	No	

ETSS POST DEPLOY STANDDOWN

PRE-REQUISITE:

COURSE NOTES:

P365005	NON-ST	U	INTERPR/TRANSL SVCS-NO TLA	1w	VAR	
ECL:	80			**EIMET:**	No	

To provide programming of OCONUS interpreters and translators.

PRE-REQUISITE:

COURSE NOTES:

P366003	SHIP TRANSF	U	ATG SUPPORT	1w	VAR	
ECL:	EC			**EIMET:**	No	

"Afloat Training Group" (ATG) services in support of ship transfers - manpower requirements for Light off Assessments, Total Ship Training Availability (TSTAs), Operational readiness evaluations etc...

PRE-REQUISITE:

COURSE NOTES:

P366007		U	SHIP TNG SURVEY OSEAS-LANT	1w	VAR	
ECL:	EC			**EIMET:**	No	

OVERSEAS MTT

PRE-REQUISITE:

COURSE NOTES:

P366009	NON-ST	U	E-IMET SEMINAR EXPENSES	1w	VAR	
ECL:				**EIMET:**	No	

E-IMET SEMINAR EXPENSES

PRE-REQUISITE:

COURSE NOTES:

P366011	NON-ST	U	TECHNICAL SUPPORT	1w	VAR	
ECL:				**EIMET:**	No	

TECHNICAL SUPPORT

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P366012		U	MTTSHIP TRG SVY CONUS LANT	1w	VAR	
ECL:	70			**EIMET:**	No	

This is a pre-training survey to determine the country needs and capabilities.

PRE-REQUISITE:

COURSE NOTES:

P366013		U	SHIP REFTRA CONUS LANT	1w	VAR	
ECL:	70			**EIMET:**	No	

SHIP REFRESHER TRAINING CONUS COMTRALANT

PRE-REQUISITE:

COURSE NOTES:

P366311		U	TOTAL SHIP (TSTA) - PCL	1w	VAR	
ECL:	EC			**EIMET:**	No	

Course Description:

PRE-REQUISITE:

COURSE NOTES:

P366361		U	TOEFL TEST	1w	VAR	
ECL:				**EIMET:**	No	

To send international students to a testing center in order to take a Test of English as Foreign Language which is required prior to acceptance at the Naval Postgraduate School.

PRE-REQUISITE:

COURSE NOTES:

P366CS1	CIVCONTR	U	CONTRACTOR SUPPORT - PCT	1w	VAR	
ECL:				**EIMET:**	No	

CONTRACTOR SUPPORT - PCT

PRE-REQUISITE:

COURSE NOTES:

P366CS3	NONE	U	CONTRACTOR SUPPORT - PSE	1w	VAR	
ECL:				**EIMET:**	No	

CONTRACTOR SUPPORT - PSE

PRE-REQUISITE:

COURSE NOTES:

P366CS4	NONE	U	CONTRACTOR SUPPORT	1w	VAR	
ECL:				**EIMET:**	No	

For Contractor Support that cannot be put against a specific WCN.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P366CS6	NONE	U	CONTRACTOR SUPPORT - PSW	1w	VAR	
ECL:				**EIMET:**	No	

Contractor Support - PSW

PRE-REQUISITE:

COURSE NOTES:

P366CS7		U	CONTRACTOR SUPPORT	1w	VAR	
ECL:				**EIMET:**	No	

Contractor Support Costs.

PRE-REQUISITE:

COURSE NOTES:

P366CS8		U	CONTRACTOR SUPPORT-NITC	0w	POTD	Pensacola, FL
ECL:	70			**EIMET:**	No	

CONTRACTOR SUPPORT - NITC

PRE-REQUISITE: The applicable NITC overhead T-MASL, must also be programmed with T-MASL P366CS8.

COURSE NOTES:

P366MGT		U	MANAGEMENT SUPPORT - PCT	1w	VAR	
ECL:				**EIMET:**	No	

MANAGEMENT SUPPORT - PCT

PRE-REQUISITE:

COURSE NOTES:

P471001		U	CONUS - POST ASSESSMENT SEMINAR AND SITE VISIT	1w	VAR	
ECL:				**EIMET:**	No	

This course is a CONUS seminar combined with site visits to various USCG units. The seminar and locations are developed specifically to meet host nation requirements in various mission areas. Host nation visitors get the opportunity to meet and receive briefs from training program managers and USCG subject matter experts about USCG day to day operations. It provides the opportunity to visit the U.S. and be exposed, based on specific requirements, to selected USCG training centers, port facilities, units, Command Centers or small boat stations. Port facilities are selected based on the host nation request and to the extent that USCG operational units are able to support. The seminar will be customized for the maximum benefit of visiting delegates. Target Audience: International StudentsPre-requisite: This course is a follow-on support to an in-country developmental needs assessment. Notes: Participants would typically consist of members from the Port Authority, Coast Guard, Customs, Navy, Police Force or other organizations (military, government and non-government) with maritime responsibilities.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471002		U	EXPEDITIONARY WARFARE REGIONAL SEMINAR OCONUS	0w	VAR	
ECL:	80A			**EIMET:**	No	

The Expeditioinary Warfare School Regional Seminar Program gives officers the tools necessary to function successfully in any operational environment. The focus is to develop officers who think critically, solve problems, and understand the capabilities and potential roles of the MAGTFs in a joint-multinational-interagency environment. The seminars are faculty led, validating and evaluating the students' participation throughout. The EWS Regional Seminar is structured as follows: EWSDEP Regional Seminar is derived from and parallel to the curriculum of the resident Expeditoinary Warfare School program. Courses of instruction includes: Warfighting (8651): This doctrinally based course covers the theory and nature of war and details the warfighting doctrine of the Marine Corps as expressed in MCDP 1, Warfighting. The course introduces the warfighting functions and organization of Marine Corps operating forces. Particular emphasis is paid to the warfighting concepts of commander's intent and the estimate process. It details Marine Corps doctrine as expressed in MCDP 2, Intelligence, MCDP 3, Expeditionary Operations, MCDP 4, Logistics and MCDP 5, Command and Control. Additionally, students complete a curriculum devoted to irregular warfare, cultural awareness, leadership, ethics, and moral courage.Information Management (8652): This course covers the doctrinal concepts and the applications of information management. It focuses on the information management plan and the role of the senior watch officer in command post operations. Marine Corps Planning Process (MCPP) (8653): This course combines seminar with an interactive multimedia form of instruction, which is a scenario-based practical exercise (PE), to teach the planning process. MCPP contains many concurrent and overlapping activities. Elements such as information gathering and template/matrix updating continue throughout the entire process. This course is linked to the Marine Corps planning doctrine and is based on MCWP 5-1, Marine Corps Planning Process. MAGTF Operations Ashore (8654): This course builds on the foundations of Command and Control as it explores the resources, doctrinal concepts, and warfighting capabilities associated with each element of the MAGTF, first as an element itself, then as part of a synergistic, combined arms MAGTF. The course provides detailed instruction on the integration of the MAGTF's major subordinate commands within combined arms offensive operations. The curriculum consists of a combination of interactive multimedia instruction (IMI), selected reading, and practical exercises (PEs). MAGTF Operations Ashore (8655): This course expands on the doctrinal foundations and warfighting capabilities of each element of the MAGTF and of the combined arms MAGTF as the course explores the integration of the MAGTF's major subordinate commands within combined arms defensive operations. Additionally, it provides students an introduction to military operations on urbanized terrain (MOUT) and detailed instruction on MAGTF information operations capabilities and planning. The curriculum consists of a combination of IMI, selected reading, and PEs. Expeditionary Operations (8656): This course introduces the doctrine, concepts, and challenges for MAGTF options in support of expeditionary operations with emphasis on amphibious operations. Additionally, the course introduces the complexities of force deployment planning and execution (FDP&E). Students learn about the initiating directive and the basic amphibious decisions. A study of the doctrinal amphibious command relationships addresses the critical impact these basic decisions have on the ship-to-shore movement and preparation of the landing plan. This course also addresses the critical impact of reduced amphibious lift and the importance of maritime prepositioned force (MPF) employment. Students complete PEs to reinforce the FDP&E and amphibious planning instruction. The course consists of a combination of self-paced text, readings, IMI, and PEs. Expeditionary Operations (8657): This course expands on the doctrine and concepts for MAGTF options in support of expeditionary operations with emphasis on Marine expeditionary unit (MEU) and maritime prepositional force (MPF) operations. It explores the Range of Military Operations such as crisis response and limited contingency operations and military engagement, security cooperation, and deterrence activities and the interrelationship between political, humanitarian, and military objectives and the concept of military intervention in response to situations where these objectives may be in conflict with each other. The students are exposed to the rapid response planning process.

PRE-REQUISITE: The Program is open to officers in the grade of captain (O-3). Waivers may be granted on a case-by-case basis for O-2 or O-4.

COURSE NOTES:

P471008	CURR 265 PG	U	MODELING & SIMULATION MANAGEMENT OCONUS	39w	VAR	
ECL:				**EIMET:**	No	

MODELING & SIMULATION MANAGEMENT OCONUS The Modeling and Simulation (M&S) Management Certificate consists of 4 courses designed to enable DoD and other federal workforce members to efficiently apply M&S tools to support acquisition activities throughout a program lifecycle. M&S acquisition requires substantial up-front planning and unique considerations for their effective use. The M&S Management Certificate program is targeted for students who seek further knowledge regarding the purposeful, effective application of M&S systems to support the acquisition lifecycle, for example, personnel in the DoD Acquisition Workforce.This certificate is offered jointly by faculty of the Modeling, Virtual Environments and Simulation (MOVES) Institute and the Systems Engineering Department. It is designed to increase the technical, analytical and management skills of officers and other professionals so they can efficiently apply M&S tools to support acquisition activities throughout a program lifecycle and make purposeful, effective application of M&S systems. The certificate also serves as the gateway into a distance-learning degree in M&S for Acquisition and the Master of Science in Modeling, Virtual Environments and Simulation degree in residence at NPS and in less time than for a standard resident program. The M&S Management Certificate is taught using web-based delivery, allowing students anywhere in the world to enroll. For active duty Navy officers textbooks are the only cost.Additional information on the program can be found at http://www.movesinstitute.org/certificates.html Quotas: Limited to 30 students per year Course Start: Any quarter chosen by the sponsor Course Length: 3 Quarters

PRE-REQUISITE: The student must have a baccalaureate degree with above-average grades. Familiarity with the basics of acquisition management is an assumed prerequisite. For example, NPS MN3331 or DAU ACQ101 satisfy this prerequisite.

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471012	CURR 292 PG	U	ELECTRONIC WARFARE ENGINEER CERTIFICATE OCONUS	39w	VAR	
ECL:				**EIMET:**	No	

ELECTRONIC WARFARE ENGINEER CERTIFICATE OCONUS This certificate is the first in a series of three Electronic Warfare certificates that leads to a Master of Engineering in Electrical Engineering, MEng (EE). This certificate consists of three courses: 1. Antennas and Propagation 2. Radiowave Propagation 3. Joint Network Enabled Electronic Warfare IThe program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0).More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html Quotas: 20 Program Start: Continuous (typically Fall) Program Length: 3 quarters, 5 hours per week

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES:

P471013	CURR 293 PG	U	JOURNEYMAN EW ENGINEER CERTIFICATE OCONUS	39w	VAR	
ECL:				**EIMET:**	No	

JOURNEYMAN EW ENGINEER CERTIFICATE OCONUS This certificate is the second in a series of three Electronic Warfare certificates that leads to a Master of Engineering in Electrical Engineering, MEng (EE). This certificate consists of three courses: 1. Introduction to Electro-optical Engineering 2. Radar Systems 3. Microwave EngineeringThe program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0).More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html Quotas: 20 Program Start: Continuous (typically Fall) Program Length: 3 quarters, 5 hours per week

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES:

P471014	CURR 294 PG	U	SENIOR EW ENGINEER CERTIFICATE OCONUS	39w	VAR	
ECL:				**EIMET:**	No	

SENIOR EW ENGINEER CERTIFICATE OCONUSThis certificate is the third in a series of three Electronic Warfare certificates that leads to a Master of Engineering in Electrical Engineering, MEng (EE). This certificate consists of three courses: 1. Radar Cross Section Prediction and Reduction 2. Airborne Radar Systems 3. Joint Network Enabled Electronic Warfare IIThe program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0). More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html Quotas: 20 Program Start: Continuous (typically Fall) Program Length: 3 quarters, 5 hours per week

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471015	CURR 592 PG	U	MASTR ELECTRL ENGRING, M(EE), ELECT WARFARE OCONUS	117w	VAR	
ECL:				**EIMET:**	No	

Master of Engineering in Electrical Engineering, MEng(EE), Electronic Warfare Focus OCONUS This curriculum provides a solid theoretical foundation for electronic warfare (EW) including electronic attack, electronic protection. electronic support and networked operations. Students earn a series of three certificates over a period of approximately three to six years (designated as curricula 292, 293, and 294). Certificate coursework is followed by an optional capstone project (depending on sponsor preferences) in which students work within a group to complete an assigned project in the area of EW.The program uses existing courses in the quarters they are normally offered for our resident students. The pace is somewhat flexible, but generally it is one course per quarter. The DL course sections are delivered via video teleconferencing (VTC) equipment, synchronously with our on-campus sections. Podcasts are available for asynchronous viewing, however these are not self-paced courses, and all course deadlines must be met. Laboratories are also delivered VTC or podcast. The goal is to have the same learning experience for resident and non-resident students. The courses in this certificate or the other EW certificates need not be taken in order, however, all of the individual course prerequisites must be met before enrolling in the course.The degree MEng (EE) is awarded upon completion of the three certificates (36 credits with an average GQPR of 3.0).More information on the Electrical & Computer Engineering Department's Distance Learning Programs, including a tentative schedule of DL course offerings, is available at: http://www.nps.edu/Academics/Schools/GSEAS/Departments/ECE/Academics/DistanceLearning/index.html Quotas: 20 Program Start: Continuous (typically Fall) Program Length: 9 quarters, 5 hours per week

PRE-REQUISITE: BSEE degree graduates with a 2.2 GPA or better, or graduates with a degree in a related field of science or engineering with appropriate academic background (knowledge of basic circuits, linear systems and Fourier transforms, probability and statistics, and undergraduate electromagnetic fields and waves).

COURSE NOTES:

P471020	CURR 311	U	SYSTEMS ENGINEERING (MSSE) OCONUS	104w	VAR	
ECL:				**EIMET:**	No	

The Master of Science in Systems Engineering DL degree program is designed for DoD organizations involved in a wide range of systems engineering and integration challenges. These commands can partner with NPS to educate and train engineers with tools and technologies relevant to their work, resulting in employees with greater knowledge and expertise to enable them to better meet the needs of their customers. DoD organizations or sponsors provide the students, and the Department of Systems Engineering provides the instruction, course materials, and hands-on experience. Courses are delivered at the students' local site using a combination of on-site instruction, video teleconferencing, and Web-enhanced on-line courses. The program can begin any academic quarter, in accordance with the sponsor's needs. Students take two courses per quarter over a two-year period. There are ten core courses in the 16-course program. The remaining six courses can be tailored to meet the sponsor's need. Students must participate in a capstone design project in lieu of writing a thesis. Students receive an NPS degree, may receive NPS Systems Engineering certificates of accomplishment, and earn DAU equivalency certificates for all SPRDE Level III training requirements. The program manager will help establish partnership arrangements with other organizations if desired. Additional information on the program can be found at www.nps.navy.mil/se/msse Quotas: Limited to 30 students per year Course Start: Any quarter chosen by the sponsor Course Length: 104 weeks.

PRE-REQUISITE: An entering student must possess a Bachelor of Science degree in an engineering discipline with at least a 2.2 undergraduate grade point average.

COURSE NOTES: PGS DISTL(16 CRS)

P471021	CURR 282	U	SYSTEMS ENGINEERING CERTIFICATE (SE) OCONUS	52w	VAR	
ECL:				**EIMET:**	No	

Systems Engineering is a disciplined approach to finding the right solution to the right problem: on-time, on-budget, supportable, and with minimal risk. The Certificate Program consists of four, fully-accredited courses delivered entirely on-line over a one-year period. The course content and projects will challenge the student academically and address current problems of interest to the Department of Defense. The courses are paced week-to-week by the instructors, but the students have great flexibility to do their coursework at times of their choosing during each week. Course Start: Spring and Fall Quarters Quotas: Limited to 30 students per year Certificate: Systems Engineering Certificate

PRE-REQUISITE: For entry, the officer must have at least a C+ undergraduate grade point average, with at least one calculus course with a C or better and at least one calculus-based physics course with a C or better (APC 334). If an officer is an outstanding performer but lacks the necessary academic preparation, the Naval Postgraduate School offers refresher and transition courses before the program start.

COURSE NOTES: PGS DISTL (4 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471045		U	SENIOR ENLISTED JOINT PME COURSE (SEJPME) OCONUS	1w	VAR	
ECL:	80			**EIMET:**	No	

This is a Chairman of the Joint Chiefs of Staff sponsored course. It is authorized by CJCSI 1805.01 - Enlisted Professional Military Education Policy (EPMEP).The purpose of this course is to produce confident and competent Senior Enlisted Leaders (SELs) who are more fully prepared to quickly assimilate and effectively contribute in joint assignments and mentor junior NCOs and the other enlisted personnel they supervise. It is a stand-alone web-based course that educates senior enlisted leaders (SELs) serving in or slated to serve in a joint organization. The course is 40 (66) hours in length and uses interactive multimedia instruction (IMI): text, graphics, video, and audio. Students are allotted 90 days to complete all coursework. The curriculum consists of four joint learning areas (JLAs).JLA 1 - National Military Capabilities and Organization JLA 2 - Armed Forces Overview JLA 3 - Foundations of Joint Operations JLA 4 - National Strategic Overview

PRE-REQUISITE: Grades E-7 to E-9

COURSE NOTES: DIST LEARN PAF

P471046		U	EWSDEP NON-RESIDENT SEMINAR	18w	VAR	
ECL:	80A			**EIMET:**	No	

This is the Non-Resident portion of the 1 year program. The intent of the EWSDEP is to provide officers with career-level professional military education and professional military training in command and control, Marine Air Ground Task Force (MAGTF) operations ashore, and naval expeditionary operations. This will enable them to command or to serve as a primary staff officer in their military occupational specialties, integrate the capabilities resident within their element of the MAGTF, integrate their element within the MAGTF, and understand the functioning of the other elements of the MAGTF. The non-resident seminar will include collaborative preparation for the staff ride. During the Initial Resident Seminar, students will be instructed in the EWSDEP battlefield staff ride methodology and assigned to a briefing team for the Final Resident Seminar staff ride to Gettysburg. Students will work collaboratively with other members of their team using Blackboard (a web-based learning support system) to develop their briefs. NOTES: At a minimum, students in the non-resident phase will require access to a Pentium-4 PC with 256 MB RAM running Windows 98/NT/2000/XP, a 15-inch monitor with 1024X768 pixel resolution and 32,768 colors. Microsoft Office, or similar compatible software, Adobe Acrobat Reader 7.0 or higher, Adobe Flash Player 8.0 or higher, and Windows Media Player, or similar media player, are required to view and listen to this material, and are included on the Student CD.

PRE-REQUISITE:

COURSE NOTES:

P471205	CURR 316	U	SPACE SYSTEMS OPERATIONS (MSSSO) OCONUS	104w	VAR	
ECL:				**EIMET:**	No	

The program provides students with scientific, technical, and operational knowledge of military space systems. Graduates are prepared to manage the technical aspects of a space system life cycle including requirements definition and analysis, design, development, installation, operations, and maintenance of spacecraft, space payloads, supporting ground stations, terminals, and C3 connectivity. Degree - Master of Science Space Systems Operations (MSSSO) Course Start: Sept Quotas: Limited to 30 students per year.

PRE-REQUISITE: Baccalaureate Degree (BA or BS) Written Command Endorsement GPA of 2.6 or better Completion of mathematics through differential equations and integral calculus, plus at least one course in calculus-based physics Submission of transcripts to the NPS Admissions Office (see below for details) A (Video-Tele-Education) VTE location

COURSE NOTES: PGS DISTL (15 CRS)

P471206	CURR 357	U	MASTER OF SCIENCE IN COMPUTING TECHNOLOGY OCONUS	208w	VAR	
ECL:				**EIMET:**	No	

The MCT degree offers its graduates the knowledge and skills necessary to specify, evaluate, and manage computer system development, as well as the ability to provide technical guidance in the analysis, design, and application of software and firmware used in the Navy. The MCT program consists of 16 courses selected to provide breadth and depth in the latest computing technologies. Four courses provide a foundation in computer science for those without a CS background. Core courses then develop student expertise in a broad range of topics in the computing field. And a four-course sequence in a specialization area completes the degree. The MCT degree provides a graduate education for those in unique circumstances. State-of-the-art distance learning (DL) technology is used to bring the MCT program straight to the student on duty. With fully Web-based courses, there is no required "class time"-no need to get off the flight schedule, miss any watches, or adjust a duty schedule. MCT offers a seamless transition from duty station to duty station; when you move the program goes with you, even on the road. The MCT degree is fully accredited and taught by the same faculty that teaches NPS resident courses. It is an excellent fit for those personnel whose career track would not otherwise lend itself to receiving a resident technical graduate education. Available anywhere in the world, at home, on detachment, and at sea. Degree - Master of Science Computing Technology (MCT) Course Start: January/July Quotas: Limited to 30 students per year.

PRE-REQUISITE: A baccalaureate degree, or the equivalent, with above average grades in mathematics, (including differential and integral calculus) resulting in an academic profile code (APC) of at least 325 is required. Undergraduate degrees in applied science or engineering are highly desirable. Students lacking these prerequisites may be acceptable for the program, providing their undergraduate records and/or other indicators of success, such as the Graduate Record Examination (GRE), indicate an ability to work in quantitative subjects. While previous academic or practical experience in computer science is certainly helpful and can enhance the applicant's potential for admission, such experience is not a prerequisite. Active/Active Duty Reserve U.S. military and GS personnel are eligible.

COURSE NOTES: PGS DISTL (16 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471207	CURR 363	U	MASTER OF SCIENCE IN SYSTEMS ANALYSIS (MSA) OCONUS	104w	VAR	
ECL:				**EIMET:**	No	

The program is a distributed learning, graduate degree program, designed to meet the needs of the Navy and other services in the Department of Defense (DoD) for technical graduate education in systems analysis as a basis for aiding key decisions on force requirements, weapon systems, and other defense matters. Students acquire foundation skills and hands-on experience in all aspects of analytical studies, which includes the skills to formulate problems, use the analytical process to design study requirements, highlight critical assumptions, recognize strengths and weaknesses of applied analytical methodologies, and evaluate study recommendations. This program is especially tailored to students whose career pattern will not allow them to get away for a full-time, graduate education program. The entire degree program can be completed at the student's current duty station. This program consists of a blend of approximately 50% Web-based, online instruction, and 50% video-tele-education (VTE). The Web-based instruction is paced week-to-week by the instructors, but the students have great flexibility to do their course work at times of their choosing during each week. The VTE classes meet at a scheduled time, once per week, during the workday, with the agreement of the student's current command. Degree - Master of System Analysis (MSA)Course Start: Spring and Fall quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: A baccalaureate degree is required. Completion of mathematics through single variable differential and integral calculus is considered minimal preparation. An academic profile code (APC) of 335 is required.

COURSE NOTES: PGS DISTL (16 CRS)

P471208	CURR 835	U	MASTER OF SCIENCE IN CONTRACT MGMT (MSCM) OCONUS	104w	VAR	
ECL:				**EIMET:**	No	

The degree is designed to provide civilians in the Department of Defense (DoD) and other federal government agencies an advanced education in the concepts, methodologies and analytical techniques necessary for successful management of acquisition and contracting within complex organizations. The curriculum focuses on problem solving and decision making within the acquisition environment utilizing case studies, teaming exercises, hands-on applications, active participation, and other similar activities. Lecture and laboratory tasks require the application of critical thinking to problem solving within actual situations. The MSCM Program embodies an interdisciplinary approach to problem solving and analysis, including quantitative financial analysis, economics, and public and private sector operations. The curriculum is designed to provide civilians with the knowledge, skills, and abilities to manage and lead effectively in systems buying offices, field contracting offices, contract administration offices, and contracting policy offices. Degree - Master of Science Contract Management (MSCM) Course Start: Any quarter; dependent on cohort availability Quotas: Limited to 30 students per year.

PRE-REQUISITE: Candidates for the program must have achieved the following: a baccalaureate degree with a minimum undergraduate quality point rating (QPR) of 2.20; full certification at Level II or higher in the contracting career field under the provisions of the Defense Acquisition Workforce Improvement Act (DAWIA) (or equivalent certification for non-DoD personnel); and completion of an undergraduate course in management accounting.

COURSE NOTES: PGS DISTL (17 CRS)

P471209	CURR 836	U	MASTER OF SCIENCE IN PROGRAM MGMT (MSPM) OCONUS	104w	VAR	
ECL:				**EIMET:**	No	

The degree is designed to provide primarily civilians (officers may participate with sufficient time on station to complete the program) in the Department of Defense (DoD) and other federal agencies an advanced education in the concepts, methodologies and analytical techniques necessary for successful management of programs/projects within complex organizations. The curriculum focuses on leadership, problem solving and decision making within the acquisition environment utilizing case studies, teaming exercises, hands-on applications, active participation and integrative exercises. Lecture and laboratory tasks require the application of critical thinking to problem solving within notional and actual situations. Student input includes civilians (officers) from all DoD services and other federal agencies. The curriculum is designed to provide graduates with the knowledge, skills and abilities to manage and lead effectively in the federal government acquisition environment. Degree: Master of Science Program Management (MSPM) Quotas: Limited to 30 students per year Course Start: Spring, Summer, Fall and Winter quarters depending on cohort availability

PRE-REQUISITE: Candidates for the program must have achieved the following: a baccalaureate degree with a minimum undergraduate quality point rating (QPR) of 2.20; full certification at Level II or higher in one of the following career fields: program management; contracting acquisition logistics; test & evaluation; systems planning, research, development and engineering; or manufacturing, production, quality assurance under the provisions of the Defense Acquisition Workforce Improvement Act (DAWIA) (or equivalent certification for non-DoD personnel); and completion of the following two courses: (1) a course in statistics, and (2) a course in calculus.

COURSE NOTES: PGS DISTL (17 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471210	CURR 271	U	INFORMATION SYSTEMS AND OPERATIONS (ISO) OCONUS	52w	VAR	
ECL:				**EIMET:**	No	

The Information Systems and Operations (ISO) academic certificate program is designed to provide DoD personnel with an opportunity to obtain advanced education in the operational arts supporting Information Operations via asynchronous Web-based media. The four courses in the ISO program represent the foundation on which modern warfare is built: Command and Control, Space Operations, Network Operations, and Information Operations. This four-course sequence is also the bedrock of all operations-oriented, NETWARCOM-sponsored curricula at the Naval Postgraduate School: Information Systems and Operations; Information Warfare; Information Systems and Technology; Joint Command, Control, Communications, Computers, and Intelligence; Computer Science; and Space Systems Operations. These curricula exist because our armed forces must be prepared to fight and win the nation's wars across the full range of military operations in any part of the world, to operate with multinational forces, and to coordinate military operations, as necessary, with government agencies and international organizations. This requires a Total Force composed of well-educated, motivated, and competent people who can adapt to the many demands of future joint missions. The transformation of the joint force to reach this full spectrum dominance rests on information superiority as a key enabler and our capacity for innovation. The ISO academic certificate provides the fundamental education needed to achieve information superiority, thus enabling full spectrum dominance. The actions associated with information operations are wide-ranging-from physical destruction to psychological operations to computer network defense. The task of integrating information operations with other joint force operations is complicated by the need to understand the many variables involved and integrating these variables across the spectrum of conflict-whether facing an adversary during a conflict or engaged in humanitarian relief operations. Achieving this aspect of JV 2020 will require exceptional personnel, well versed in Information Operations and its integration with national security and national military objectives. The ISO academic certificate is provided through asynchronous Web-based media (i.e., the Internet) because DoD recognizes that this education should be available to their personnel regardless of geographic limitations. So, if students have access to the Internet, they have access to tools necessary to help meet U.S. national security objectives in the information battlespace. All courses in the ISO academic certificate are graduate-level courses carrying full NPS academic credit. They provide the baseline for advanced education in operationally essential disciplines. As such, they do not carry graduate prerequisite requirements; however, you must have demonstrated academic proficiency through completion of a baccalaureate degree program. Certificate - Academic Certificate in Information Systems and Operations Course Start: Spring, Summer, Fall and Winter quarters Quotas: Limited to 30 students per year

PRE-REQUISITE: Applicants must have earned a baccalaureate degree to be considered for admission.

COURSE NOTES: PGS DISTL (4 CRS)

P471211	CURR 272	U	INFORMATION SYSTEMS TECHNOLOGY (IST) OCONUS	52w	VAR	
ECL:				**EIMET:**	No	

The IST academic certificate provides education in the fundamentals of information systems technology. This education is essential to helping the U.S. military reach information superiority in the battle space. It also offers advanced education in areas essential to enabling global networked communications, including: databases, systems analysis and design, decision support systems, and network security. The IST academic certificate is provided through asynchronous Web-based media (i.e., the Internet) because DoD recognizes that this education should be available to their personnel regardless of geographic limitations. If you have access to the Internet, you have access to tools necessary to help meet U.S. national security objectives in the information battlespace. All courses in the IST academic certificate are graduate-level courses carrying full NPS academic credit. They provide the baseline for advanced education in essential disciplines in information technology. As such, they do not carry graduate prerequisite requirements; however, you must have demonstrated academic proficiency through completion of a baccalaureate degree program. Certificate - Academic Certificate in Information Systems Technology Course Start: Spring, Summer, Fall and Winter quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: Applicants must have earned a baccalaureate degree to be considered for admission.

COURSE NOTES: PGS DISTL (4 CRS)

P471212	CURR 805	U	EXECUTIVE MBA (EMBA), DEFENSE FOCUS OCONUS	104w	VAR	
ECL:				**EIMET:**	No	

The Executive Master of Business Administration (EMBA), offered by the Graduate School of Business & Public Policy (GSBPP), is designed to provide Navy officers with the knowledge and skills needed to be successful in future resource management assignments. The program's Defense-focused courses educate officers to think analytically, to synthesize information from a wide range of sources, and ultimately to make quality strategic decisions under conditions of uncertainty. In short, the goal is to provide the Navy with senior leaders prepared to face the business challenges and make the resource allocation decisions critical to achieving the objectives of the Navy. Students who are accepted into the EMBA program meet for classes once a week during duty hours in their local area. Officers enter as a "cohort", taking all classes together during the 24-months of instruction. The EMBA starts with a one-week introductory program at the NPS Monterey campus, including a two credit hour course in Managing Teams. Cohorts then return to their duty stations and the remainder of courses are taught using a blended program of distance learning approaches, which allows the EMBA to be offered to virtually any command equipped with appropriate video teleconferencing facilities. Officers remain at their current duty stations and carry out their assigned duties, while taking two graduate courses during eight successive academic quarters. Additional information on the program can be found at www.nps.edu/Academics/GSBPP/EMBA/.Degree - Executive Master's of Business Administration (EMBA)Course Start: Spring and Fall Limited to 100 students per year

PRE-REQUISITE: An entering student must possess an undergraduate degree with at least a 2.6 grade point average (245 APC).

COURSE NOTES: PGS DISTL (17 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471213	CURR 273	U	SPACE SYSTEMS CERTIFICATE (SS CERT) OCONUS	52w	VAR	
ECL:				**EIMET:**	No	

The Space Systems Certificate program is comprised of four courses (SS3011, PH3052, SS3613, and OC2902). Upon successful completion of the course work, students will be awarded a certificate of accomplishment in keeping with standard practices of the Naval Postgraduate School. The Space Systems Certificate program supports Navy and DoD space educational needs and complements existing resident training by providing cross-disciplinary science and technical education. The Space Systems Certificate program is targeted primarily at the enhancing the education and preparation for the USN Space Cadre personnel. The Navy's Space Cadre represents a distinct body of expertise horizontally integrated within the Navy active duty, reserves, both officer and enlisted, and civilian employee communities organized to operationalize space. Individuals completing the Space Systems certificate will receive an Additional Qualification Designator (AQD) of VS1 and will automatically be considered for designation as a member of the USN Space Cadre. Two significant events specified the requirement to establish a distance learning program for National Security Space (NSS) personnel in space systems and space applications. First, the DoD-wide space educational requirement was identified by the Undersecretary of the Air Force, as the Executive Agent for Space, as required in the "Commission to Assess United States National Security Space Management and Organization" (2001). Second, the USN Space Cadre Human Capital Strategy was signed by Commander, Naval Network Warfare Command on 25 Jan 2005, stating that completion of NPS Space Systems Certificate satisfied approved entry level space education for Space Cadre personnel. Based upon these events, the NPS Space Systems Certificate (SSC) was developed, comprised of the following four courses:" SS3011 Space Technology and Applications " SS3613 Military Satellite Communications (MILSATCOM) " PH3052 Physics of Space and Airborne Sensor Systems " OC2902 Fundamentals of Geospatial Information and Services (GIS)The original course and academic content for the SSC was vetted and approved by USN space and space training leaders. The Space Systems Certificate is a completely Web-based, asynchronous education program that covers fundamental areas of twenty-first century space enhancement to military operations as validated by NETWARCOM (November 2004). The learning outcomes for the SSC Certificate program directly support the Educational Skill Requirements within the Space Systems Operation (subspecialty code 6206P) degree. Evaluation of the Space Systems Certificate occurs in conjunction with the biannual Space Systems curriculum review. Certificate - Space Systems Certificate Program Course Start: Spring, Summer, Fall and Winter quarters Quotas: Limited to 30 students per year.

PRE-REQUISITE: A baccalaureate degree with above-average grades. Completion of college level Algebra 2 with a grade of 'C' or better is required.

COURSE NOTES: PGS DISTL (4 CRS)

P471214	CURR 274	U	ANTI-SUB WARFARE CERT PROGRAM (ASW CERT) OCONUS	52w	VAR	
ECL:				**EIMET:**	No	

The curriculum for the Anti-Submarine Warfare (ASW) Certificate Program supports the needs of the Navy in ASW, and complements existing warfare ASW training and qualification. The ASW Certificate Program provides a science and engineering foundation which covers fundamental concepts in four areas: Physical Oceanography; Signal Processing; Operations Research; and Engineering Acoustics. These subjects are the educational cornerstone for this highly interdisciplinary certificate program. Anti-Submarine Warfare encompasses multiple disciplines. The ASW Certificate is a distance learning curriculum that consists of four fully accredited courses delivered by multiple modes of instruction. Offered over a one-year period, these courses develop critical analytic skills and understanding of fundamental principles applied in ASW. Certificate - Anti-Submarine Warfare Certificate Program. This program does NOT award an academic certificate upon completion. Course Start: Contact the Program Manager. Normally once a year (March) Quotas: Limited to 25 students per year

PRE-REQUISITE: Baccalaureate Degree (BA or BS) Written Command Endorsement A working knowledge of single-variable calculus (MA1113) Probability and statistics

COURSE NOTES: PGS DISTL (4 CRS)

P471215	CURR 276	U	FUNDAMENTALS IN INFO SYS TECHNOLOGY (EFIST) OCONUS	39w	VAR	
ECL:				**EIMET:**	No	

This program has been designed to enhance students' knowledge of and productivity in the Navy's information technology fields. The courses are Web-based and will be delivered entirely online. They provide an introduction to the field of Information Technology Management and the functions and responsibilities of the information technology manager. The programming course meets DoN's IT21 mandated standard, as a high-level, event-driven, object-oriented, programming language. Course emphasis is on planning, program development, graphical user interfaces, rapid prototyping, program construction, data types, operations, control flow, arrays, records, file I/O, database access, and event-driven OOP structures. A fundamentals course focused on the basics of computer networking is included. Since networking is an underpinning to our technology-driven society, understanding the basics of computer networking is important to any technology professional interested in building a solid technology understanding, and is especially important as a precursor to other courses in the Information Systems and Information Technology arenas. Academic credit will be awarded for each course. All credits are transferable. These courses are taught by experienced NPS faculty and are available anywhere in the world: at home, on detachment, or at sea. A transcript of your grades and courses will be available from the Naval Postgraduate School upon completion. Certificate: Fundamentals in Information Systems Technology. This program does NOT award an academic certificate upon completion. Course Start: Contact the Program Manager Quotas: Limited to 30 students per year.

PRE-REQUISITE: A bachelor's degree is not required. There are no prerequisites

COURSE NOTES: PGS DISTL (3 CRS)

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471216	CURR 281	U	SYSTEMS ANALYSIS CERTIFICATE (SA CERT) OCONUS	52w	VAR	
ECL:				**EIMET:**	No	

The Systems Analysis Certificate program is a distributed learning, graduate-level, nondegree program designed to meet the needs of the Navy and other services in the Department of Defense (DoD) for nondegree technical education in systems analysis as a basis for aiding key decisions on force requirements, weapon systems, and other defense matters. Students learn and apply modeling, optimization, simulation, and decision making under risk and uncertainty. The Certificate Program consists of four, fully-accredited courses delivered entirely online over a one-year period. The course content and projects will challenge the student academically and address problems of interest to the Department of Defense. The courses are paced week-to-week by the instructors, but the students have great flexibility to do their course work at times of their choosing during each week. Certificate - Academic Certificate in Systems Analysis Course Start: Spring and Fall Quarters Quotas: Limited to 30 students per year

PRE-REQUISITE: A baccalaureate degree is required. Completion of mathematics through single variable differential and integral calculus is considered minimal preparation. An academic profile code (APC) of 335 is required.

COURSE NOTES: PGS DISTL (4 CRS)

P471350	PAFS DISTL	U	AJPME DISTL PHASE I	12w	VAR	
ECL:	85A			**EIMET:**	No	

The first 12 weeks are ADL block 1. This block is focused on lower-level cognitive learning (knowledge and comprehension). Students learn independently, interacting primarily with the courseware only. The AJPME course consists of a 40-week program of blended learning--that is, mostly distance education with two periods of face-to-face education. During the course of the online learning, students will participate in paired activities (working with one other student) as well as group activities (working with three to four other students), and seminar exercises. The online activities take place within a specified framework of approximately four hours per week; students must complete assigned lessons during the specified period. However, there is no requirement to be online at any specific time; students work at times most convenient for them, as long as all required work is completed on time. There are four distinct blocks of instruction; two advanced Distributed Learning (ADL), and two Face-to-Face (F2F) sessions. There are a total of nine non-instructional weeks scattered throughout ADL 1 and ADL 2 designed to allow students research time and time to transition between major lessons. The graphic above demonstrates a typical class although there may be variations in transition weeks due to major holidays. SPECIAL NOTE: This training is only one Phase of the Advanced Joint Professional Military Education Course. In order to complete the course, phases must be taken in sequence as fols:P471350 - AJPME DISTL PHASE IP171023 - AJPME RESIDENT PHASE IP471351 - AJPME DISTL PHASE II P171024 - AJPME RESIDENT PHASE II.

PRE-REQUISITE: INTERNATIONAL STUDENTS SHOULD BE HIGHLY FLUENT IN CONVERSATIONAL ENGLISH.

COURSE NOTES:

P471850		U	CSCDEP NON-RESIDENT SEMINAR	36w	VAR	
ECL:	80A			**EIMET:**	No	

COMMAND & STAFF DISTANCE EDUCATION PROGRAM, NON-RESIDENT SEMINAR This is the ON-LINE portion (or Non-Resident) of the one-year program. Other MASLs required: P171850 and P171851.The intent of the CSCDEP program is to provide officers with an understanding of the relationship among the strategic, operational, and tactical levels of war within a joint/multinational environment. In conjunction with the application of Marine Air-Ground Task Force (MAGTF) doctrine and techniques for the changing conditions of warfare, this understanding provides officers with the tools necessary to defeat opponents. The focus of the program is to develop officers who understand the capabilities and potential roles of a MAGTF in a joint/multinational environment. Operational Art (8903): Operational Art focuses on the analysis of strategic guidance provided by the President and Secretary of Defense and on the translation of that guidance into operational direction in the form of a campaign plan designed to achieve military objectives. The course examines the concept of operational (theater level) warfare and the relationship among the three levels of war: strategic, operational, and tactical. It explores the organization of joint forces, other Service warfare, information operations, and cultures affect on operations. Lastly, it examines, the considerations associated with operational planning in a joint/multinational environment and war termination. Joint Warfighting (8904): Joint Warfighting is primarily designed to give you a more robust knowledge of competency, joint planning systems and tools, joint operational capabilities, joint targeting, specialized joint operations, multinational operations, and your potential role in homeland security/defense in coordination with the interagency community. This course focuses on promoting sound operational planning which relies upon a firm grasp of the types of joint planning tools, forces, and specialized operations taught in this course. Small Wars (8905): Small Wars discusses the aspects of military operations that focus on deterring war and promoting peace and stability in an environment characterized by other than large-scale combat operations. It offers study in culture and ethics and focuses on those very difficult aspects of stability and reconstruction operations. Insurgency and counterinsurgency are also key topics within the course. Small Wars explores how the U.S. becomes involved in entangling situations then must use all elements of national power to accomplish national goals and aspirations. This course provides a foundation on which to assess a situation, decide whether military response is appropriate, and justify the validity of that decision. PREREQ: Offered to Officers O-4 and above, active and reserve, civilians employed by DOD GS-12 and above, and approved IMS.DURATION TOTAL OF ALL THREE SEMINARS: One year.

PRE-REQUISITE:

COURSE NOTES:

MASL No	CIN	Class	MASL Name	Dur	Loc Code	Location
P471854		U	CSCDEP REGIONAL SEMINAR OCONUS	96w	VAR	
ECL:	80A			**EIMET:**	No	

Informed by the study of history and culture, the CSCDEP educates and trains its joint, multinational, and interagency professionals in order to produce skilled warfighting leaders able to overcome diverse 21st Century security challenges. The CSCDEP is a JPME Phase I certified Service Intermediate-Level College (ILC), and provides its students a graduate level education. The CCE provides this education via onsite and online seminars, utilizing the Blackboard online learning environment, in order to ensure that every student benefits from the seminar experience and timely, relevant curricula reach all non-resident students at the right time and place. This mission parallels the resident schools but recognizes the unique nature of the distance learning environment. The following are the CSCDEP courses: First Year -Theory and Nature of War (8901) - National and International Security Studies (8902)-Operational Art (8903) -Joint Warfighting (8904)Second Year-Small Wars (8905)-MAGTF Expeditionary Operations (8906) -Amphibious Operations (8907) - Operation Planning and Final Exercise (8908) Student is given 24 months (96 weeks) to complete this correspondence course.

PRE-REQUISITE:

COURSE NOTES:

PCORDV2		U	INTRO TO PERSONNEL RECOVERY	0w	PCPT	Fredericksburg, VA
ECL:				**EIMET:**	No	

Course Development Initial objectives are focused on exposing/enhancing awareness of international students to the DoD Personnel Recovery Program. The short-range objective is to foster dialog and discussion from a national perspective and relate key tenets of PR to their own national government's security-sector capacities. A realistic mid-term goal is to nurture an understanding of how PR relates to civil search-and-rescue (SAR) applications and capacities as well, and its effect on internal stability and government support. Ideally, students will identify realistic SAR-related objectives that DOS and DoD can appropriately support and champion through appropriate bilateral venues. The long-range objective is to nurture an expansion of both military and civil SAR capacity in specific countries that could offer potential secondary DoD and/or theater coalition operational support, in addition to representing an established host-nation capability.

PRE-REQUISITE: Course content will be unclassified.- The course will be conducted in English.- Attendees will be expected to have sufficient conversational English language proficiency, as well as a working knowledge of operational military terminology.

COURSE NOTES:

PDET002	SPECIAL	U	COMPUTER TECHNOLOGY AND MGMT INFORMATION SYSTEMS	0w	POTD	Pensacola, FL
ECL:	65			**EIMET:**	No	

Train international personnel in Basic, Intermediate, or Advanced Computer Operations, and provides an introduction to various Computer Software Programs and Applications. Note: Students should report 5 days prior to class convene.

PRE-REQUISITE:

COURSE NOTES:

PDET016	SPECIAL	U	BUD/S, DIVE, AND SWIM PREP	0w	POTD	Pensacola, FL
ECL:	80R			**EIMET:**	No	

Program provides international students the opportunity to meet the necessary physical standards or be able to physically qualify in U.S. navy training programs including pilot, Naval Flight Officer (NFO)/Weapons Systems Officer (WSO), rescue swimmer, Basic Underwater Demolition/Seal (BUD/S), Dive and aircrew training. The physical training is designed to build the students overall body strength in order to meet the rigors of the many physically demanding qualities found in all types of aviation training and other areas requiring high physical standards. Water survival training exposes the student to special swim conditioning to familiarize and be able to adapt to the open water environment.

PRE-REQUISITE:

COURSE NOTES: Students attending the International Dive School in Panama City are required to have steel toed boots.

PNPSDEV		U	NPS COURSE DEVELOPMENT	1w	PGS	Monterey, CA
ECL:				**EIMET:**	No	

Course Description:

PRE-REQUISITE:

COURSE NOTES:

Recent Course Additions

The MASLs listed have been added since 01 January 2012. Please see Navy Course Listing by MASL for descriptions.

Course Title	MASL No	CIN	Location Code	Location Name

Recent Course Deletions

These courses have been deleted/deactivated since 01 January 2012.

MASL No	MASL Title	CIN	Location Code