

AEROSPACE PHYSIOLOGY TECH
Naval Operational Medical Institute
Pensacola, FL

MASL P175110 ECL 80

Duration is 9 weeks

Course is offered 5 times per year

To train in the basic knowledge and skills as a technical assistant to the Naval Aerospace Physiologist and Aeromedical Safety Officer. To provide instruction in aeromedical aspects of flight, low pressure chamber systems and operations, emergency egress systems, personal and flight/survival equipment, aircraft mishap investigation, laser safety, night vision devices, medical intelligence and water survival techniques. Perform administrative duties required of Aviation Survival Training Centers. The course includes instruction in advanced anatomy/physiology of the eye, ear, nose, throat, sinuses, circulatory, respiratory and vestibular systems. Introduction to the effects of the aviation environment upon the circulatory, respiratory and vestibular systems.

Prerequisite Info: HM-SCH BAS - B-300-0010/6084 (P175504) OR equivalent training and experience ; Maximum age 31

STRESS & ANGER MGMT

Naval Operational Medical Institute
Pensacola, FL

MASL P175302

ECL 70

Duration is 2 weeks

Course is offered 4 times per year

Provides students with the means of recognizing symptoms of stress and the ability to cope with it through relaxation techniques, diet and exercise, and, time management. Includes causes of anger, history, responses, ways to handle criticism and anger aggression vs. assertiveness, coping and self-esteem.

AIR SICKNESS DESENSITIZE
Naval Operational Medical Institute
Pensacola, FL

MASL P175305

ECL 70

Duration is self-paced (6-8 weeks)

Course is offered on request

A comprehensive treatment of last resort for airsickness in aircrew who have not adapted to the dis-equilibrating environment of flight. Self-Paced Airsickness Desensitization (SPAD) use of cross-coupled coriolis stimulation 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.

PHYSIOLOGISTS COURSE

Naval Operational Medical Institute
Pensacola, FL

MASL P175113

ECL 80

Duration is 10 weeks

Course is offered 4 times per year

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 invitation 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."

AEROSPACE PHYSIOLOGY TECH
Naval Operational Medical Institute
Pensacola, FL

MASL P175111

ECL 80

Duration is 1 Day

Course is offered 5 times per year

Prerequisites: Course requires a current aero-medical clearance notice (flight physical).

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.

EMERGENCY WAR SURGERY

Naval Medical Center

San Diego, CA

MASL P175801

ECL 80

Duration is 1 week

Course is offered once per year

This course describes the common patterns of battlefield injuries and familiarizes the student with their surgical management. It discusses a variety of battle damage control techniques, and defines the concept of forward resuscitative measures in the management of battlefield casualties and evacuation. Students will perform basic emergency ophthalmologic, orthopedic and neurosurgical procedures through "hands-on" instruction by surgical specialists in a cadaveric lab. The student will demonstrate expertise in performing an exploratory laparotomy for trauma through a variety of simulated injuries in the pig lab.

Additionally, the course demonstrates the principles of ultrasound techniques in combat trauma patients using didactics and simulation lab. The student must demonstrate the ability to manage multiple battlefield casualties in a simulated mass casualty exercise.



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United States Navy

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