FMTR Course List

2ND CLASS SWIMMER TEST - MASL : P129490

This course provides U.S. Navy personnel who already possess good swimming skills with the opportunity to become certified second class swimmers. 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.

308 MSE/I - MS - MASL : P174015

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.

361 OPERATIONAL LOGISTICS - MS - MASL : P179918

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.

369 SOFTWARE ENG PROGRAM MSSE - MASL : P179129

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.

370 INFO TECHNOLOGY MGT MS - MASL : P179904

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.

373 AIR-OCEAN SCIENCES-MS - MASL : P174235

This curriculum provides a thorough understanding of the principles governing the physical and dynamic properties of the ocean and atmosphere.

399 MODEL VIR ENVIRON - MS - MASL : P179067

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.

Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

399 MODEL VIR ENVIRON -PHD - MASL : P179068

Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

526 UNDERSEA WARFARE INTL - MASL : P179911

This curriculum provides the student with engineering fundamentals, physical principles, and analytical concepts that govern operational employment of undersea warfare sensors and weapons.

580 SYSTEMS ENGINEERING - MASL : P174270

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.

681 REG SEC STDS-(MDE,SA, SUB-SAH AFRICA) MA - MASL : P179031

REGIONAL SECURITY STUDIES - MIDDLE EAST, SOUTH ASIA, AND SUB-SAHARAN AFRICA

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. This course 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 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, Africa, South Asia.

682 REGIONAL SECURITY STUDIES (FE/SEAS/PACIF)-MA - MASL : P179032

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. This course 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 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.

684 NSA (EUR/USSR) MA - MASL : P179033

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. His course 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 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 the USSR.

689 C DEFENSE DECISION MAKING AND PLANNING - MASL : P179029

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.

Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

689 CIV-MIL RELATIONS & NATIONAL SECURITY-MS - MASL : P171403

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.

Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

689B INTERNATIONAL SECURITY BUILDING POST-CONFLICT ENVIRONMENT - MASL : P179028

This 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 E-IMET.

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.

Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

689D COUNTERTERRORISM POLICY AND STRATEGY-MA - MASL : P173201

In January 2007, the National Security Affairs Department will launch a new track on Counterterrorism Policy and Strategy (689D). 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.

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.

694 PHILOSOPHY IN SECURITY STUDIES - PHD - MASL : P173401

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.

699 SPECIAL OPERATIONS -MS - MASL : P173200

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.

815 ACQUISITION AND CONTRACT MANAGEMENT - MS - MASL : P179908

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.

816 SYSTEM ACQUISITION MANAGEMENT-MS - MASL : P179909

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.

819 SYSTEMS INVENTORY MANAGEMENT MS - MASL : P179907

This curriculum provides the student with knowledge of working supply chain management techniques.

A/C NDI TECH CLASS C1 - MASL : P141369

This curriculum provides the student with knowledge of 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.

Note: must complete a pre-placement radiation medical exam as prescribed by NAVMED P-5055.

Medical History, thorough physical exam, and complete blood line study + urinalysis. No waivers.

A/C STRUCT RPR CORR CONTRACTOR - MASL : D141396

This course is designed to prepare the aircraft technician for the responsibilities and duties at an apprentice level in the aircraft structural maintenance career field. Students will learn to use tools ranging from basic hand tools to specialized tools. This course teaches them to repair, modify, and fabricate aircraft metal components and assemblies. They will also learn the theory of corrosion and to form a better understanding about common aircraft metals. Finally, students will learn the fundamentals of painting aircraft parts. Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

- FUNDAMENTALS: This block begins with a course orientation, where students learn about the academies policies, programs, and academic objective requirements. Students are given an introduction to safety doctrine and practices. They will learn the characteristics and identification of common aircraft metals. Students learn shop mathematics, how to interpret technical drawings, and tool control. Students initially learn how to use simple tools such as: rulers, scribes, and dividers to develop metal layouts and cut them with non-powered equipment. Lastly, the student will use the same metal layouts to learn how to make different types of sharp bends.
- FABRICATION OF AIRCRAFT PARTS: In block II, students will learn about setback and bend allowance-using tables and charts to calculate the minimum and maximum radius bends that can be accomplished. They will also fabricate a Simulated Aircraft Structure (SAS) utilizing their knowledge. Afterwards, they will learn to form a metal part by hand then by machine forming.
- PREPARATION FOR STRUCTURAL ASSEMBLY: During block III structural assembly preparation, students advance and begin to use powered equipment and tools. They learn about the power shear and band saw and how they are used to cut out sheet metal. Rivet identification, rivet pattern and rivet layout is taught followed by pneumatic drilling, countersinking, and dimpling holes using the SAS.
- CORROSION PREVENTION AND STRUCTURAL ASSEMBLY: The students learn about technical orders and the principle of corrosion affecting common aircraft metals. They learn about hazardous materials and the importance of shelf life program for chemicals. The students learn about spray guns, spray pattern defects, chemical preservation, and application of primer on the SAS. The student is taught pneumatic riveting on the SAS. A protective coating is applied to the SAS.
- AIRCRAFT STRUCTURAL REPAIR: The students learn about classifying damage and stop-drilling cracks. They also learn about coating and corrosion removal. Lastly, they apply non-flush repair and a combination repair on the completed SAS.
- SPECIAL ASSEMBLIES: In the final block of instruction students learn about the most common hardware and fasteners used on aircraft. They will also learn how to manufacture aircraft tubing assemblies. The course concludes with a section on aircraft cables.

A/C SUP EQUIP BAS WELDING - MASL : P141109

This course is designed to provide formal training, certification and necessary instruction in basic welding using the GTAW process on aluminum alloys, steel alloys, stainless steel alloys and precipitating hardening nickel based alloys.

A/S 32P19 FIRE TRUCK MAINTENANCE - MASL : D148180

In this course students will learn maintenance of vehicle engine, power divide, transmission, axle assemblies, power steering, brakes, air system, dispensing system, halon system, turret systems, winterization system, electrical system, air conditioning, and organizational maintenance of the A/S32P-19 fire truck. Safety is emphasized in all areas.

ACFT FUEL SYSTEM MECHANIC - MASL : D141044

The course trains airmen to perform duties prescribed in AFMAN 36-2108 for Aircraft Fuel Systems Apprentice, AFSC 2A634. Training includes an introduction to maintenance management, technical orders, and the Core Automated Maintenance System (CAMS). Also taught are basic fuel system designs, operating principles, and maintaining aircraft fuel systems with high emphasis on safety of personnel and equipment. In consideration of the group/size constraints imposed by the aircraft fuel systems equipment, certain modules of instruction were designed to permit simultaneous training and performance on the various tasks involved using a team and/or subgroup approach.

ACFT MAINTENANCE/OBS - MASL : D241010

Student is placed beside U.S. personnel and learns by observation only. Observation experience is captured in the course title and reflected on the applicable training track line (wcn/suffix)

ACFT PNEUDRAULICS SYSTEM TECHNICIAN - MASL : D141247

This course provides training in the fundamentals of pneudraulics at the apprentice level to enable students to become proficient on hydraulic and pneumatic principles, system theory, hydraulic system and subsystem operation, on-aircraft troubleshooting techniques and related system support equipment. Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

- FUNDAMENTALS AND PUBLICATIONS This block begins with a course orientation, where students learn about the academys policies, programs, and academic objective requirements. Instruction is provided on ground, back-shop, and flight line safety. Students learn the principles of flight, hydraulics, and pneumatics. They will also receive instruction on solving equations pertaining to basic pneudraulics principles, detailed instructions on the use of technical orders, as well as maintenance manuals and illustrated parts breakdown.
- TOOLS AND AIRCRAFT HARDWARE This block provides necessary information on the proper selection and care of hand tools and detailed instruction on the use of torque wrenches, calipers, and micrometers, allowing students to determine allowable tolerances of components. Students will receive instruction on safety devices and demonstrate proper safety procedures, learn to identify hydraulic fittings, seals, hydraulic fluids and lubricants used on aircraft pneudraulics systems. Additionally, students will fabricate a medium pressure hose assembly.
- MAINTENANCE EQUIPMENT Block III provides students with the fundamentals and operation of shop equipment, aircraft jacks and maintenance stands. They learn to interpret support equipment schematics on the MJ-1-1 hydraulic test stand and MC-1A air compressor. They also learn to operate and adjust an MJ-1-1 hydraulic test stand to support aircraft hydraulic systems and sub-systems operational checkouts. Instruction is also provided on the operation of the MC-1A air compressor. Finally, students will operate and adjust pressure output to service aircraft pneumatic systems.
- BASIC COMPONENTS OF A HYDRAULIC SYSTEM This block concentrates on the description and theory of operation of basic hydraulic system components. Items covered in the block include: hydraulic reservoirs, hydraulic pumps, pressure regulators, filters, accumulators, and selector valves. Students will arrange components in the required sequence to properly build an operable hydraulic system. They are instructed in the operation of an opened and closed center hydraulic system. They will also learn proper servicing procedures of aircraft hydraulic reservoirs. Troubleshooting and inspection techniques are covered and students will use techniques learned to diagnose common malfunctions on hydraulic systems, pressure regulators and accumulators.
- SUBSYSTEM COMPONENTS During this block students will learn to use schematics and state the purpose of control valves; explain the operation of a hydraulic fuse, flow regulator, and a hydraulic flow equalizer. They will explain the purpose and operation of a pressure-reducing valve, methods for controlling sequencing valves and hydraulic system sequencing, as well as calculate three pressure settings for relief valves, and explain the operation

of a hydraulic motor and how mechanical forces are developed. They will learn general procedures to overhaul and inspect a double-acting unbalance of actuating cylinders.

- OPERATION OF PNEUDRAULIC SYSTEM AND SUBSYSTEMS Using schematics, students will learn the theory of operation of the A-37 hydraulic system and subsystems. They will perform an operational check of the hydraulic system and subsystems. Students will perform an operational check of the hydraulic system.

ACQUISITION LAW - MASL : B154028

This MASL is used when ACQUISITION LAW is programmed.

ACQUISITION LOG FUNDAMENT - MASL : B151008

Acquisition Logistics Fundamentals provides a broad overview of the role of acquisition logistics in the system acquisition life cycle and system engineering processes. Modules cover the logistics-relevant aspects of requirements identification, life cycle costing, integrated product and process development, sustainment logistics, supportability analysis, product support, contracting, and contractor support.

Students who successfully complete this course will be able to:

- Understand how today s defense systems and equipment are conceived, developed, tested, acquired, and operated
- Understand the role of the commercial sector
- Comprehend the philosophy and objectives of logistics support and attendant management functions
- Understand logistics-related disciplines and the policies, procedures, and management techniques used to establish a logistics support capability

ACSC - ASSOCIATE PROGRAM - MASL : D171025

ACSC's nonresident correspondence and seminar programs are integral to the college, paralleling the resident school curriculum with a focus on war fighting at the operational level, doctrine, jointness, and the profession of arms. While the correspondence program is based on guided self-study, the seminar program is structured around self-study but enhanced by an interactive group classroom environment.

Correspondence Program:

This program is specifically designed to meet the needs of individuals who prefer self-paced learning opportunities. The curriculum, composed of three separate blocks (A, B, and C), covers three areas of instruction: communications, history, and foundations of doctrine; combat support, policy, and joint force planning; and operational art, campaign planning and execution, and global challenges. Students must pass a closed-book exam for each block of instruction and successfully complete a book analysis and writing assignment. The time limit for completing the correspondence program is currently 4 years. This limit is under review with a proposed 18-month completion period.

Seminar Program:

The 40-lesson seminar curriculum covers the same three areas of instruction as the correspondence program. Student-led seminars meet weekly for approximately 3 hours to discuss each lesson. Seminar members are required to lead lessons, give briefings, complete a book analysis and writing assignment, take closed-book examinations, and contribute to seminar discussions. Members normally complete the curriculum within 1 year of enrollment. Seminars run from August to June.

ADD'L PROFICIENCY FLIGHT - MASL : B113151

This MASL is used when ADD'L PROFICIENY FLIGHT is programmed.

ADJUTANT GENERAL OFF ADV - MASL : B171590

In this course the primary emphasis of training will be on teaching the student tasks, skills, and knowledge needed to be an effective personnel and administrative systems management officer (AOC 42B). Training will focus on problem-solving capabilities, managerial techniques, and character attributes needed to be a good leader.

ADVANCED AEROSPACE MED/FGN - MASL : D175062

Designed for international flight medical officers/flight surgeons who have completed the Aerospace Medicine Primary Course (B30BY48G1-000) or a USAFSAM approved equivalent course in Aerospace medicine and have served at least 2 years as operational flight surgeons at base or squadron level. Not intended for those who have already completed advanced training or residency training in Aerospace medicine and are working as specialists in the field. The course emphasizes military Aerospace medicine. It also provides exposure to a wide range of Aerospace Medical topics, including civil aviation medicine and space medicine. It enables students to address clinical Aerospace, hyperbaric, and global preventive medicine

problems; to evaluate and control or resolve operational Aerospace medical problems; to perform the Aerospace Medical/human factors aspects of aircraft mishap investigations and prevention, and to assume higher levels of responsibility in their Aerospace medicine careers. The USAFSAM Department of International Expeditionary Education and Training at Brooks City-Base will approve admission of all applicants based on their academic and physical qualifications and following recommendation of their respective government or air force. Formal training in Hyperbaric Medicine, as well as Occupational Medicine, will also be completed. Elective learning opportunities will be available to each student to pursue scientific projects pertinent to his or her Air Force. Oral presentations will be given by each student on his or her Aerospace Medicine system and a clinical Aerospace Medical case presentation will be made at the Annual Aerospace Medicine Association meeting.

Course Dates: One class per fiscal year; January - June annually.

ADVANCED CALIBRATION TECHNICIAN - MASL : P148363

This course 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.

ADVANCED ENVIRONMENTAL PROTECTION - MASL : P174243

This course teaches advanced principles of environmental protection for civil engineer staff officers.

ADVANCED GEODETIC SURVEYING (AGS) - MASL : B174105

Provide selected NCOs with a working knowledge of those technical skills required to perform as a topographic survey noncommissioned officer in the rank of SSG. Provide instruction to noncommissioned officers in advanced geodetic survey techniques, survey project planning, survey project execution, survey project management and survey project reporting. Provide a working knowledge of survey project planning, project management, project reporting, and advanced geodetic surveying techniques to include: satellite and inertial positioning systems; automatic integrated surveying instrument-AISI (total station); computing and adjusting geodetic figures, directions, length, and positions; survey applications using microcomputers; and precision instrumentation related to high order surveys.

ADVANCED RADAR AIR TRAFFIC CONTROL - MASL : P133026

This course 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.

ADVANCED ENGLISH LANGUAGE PROGRAM - MASL : B177031

This MASL will be programmed when Advanced English Language Program is required.

ADVANCED INSTRUMENT SCHOOL - MASL : D119049

This is a non-flying course of instruction in instrument procedures and techniques.

This course qualifies pilots as instrument ground school (IRC) instructors and provides unit experts to commanders on matters affecting instrument training and procedures. Consists of pre-course study, extensive academics, and various simulator profiles.

ADVANCED LOGISTICS OFFICER - MASL : P179252

The goal of this course is to provide advanced knowledge and skills required to perform the duties of an executive logistics manager. This course is designed to prepare and expose field grade officers to key executive managerial positions within the Marine Corps and DOD logistics systems. This course will also provides insight into the multifunctional areas of logistics and Combat Service Support (CSS) and their integration into the overall DOD logistics system.

- Phase I covers UMSC Logistics and Support.

- Phase II overviews national organizations and operations and USMC interrelationships and interdependencies of the various components and commands of the DOD and other government agencies.
- Phase III overviews Global Logistics, focusing on NATO Logistics, United Nation Logistics/Operations/Contracting, Humanitarian Assistance, and Peace Support Operations.

Note: This is a PME School Course.

ADVANCED MANAGEMENT PROGRAM - MASL : B155420

The fourteen week graduate-level Advanced Management Program (AMP) provides functional and technical information resources managers with an integrated understanding of new policies and imperatives such as the Clinger-Cohen Act of 1996, the Federal Acquisition Streamlining Act (FASA) and the Federal Acquisition Reform Act (FARA). Graduates will be able to form effective managerial partnerships to effectively justify, allocate, and apply information resources to mission requirements in compliance with regulatory, policy, and ethical standards.

The AMP core provides comprehensive coverage of the key competency areas required of the Chief Information Officer and other senior IRM officials. These competency areas include application of governing IRM policies, laws and reporting requirements; information resources strategic planning that links the agencies vision, mission, and programs with performance standards and budgets; information planning strategies using BPR and modeling; capital planning and selection and evaluation of investments using established criteria; benchmarking and process analysis to ensure performance and results based management; assessing technology trends and identifying organizational technology needs; applying standards and guidelines for designing architectures to align technology with organizational structure, processes, and human resources; acquiring technologies using acquisition reform to support efficient and effective government operations; and leading the organization through changes necessitated by this new way of doing business.

Specialty Tracks provide two weeks of in-depth education related to the CIO competencies covered in the core to meet the specific IRM-related learning needs of students. Students select one of the following Tracks: Critical Frameworks Underlying Public Policy, Emerging Information Technologies, Best Practices in Change Management, and Information Systems Acquisition. The Domestic Field Studies provide students the opportunity to observe corporate and government information resources practices and discuss strategic and technological considerations with organizational leaders. The Electives Program also allows each student to do additional study in areas of particular professional interest. Students may select courses related to information strategies, information operations, information technologies, or acquisition management.

The AMP primarily serves the DOD community (both civilian and military), but the IRM College is also dedicated to promoting government-wide capability and professional partnering. To this end, the class composition includes students from other federal agencies, state governments, and international governments. Private industry students also have the unique opportunity to attend the AMP, contributing to and learning from the depth and breadth of professional expertise brought together in this forum.

The goals of the AMP are to:

- Develop senior leaders who can effectively work in partnership at all levels to meet agency, Department, and national goals relative to information resources.
- Develop leaders with decision-making skills and capabilities to effectively apply regulatory requirements to further organizational missions.
- Prepare graduates to plan, manage, and integrate IRM tasks in support of the Chief Information Officer to ensure appropriate allocation of resources complying with regulation, policy, and ethical standards.
- Develop individual skill in assessing, selecting, and introducing innovative technologies for mission effectiveness.

ADVANCED MANAGEMENT PROGRAM - MASL : P162255

Due to contractual considerations, tuition cost includes lodging and meals. Students receiving living allowance will be paid the incidental rate plus any meals not provided.

Course is six days a week for three weeks

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. MASL cost includes lodging, and breakfast, lunch and dinner 6 days a week. 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.

ADVANCED MILITARY STUDIES - MASL : B171764

The goal of this course is to provide advanced knowledge in military science and theory, military art and doctrine, preparing for war, joint and combined operations. This course:

- Studies the history and scope of war from antiquity to the present.
- Examines current and future issues of operational concepts and doctrine across the spectrum of conflict.
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ADVANCED OPERATIONAL STUDIES FELLOWSHIP - MASL : B171765

This course focuses on the art and science of war at the operational level and the operational to strategic interface. The students are provided a challenging Senior Service College curriculum.

The major parts are:

- Conducts seminars about military classics, theory, campaigns and strategy
- Meets periodically with the Advanced Military Study Program students
- Prepares a monograph; travels to major headquarters worldwide and through interviews with key personnel
- Enhances an appreciation of regional strategic and operational issues

The students complete the following courses: Foundations of Military Theory and Doctrine, Contemporary Operational Art, Evolution of Operational Art, Preparation for War, Military Classics Colloquia, Strategic Studies, and Regional Assessments.

ADVANCED TEMPEST TESTING - MASL : D164011

DOD interagency course for engineers/technicians in the advanced skills required for conducting TEMPEST testing. Training includes: communications theory, intermediate TEMPEST analysis, developing TEMPEST test plans, TEMPEST test documentation, TEMPEST test execution, and the rationale for limits and requirements.

ADVANCED TRAUMA LIFE SUPPORT - MASL : B175481

The Advanced Trauma Life Support (ATLS) (this is a registered trademark of the American College of Surgeons), provides a 3-day course located at Fort Sam Houston, Texas in conjunction with the Combat Casualty Care Course (C4).The content and skills presented in the materials are designed to assist doctors in providing emergency care for the trauma patient. The Advanced Trauma Life Support Course provides the essential information and skills that a physician may apply to the identification and treatment of life-threatening or potentially life-threatening injuries.

AEGIS COMBAT SYSTEMS MTTK2 JMSDF - MASL : P179343

This course is designed to provide officer and enlisted personnel the knowledge and skills required to perform the duties of the Combat System Maintenance Manager aboard JMSDF CLASS GIS DESTROYER.

This course covers an introduction to and theory of the GIS COMBAT SYSTEMS management, including readiness assessment, CS system tests, combat system operability test, CSOSS, support equipment, CS status and alarms, combat system alignment, CSOOW, CSOSS supervisory areas, GIS Combat Training System (ACTS), and CS Casualty Control Exercise Development.

AEGIS COMBAT SYSTEMS OFFICER JMSDF - MASL : P179342

The purpose of this training is to train personnel to direct warfare area operations, and to operate the GIS Display System and C&D System consoles. This course covers the general, physical, and functional descriptions of the JMSDF Combat System elements, computer programs, CSOSS, and integration descriptions of elements with the Combat System for a specific hull. Training provides the management level information required to direct the operation in anti-air, anti-surface, and anti-

submarine warfare, and to manage combat system maintenance. Students direct all warfare area operations, operate the GIS Display System and C&D System Consoles, and construct, enter, and manipulate operational doctrine to participate in multi-warfare scenarios, which simulate underway conditions. Hands-on instruction (approx. 40% of the course) includes operational scenarios.

Max Class size: 12 students.

Method of Teaching: Classroom lessons and hands on training for available and applicable equipment to the AWS. Simulations used as appropriate, with differences explained. Prerequisites: Designated as CSO, TAO. Graduate of Surface Warfare Officer School or equivalent. Security Clearance of SECRET.

Normal Color vision.

Invitational Travel Orders required.

Minimum ECL score of 70%.

AEGIS COMPUTER NETWORK TECHNOLOGY (NO) - MASL : P179348

This course is specific to NORWAY and trains technicians in recognition and interpretations of malfunctions, documented fault isolation procedures, techniques to employ when procedures fail to isolate the malfunction and remove and replace procedures. This course covers the physical and functional description required to support all operation and maintenance of the AN/UYK-43 Computers, Rack Based Console (RBC), TAC X DTS, GIS Conversion Equipment System (ACES), Embedded Processor System Group, Network Routers, Rack Based Console OJ-721/UYQ (V), OJ-719/UYQ-70 Command and Decision Consoles, OJ-720/UYQ-70 GIS Display Consoles and the ATES, ATOE, UNIX operating system and Advanced Analog Signal Distribution System. To include the use of special tools and test equipment; scheduled preventive maintenance tasks; operational tests; alignments and adjustments.

Training on USN equipment as applicable to the IWS.

AEGIS COMPUTER NETWORK TECHNOLOGY (KS) - MASL : P179512

The purpose of this course is to train technicians in recognition and interpretation of malfunctions, documented fault isolation procedures, techniques to employ when procedures fail to isolate the malfunction, and remove and replace procedures.

This course covers the physical and functional description required to support all operation and maintenance of the GIS processors, GIS Conversion Equipment Group (ACEG), Mission Critical Switches, MCEs, Rack Based Console OJ-721/UYQ(V), OJ-719/UYQ-70 Command and Decision Consoles, OJ-720/UYQ-70 GIS Display Consoles and the UNIX operating system. This includes the use of special tools and test equipment; scheduled preventive maintenance tasks; operational tests; alignments and adjustments.

Method of Teaching: Classroom lessons and hands-on training provided on available and applicable equipment to the AWS. Simulations used as appropriate with differences explained.

General knowledge in electronics.

Security Clearance of Secret.

Normal color vision. Invitational

Travel Orders required.

ECL Scoure of 70%

Maximum Class Size: 12 Students

AEGIS COMPUTER NETWORK OPERATION AND MAINTENANCE (KS) - MASL : P179366

Through Classroom presentation with simulations and tactical equipment use where appropriate this course provides the student a detailed knowledge of the GIS element Advanced Processing Services (APS), enclosures, and AN/UYQ-70 based tactical display equipment theory, operation, and maintenance. The course covers the physical, functional, and operational elements of the GIS Advanced Processing Services (APS). Also included, are the Mission Critical Enclosures (MCE) and Commercial-Off-The Shelf (COTS) related equipment Functional and operational description of the AN/UYQ-70 tactical display equipment will be discussed. Basic operation of the ORTS, to include Fault Detection and Fault Isolation (FD/FI) testing of the MCE cabinets will be included. Other areas covered will be ADS, ADS Command Role, and sub mode operations to support warfare operations.

MAX Number of Students: 24

General knowledge of electronics.

Normal Color Vision.

Invitational Travel Orders required.

Successful completion of the UNIX for SOLARIS/LAN Overview Course

AEGIS CONSOLE OPERATION JMSDF - MASL : P179341

To provide Officers and Operations Specialists (OS) personnel the knowledge and skills required to operate the GIS COMBAT INFORMATION CENTER (CIC) on JMSDF DDGs and to perform the duties of applicable watch stations. SCOPE: This course provides an operational description of the GIS COMBAT SYSTEMS, including capabilities and limitations supporting each warfare area. The CIC will be presented in detail to explain the physical and functional relationship of each warfare area including equipment, operator positions, and supporting sub modes. Trainees learn to operate display consoles, communications, and other equipment necessary to perform required tasks. The training is designed to provide maximum time in hands-on practical applications in a JMSDF REPLICATED CIC.

This course is for international customers only.

AEGIS FIRE CONTROL SYSTEM/OPERATIONAL READINESS TEST /2-SPAIN - MASL : P199039

To provide the knowledge and skill required to perform the operation and organizational-level maintenance on the MK-99 Fire Control System and the MK-7 Operational Readiness Test System.

This course covers the physical, functional, and interface description required to support all operation and maintenance including the use of special tools and test equipment; scheduled preventive maintenance tasks; alignments and adjustments; recognition and interpretation of malfunctions; documented fault isolation procedures; techniques to employ when procedures fail to isolate the malfunction; disassembly and reassembly procedures; and to function as Missile System Supervisor (MSS) in CIC, as well as Test Monitor Central Operator in Combat Systems Maintenance Central.

AEGIS FCS/ORTS OPS/MT TRK2 JOINT MARITIME SELF DEFENSE FORCE - MASL : P199027

To provide the knowledge and skill required to perform the operation and organizational-level maintenance on the MK-99 Fire Control System and the MK-7 Operational Readiness Test System.

This course covers the physical, functional, and interface description required to support all operation and maintenance including the use of special tools and test equipment; scheduled preventive maintenance tasks; alignments and adjustments; recognition and interpretation of malfunctions; documented fault isolation procedures; techniques to employ when procedures fail to isolate the malfunction; disassembly and reassembly procedures; and to function as Missile System Supervisor (MSS) in CIC, as well as Test Monitor Central Operator in Combat Systems Maintenance Central.

AEGIS OVERVIEW COURSE (IP) - MASL : P199040

The goal of this course is to provide an Overview of the GIS Combat System to include elements, equipment, interfaces, computer program, Operational Readiness Test System (ORTS) testing and readiness assessment, CIC organization and Sub mode Hierarchy, Doctrine description, Combat System Support Equipment, and AAW and ASUW Detect to Engage sequences.

This course is for international customers only.

AEGIS SPY-1BD OPERATION AND MAINTENANCE/2-SPAIN - MASL : P199038

The goal of this course is to provide the knowledge and skill required to operate and perform the organizational-level maintenance on the Radar System AN/SPY-1B(V)/D, and elements of the CG-59 and DDG-51 F-100 Class Ships MK-7 GIS Weapon System.

This course covers the physical, functional, and interface description required to support all operational maintenance including the use of special tools and test equipment, scheduled preventive maintenance tasks; operational tests, alignments and adjustments; recognition and interpretation of malfunctions; documented fault isolation procedures; techniques to employ when procedures fail to isolate the malfunctions; and disassemble, repair, and reassemble procedures. Operational training will prepare the graduate to operate the Radar in all modes and sub modes and to function as Radar Systems Controller (RSC) in CIC.

AEGIS SYP-1BD OPS/MT TRK 2 - MASL : P199026

The goal of this course is to provide the knowledge and skill required to operate and perform the organizational-level maintenance on the Radar System AN/SPY-1B(V)/D, and elements of the CG-59, DDG-51and DDG-173 Class Ships MK-7 GIS Weapon System.

This course covers the physical, functional, and interface description required to support all operational maintenance including the use of special tools and test equipment, scheduled preventive maintenance tasks; operational tests, alignments and adjustments; recognition and interpretation of malfunctions; documented fault isolation procedures; techniques to employ when procedures fail to isolate the malfunctions; and disassemble, repair, and reassemble procedures. Operational training will prepare the graduate to operate the Radar in all modes and sub modes and to function as Radar Systems Controller (RSC) in CIC.

AEGIS WEAPON SYSTEM MK7 OP/MT F100 - MASL : P199031

The goal of this course is to provide the knowledge and skill required to perform the operation and direct organizational level maintenance on the GIS weapon system, to provide supervision and guidance for element technicians, and to communicate weapon system status.

This course covers directing, coordinating and operating the GIS weapons system to include: SPY-1D, CND, WCS, ADS, FCS, VLS, SM2, ORTS, ACTS and GIS combat system (ACS) interfaces via local area networks (LANS) with other systems. The system level operation and maintenance of the GIS MK-7 weapon system, including system signal flow, computer programs, the use of special tools and test equipment; alignment procedures; operational tests, recognition and interpretations of system malfunctions. It includes practical application in corrective maintenance and fault isolation of the Combat System at the Combat System Officer of the Watch (CSOOW) level.

AEGIS WEAPON SYSTEM MK7 TK2 JMSDF - MASL : P179335

The goal of this course is to provide the knowledge and skill required to perform the operation and direct organizational level maintenance on the GIS Weapons System (DDG-173), to provide supervision and guidance for element level technicians, and to communicate weapon system status.

This course covers system level functional operation and maintenance of the GIS MK-7 Weapon System, including use of the Combat System Operational Sequencing System (CSOSS) for combat system initialization and casualty control. It includes system signal flow, fault detection and isolation, and computer programs. Hands-on training is provided for combat system operation, alignment procedures, use of built-in test equipment, and element fault detection and isolation.

AERIAL DELIVERY AND MATERIEL OFFICER - MASL : B148371

In this course students will learn leadership, supervision, and management skills required for inspecting, packing, rigging, recovering, storing, and maintaining air item equipment.

AEROMEDICAL - MASL : D175039

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student's country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

AERONAUTICAL ENGINEERING/GRADUATE - MASL : D178013

The Graduate Aeronautical Engineering program is a fully accredited program at AFIT leading to a Master of Science in Aeronautical Engineering. The program is designed for students from all branches of the U.S. military services as well as students from Allied foreign military services, Most students, Air Force and Navy quota students and Air Force Test Pilot (AFTPS) students, enter in September. Objectives include: Produce graduates who are technically well prepared for their subsequent duties and responsibilities as Aeronautical engineers in DOD organizations. Such positions may range from requiring very detailed and advanced level work in a specific discipline to broad responsibilities requiring interaction among many disciplines and technical organizations.

AEROSPACE CONTROL & WARNING SYSTEM - MASL : D137056

This course trains airmen to perform the duties of a Aerospace Control and Warning Systems apprentice.

New students should report to Bryan Hall (Bldg 6901), room 263 (2nd floor) by 0550 on the class start date. Class hours are from 0600-1500 each day.

AEROSPACE GROUND EQUIPMENT REPMN - MASL : D148020

This group-paced course provides training that enables airmen to perform duties prescribed in AFMAN 36-2108 for AFSC 2A632, Aerospace Ground Equipment (AGE) Apprentice, which includes how to maintain, troubleshoot, and repair AGE systems in an on-equipment environment in support of aircraft maintenance and operations. Training includes the inspection, maintenance, troubleshooting, and repair of systems and components of frequency converters, diesel and turbine engines, generators, hydraulic test stands, bomb lifts, heaters, flood lights, air conditioners, air compressors, self generating nitrogen servicing cart, and non-powered support equipment, how to use the Integrated Maintenance Data System (IMDS) and Department of Defense Environmental Protection Agency refrigerant certification.

AEROSPACE MEDICINE PRIMARY - MASL : D175002

This course trains medical officers to perform duties as flight surgeons and to accomplish the objectives of the USAF Aerospace Medicine Program. This course provides the student with the knowledge and skills required for the treatment and proper administrative disposition of aircrew members and for assuming the responsibilities of a general preventive medical member of the bioenvironmental engineering, occupational medicine, and military public health teams.

The training includes review of the clinical medical topics important in Aerospace medicine; i.e., otolaryngology, audiology, ophthalmology, internal medicine, neurology, psychiatry, etc., with emphasis on particular applications of these specialty areas in Aerospace medicine; instruction and experience in the physiology of altitude and acceleration; employment of survival/life support principles and equipment; instruction in aircraft accident investigation; the administrative requirements of Aeromedical services and in the application of physical standards to the patient population for which the flight surgeon is responsible. Orientation to flying in a current inventory trainer aircraft and training in the human centrifuge are also provided when equipment is available.

AEROSPACE MAINTENANCE APP (C-130) - MASL : D141401

Training begins with 3 weeks of fundamental maintenance requirements, to include career progression, technical orders, general safety, hand-tool and hardware usage, CAMS/IMDS usage, Aerospace ground equipment usage and general airframe/component identification. Blocks 4 and on, C-130 aircraft systems training, includes electrical, hydraulic, landing gear, fuel, engine, propeller, auxiliary power unit, gas turbine compressor, utility, and flight control. Inspections are taught to include preflight, basic post-flight, and thruflight. Ground handling procedures are included. AFSC 2A531B will be awarded after completion of this course and course J3ABP2A531B017A, Aerospace Maintenance Apprentice (C-130), at Little Rock AFB AR.

AG BASIC OFFICER LEADER - MASL : B121220

The goal of this course is to instruct Adjutant General Corps Lieutenants in the areas of combat survival, career management, and Adjutant General specialty training.

Training includes and FTX/CPX.

AH-1W SIMULATOR TRAINING - MASL : P119016

This MASL is used when AH-1W Simulator Training is programmed.

AH-64 FLIGHT SIMULATOR - MASL : B119910

This MASL is used when AH-64 Flight Simulator is programmed.

AH-64 LCT SIMULATOR - MASL : B119976

This MASL is used when AH-64 LCT SIMULATOR is programmed.

AH-64A ARMAMENT/ELECTRICAL SYSTEMS REPAIRER - MASL : B141079

This course provides the student with skills and knowledge required to maintain, repair and troubleshoot AH-64A electrical systems, components and weapons/fire control systems, maintenance concepts, preventive maintenance, equipment check out, troubleshooting, fault detection, fault isolation, and appropriate AVUM/AVIM corrective actions using appropriate technical publications shall be included.

This course will train students in use and preparation of select forms and records applicable to Army Aviation Maintenance to include ULLS-A. Application, operation, and maintenance of all applicable Peculiar Ground Support (PGSE), Common Ground Support Equipment.

AH-64A AVIATOR QUALIFICATION COURSE - MASL : B113214

This course will teach students skills an techniques in using pilot night vision sensor system, contact flying skills, gunnery, target acquisition and designation sight, and combat skills training.

AH-64A FLIGHT SIMULATOR (CMS) - MASL : B119959

This MASL is used when AH-64A Flight Simulator (CMS) is programmed.

AH-64A INSTRUCTOR PILOT QUALIFICATION COURSE - MASL : B113149

Course consists of flight and academic instruction to qualify rotary-wing aviators who have completed qualification training in the AH-64A in methods of instruction to teach and evaluate AH-64A contact flight, night vision systems, weapon systems, and the combat mission simulator.

AH-64D AQC (SUPPLEMENTAL) - MASL : B113212

This course will provide the AH-64A qualified student with the necessary skills and knowledge to achieve pilot qualification in the AH-64D Apache/Longbow. Training focus is on the differences between the AH-64A Apache and the AH-64D Apache/Longbow aircraft. Includes training in the mental and physical skills required for the accomplishment of pilot duties through instruction in aircraft systems, communication, navigation, fire control radar, flight training, mission planning, combat skills, gunnery, crew coordination, and safety.

AH-64D ARM/ELEC/AVN SYS RP - MASL : B142202

This course will provide the skills and knowledge required to maintain, repair, and troubleshoot the AH-64D (Longbow) Attack Helicopter armament, electrical, avionics, and fire control systems/components; Maintenance concepts, preventive maintenance, system operation, troubleshooting, fault detection, fault isolation, and appropriate AVUM/AVIM corrective actions using technical manuals. Identify and maintain Peculiar Ground Support Equipment (PGSE), Common Ground Support Equipment (CGSE), and Test Measurement and Diagnostic Equipment (TMDE) as they pertain to the AH-64D (Longbow) Attack Helicopter.

AH-64D ARMAMENT/ELEC/AVIONIC SYSTEMS REPAIRER - MASL : B141751

This course provides the student with skills and knowledge required to maintain, repair and troubleshoot AH-64D Longbow Attack Helicopter electrical, avionics, weapons, missile, and fire control systems; maintenance concepts, preventive maintenance, equipment check out, troubleshooting, fault detection, fault isolation, and appropriate AVUM/AVIM corrective actions using appropriate technical publications shall be included. Application, operation, and maintenance of all applicable Peculiar Ground Support Equipment (PGSE), Measurement and Diagnostic Equipment (TMDE).

AH-64D ATTACK HELICOPTER REPAIRER BNCOC - MASL : B141018

Technical training in the aircraft maintenance management field is oriented toward developing skills and knowledge of aircraft maintenance management principles and procedures. The student is provided with the training required to successfully perform the supervisory and technical inspector (TI) duties required of MOS 67R30Y1.

AH-64D ATTACK HELO RPR - MASL : B141765

Course trains the student in the use and preparation of selected forms and records applicable to Army Aviation Maintenance using the Unit Level Logistics System - (ULLS-A); to perform AVUM and AVIM tasks, to include component removal, inspection, and requisitioning of repair parts; To perform visual inspections to identify common, precision and special tools; To identify on the AH-64D Attack Helicopter; and to train the student in the facets of shop and flight line safety procedures.

AH-64D ATTACK HELO RPR TRAN - MASL : B142201

This course will provide the student with a hands-on working knowledge of the differences between the AH-64A and the AH-64D major assemblies, subassemblies, and line replaceable units. Fault detection, fault isolation, and applicable corrective actions and the use of peculiar ground support equipment will be included. The student will receive Environmental Protection Agency (EPA) certification training for the recovery and handling of refrigerants.

AH-64D AVIATION QUALIFICATION - ALL - MASL : B113210

This course imparts the knowledge for skill development in contact flight, fire control radar/target acquisition, gunnery, combat skills training, crew coordination, and safety.

AH-64D AVIATION SPECIFIC PREP (FMT) - MASL : B113167

This MASL is used when AH-64D AV SPEC PREP (FMT) is programmed.

AH-64D AVIATOR QUALIFICATION - EN - MASL : B113217

This course consists of flight and academic instruction to qualify rotary wing aviators who have completed qualification training in the AH-64D in methods of instruction to teach and evaluate AH-64D contact flight, night vision systems, weapon systems, and the Longbow Crew Trainer (LCT).

AH-64D INSTRUCTOR PILOT-ALL - MASL : B115031

Course consist of the flight and academic instruction necessary to qualify rotary wing aviators who have completed qualification training in the AH-64D methods of instruction to teach and evaluate contact flight, pilot night vision system (PNVS), fire control radar and target acquisition and designation system (TADS), gunnery, and combat skills, crew coordination, and safety training in the AH-64D aircraft.

AH-64D IP MOI - ALL - MASL : B115038

Course consists of flight and academic instruction to qualify rotary wing aviators who have completed qualification training in the AH-64D in methods of instruction to teach and evaluate AH-64D contact flight, night vision systems, weapons systems, and the Longbow Crew Trainer (LCT).

AH-64D MAINTENANCE TP - ALL - MASL : B141832

To provide information and training on AH-64D Longbow Apache maintenance troubleshooting and test flight procedures.

AH-64D MAINTENANCE TP - EN - MASL : B141850

To provide information and training on AH-64D Longbow Apache maintenance troubleshooting and test flight procedures.

AIC FLIGHT SUPPORT - MASL : P179401

This MASL is for AIC flight support.

PROGRAM THIS MASL FOR USE ONLY WITH P121006, P121023 AND P129126.

AIC PROFICIENCY MAINTENANCE - MASL : P121006

The goals of this course are 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 in-port 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)

SPECIAL PROGRAMMING NOTE (SEE NOTES)

PREREQUISITE: P129126 - AIC SUPERVISOR

IR INTERCEPT CONTROLLER PROFICIENCY MAINTENANCE

AIR COMMAND + STAFF COLLEGE - MASL : D171002

Air Command and Staff College (ACSC), the Air Forces intermediate professional military education (PME) school, prepares field grade officers of all services (primarily majors), international officers, and US civilians to assume positions of higher responsibility within the military and other governmental arenas. Geared toward teaching the skills necessary to conduct air and space operations in support of a joint campaign, ACSC focuses on shaping and molding tomorrow's leaders and commanders. The college's academic environment stimulates and encourages free expression of ideas as well as independent, analytical and creative thinking. The curriculum meets requirements and guidelines for Phase I of the Program for Joint Education (PJE).

Further details of the ACSC program course descriptions and other curriculum information may be found at http://wwwacsc.au.af.mil.

AIR DEFENSE ARTILLERY BASIC OFFICER LEADER - MASL : B121225

Effective 2006-02-09

Course Scope:

Presenting, developing, and refining basic skills needed by all Field Artillery Officers. Course consists of three blocks of instruction that all Lieutenants receive in Platoon Leader, Fire Support, and Fire Direction skills. Course has weapons system training on Light/Towed artillery systems.

AIR DEFENSE ARTILLERY BNCOC - MASL : B171802

This course is conducted in a 24 hour a day NCO Academy environment and includes training on leadership, tactics, communications, nuclear, biological and chemical, and training management.

AIR DEFENSE ARTILLERY CAPTAINS CAREER - MASL : B171603

Topics on Air and Missile Defense (AMD) Doctrine, Tactics, Techniques, and Procedures, staff functions, threat, combined arms/war fighter, leadership/training management, military history/communicative skills, research, battery command and threat presented in conference and small group instruction modes.

AIR FORCE TACTICAL RECEIVE SYSTEM (AFTRS) - MASL : B172623

The course provides an Integrated Broadcast Service (IBS) orientation and an Air Force Tactical Receive System (AFTRS) system overview. It provides hands-on practical experience to setup, configure, and operate the AFTRS hardware and software; creating and using data filtering strategies; establish and maintain connectivity with associated Tactical Data Processors (TDP) using both UHF SATCOM broadcast data and network centric broadcast data; and troubleshooting the AFTRS from antennas through the output cables to associated TDPs. Students are taught to ensure the data from the AFTRS is present at the TDPs by bringing up the specific comms trace and through display of data on the maps.

AIR INTERCEPT CONTROLLER - MASL : P121023

The goals of this course are to train selected senior enlisted personnel in the duties, responsibilities, and skills required of Combat Air Intercept Controllers, especially to: analyze and transmit to the interceptor aircrew the necessary tactical information required to perform their mission in both the combat and training environments in accordance with current fleet doctrine and directives; advise command during the planning stages of Air Defense anti-air warfare on the capabilities, limitations, and employment of current U.S. and threat aircraft and associated weapon systems in accordance with current tactical manuals and threat intelligence; and, inform command of mission progress and aircraft status on a continuing basis using standard Navy phraseology and appropriate brevity code words.

This course consists of classroom instruction reinforced by practical training in communication with aircrews; duties and responsibilities of Combat Air Intercept Controller; aircraft characteristics; sources of flight and tactical information; Air Defense anti-air warfare; airborne threats; friendly air-to-air weapons; intercept geometry; the air combat arena; equipment operations; emergencies and search and rescue operations; and, non-intercept air control.

PROGRAM WITH P179401 (SEPARATE COST FOR FLIGHT HOURS)

AIR TRAFFIC CONTROL CENTER CARRIER - MASL : P133028

The goals of this course are 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.

AIR TRAFFIC CENTER RADAR APP - MASL : D122100

The instructional design for this course is Group-paced. This course trains airmen to perform the duties prescribed in AFI 36-2108 for Air Traffic Control Operations Apprentice, AFSC 1C131. Training includes application of air traffic control principles and procedures for Radar Approach Control Operations. This is a follow-on course; Air Traffic Control Fundamentals must be taken first.

AIR TRAFFIC CONTROL AC A1 - MASL : P133025

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.

AIR TRAFFIC CONTROL - MASL : D122013

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the students country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

AIR TRAFFIC CONTROL OPEATOR - MASL : D122029

The instructional design for this course is Group-paced. This course is a prerequisite for attendance in the E3ABR1C131R-00RB, Air Traffic Control Radar Apprentice, and E3ABR1C131T-00TB, Air Traffic Control Tower Apprentice. Training includes aviation-related weather, air traffic control principles and procedures, control tower environment, control tower operational requirements, and radar approach control operational requirements.

Physical training requirements have been added for E3AQR1C231 students only.

AIR TRAFFIC CENTER TOWER APP - MASL : D122099

The instructional design for this course is Group-paced. This course trains airmen to perform the duties prescribed in AFI 36-2108 for Air Traffic Control Operations Apprentice, AFSC 1C131. Training includes application of air traffic control principles and procedures for Radar Approach Control Operations.

This is a follow-on course, Air Traffic Control Fundamentals must be taken first.

AIR TRANSPORTATION SPECIALIST - MASL : D153005

This course trains personnel in the techniques, functions, responsibilities, and duties pursuant to air cargo and air passenger handling. Instruction incorporates training on manual and automated cargo, mail, and passenger processing systems. Covers originating, in-transit, and terminating cargo and passenger processing operations; storage and warehousing of general cargo, mail, and hazardous material; aircraft loading and off loading procedures for cargo, passengers, and baggage; originating, in-transit, and terminating aircraft fleet services operations; scheduling of cargo and personnel for air movement, and principles of customer relations and communications are introduced.

This course includes preparation and maintenance of records for all cargo and passenger movement activities. Operator maintenance and inspection of 463L material-handling equipment (MHE), and passenger/baggage-handling equipment is introduced.

AIRBORNE - MASL : B121182

Ground week-Don and adjust the main and reserve parachutes, identify components inside a C130/C141/C17 aircraft and respond to actions inside the aircraft using the "mock door", exit the 34-foot tower, execute parachute landing falls, execute parachute landing falls off the lateral drift apparatus, perform methods of recovery. Tower week-Respond to jump commands (C130/C141/C17) and execute individual and mass exits using the mock door, demonstrate proficiency in fixed-wing aircraft exits from the 34-foot tower wearing combat equipment, demonstrate techniques for deploying the reserve/mirps, control the risers from the suspended harness, execute parachute landing falls correctly from the swing landing trainer, execute a drop from the 250-foot free tower.Jump week-correctly don and adjust the parachute, mirps and combat equipment, respond to jump commands inside an aircraft, control body position after jumping from an aircraft until parachute opening shock, control the parachute during descent, execute a parachute landing fall, controls the parachute upon landing while making five parachute jumps from an air force aircraft.

AIRBORNE SYSTEMS TEST AND EVALUATION (SHORT) - MASL : P118413

This is the capstone course for the Canadian Forces School of Aerospace Studies' Avionics Systems Course (ASC) and represents a consolidation of the knowledge of the various avionic systems used in military aircraft, systems integration and systems engineering in order for the ASC students to conduct Flight Test and Evaluation. The course provides the practical knowledge needed to plan and execute a flight test program to evaluate system performance. Developmental and operational test & evaluation domains are emphasized in the syllabus. Flight test processes, principles, methods, and practices are covered. The course material is presented in two parts through the use of lectures, case studies, visits, laboratories, and flight exercises.

The first part introduces the Canadian Forces (CF) air force test & evaluation organization, structure and process and discusses a variety of topics central to test & evaluation. The second part is provided by the USN Test Pilot School and focuses on test planning, specific test methodologies, flight test safety, data acquisition, actual flight system testing and presentation of results. This portion of the syllabus also includes a one systems test flight, one systems integration test flight, and one fixed-wing or helicopter flight evaluating NVG/FLIR systems as well.

Staff and CMs participating in the flight test phase require current aircrew medicals. Additional medical requirements may be necessary to meet US Navy Test Pilot School requirements, such as HAI and Sea Survival.

AIRBORNE SYSTEMS TEST AND EVALUATION NFO/WSO - MASL : P118407

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.

AIRCRAFT PNEUDRAULICS RPR (SP)-PCO - MASL : B141735

In this course students learn to remove, repair, replace, adjusts and tests pneudraulics systems, subsystems, assemblies, and components according to technical manuals, directives, and safety procedures. The student will also learn techniques for the fabrication of tubes and hoses, the diagnosis and troubleshooting of malfunctions in pneudraulics systems and subsystems or components.

The student will performs operator maintenance on common and special tools, learn to maintain and stores hydraulic fluids and other flammable materials. Other course areas include requisitions and maintenance of shop and bench stock for repair of aircraft pneudraulics systems, prepare forms and records, and using the Unit Level Logistics System-Aviation (ULLS-A).

AIRCRAFT ACCIDENT INVESTIGATION - MASL : P169227

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 ro-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.

AIRCRAFT ELECTRICIAN (SPAN) - MASL : B141784

Instruction in Spanish based on tasks that are specified for Skill Level I training; also covers subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in Electrical Repair and Troubleshooting.

AIRCRAFT ELECTRICIAN (SPAN) - MASL : B141775

Based on tasks that are specified for Skill Level I training; also covers subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in Electrical Repair and Troubleshooting.

Foreign Military Latin American and selected National Police Personnel. Information on this course can be obtained by calling Training Operations Division, USAALS at DSN 826-6474 ext 3359 or com 757-878-6474 ext 3359.

AIRCRAFT ELECTRICIAN REPAIRER SUPV BNCOC - MASL : B141818

This course teaches technical training in the field of aircraft maintenance; tasks, skills, and knowledge of aircraft maintenance management principles and procedures that will enable the student to successfully perform the supervisory and technical inspector duties of MOS 68F30.Technical training in the field of aircraft maintenance; tasks, skills, and knowledge of aircraft maintenance management principles and procedures that will enable the student to successfully perform the supervisory and technical inspector duties of MOS 68F30.

AIRCRAFT MAINTENANCE - MASL : D141020

This course offers Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student's country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

AIRCRAFT MAINTENANCE OFF - MASL : D141019

This course provides training for Air Force Officers (new accessions), Air Reserve Forces (AFR/ANG), and International Officers entering the Aircraft Maintenance Officer career field without regard to background, or prior skills, or training other than specified by AFI 36-2223.

Fulfills the requirement for award of AFSC 21A1.

Graduates perform duties as Aircraft Maintenance Officers in worldwide assignments.

AIRCRAFT PAINT/FINISH - MASL : P141013

The course content will include the following Units of Instruction:

1. Introduction to the course
2. Painting equipment, paints, Application Techniques, and Aircraft Markings

Students are required to have a current respirator physical/fit test completed prior to convening of classes. Work in a corrosion control billet.

Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.)

Students must show evidence of current paint physical in accordance with COMNAVAIRLANTINST 4750.5C/COMNAVAIRPACINST 4750.4.

Students must provide personal respirator with current Fitness Test Card.

Students 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.

AIRCRAFT PNEUDRAULICS REPAIRER SUPV BNCOC - MASL : B141025

This course provides technical training in the aircraft maintenance management field, skills and knowledge of aircraft maintenance management principles and procedures, training required to successfully performing the supervisory and technical inspector duties required of MOS 68H/15H30.

AIRCRAFT POWER PLANT REPAIRER - MASL : B141750

This course provides the aircraft power plant repairer, MOSC 68B10, with the skills and knowledge required to perform removal, replacement, servicing, cleaning, preservation, storage, disassembly, assembly, repair, adjustment, diagnostic testing and troubleshooting, or aircraft power plant systems, sub-systems and components.

This course also provides the knowledge required to prepare forms and records, to include ULLS-A, requisition bench stock, repair parts, and engine component; assist in rigging engine controls.

AIRCRAFT POWER PLANT REPAIRER SUPV BNCOC - MASL : B141090

In this course emphasis is placed on technical training in the field of aircraft maintenance. It is oriented toward the training of tasks, skills, and knowledge of aircraft maintenance management principles and procedures that will enable the student to successfully perform the supervisory and technical inspector duties of MOS 68/15B30.

AIRCRAFT POWER PLANT RPR-SP - MASL : B141781

Based on tasks that are specified for Skill Level 1 training; this course also covers subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in Power plant Repair.

AIRCRAFT POWER TRAIN REPAIRER - MASL : B141752

Based on tasks that are specified for Skill Level 1 training; this course also covers subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in power train repair and nondestructive inspection skills.

AIRCRAFT POWER TRAIN REPAIRER SUPERVISOR BNCOC - MASL : B141050

This course will provide the student with skills and knowledge required to maintain, repair and test power train components, maintenance concepts, preventive maintenance, fault detection, fault isolation and appropriate AVUM/AVIM corrective actions using appropriate technical publications shall be included. Course instruction will also be in areas of application, operation, and maintenance of all applicable Peculiar Ground Support Equipment (PGSE), Common Ground Support Equipment (CGSE), Test Measurement and Diagnostic Equipment (TMDE).

AIRCRAFT POWER TRAIN RPR (SPAN) - MASL : B141774

Based on tasks that are specified for skill level I training; this course also covered subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in power train repair and non-destructive testing skills.

Special Information:

Foreign Military Latin American and selected National Police Personnel: Course covers the systems for the OH-58A/C, UH-1H and UH-60. The OH-58 is similar to the Bell 206; UH-1H is similar to the Bell 204, 205 and to a lesser extent, the 212 and 214 series aircraft, this course will only be trained with military manuals. Information on this course can be obtained by calling Training Operations Division, USAALS at DSN 826-6474 ext 3359 or comm 757-878-6474 ext 3359.

AIRCRAFT STRUCTURAL REPAIR (SPAN) - MASL : B141776

This course provides instruction in Spanish based on tasks that are specified for Skill Level I training; also covers subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in structural metal.

AIRCRAFT STRUCTURAL REPAIRER SUPERVISOR BNCOC - MASL : B141843

This course provides technical training in the field of aircraft maintenance management principles and procedures. The student is provided with the training required to successfully perform the supervisory and technical inspector duties required of a 68/15G30 NCO.

AIRCRAFT STRUCTURAL REPAIR -SP - MASL : B141783

Based on tasks that are specified for Skill Level I training; also covers subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in structural metal.

AIRCRAFT STRUCTURE REPAIR - MASL : B141755

This course teaches techniques in maintenance, repair and fabrication of aircraft structural members, sheet metal, stress panels, fiberglass and helicopter rotor blades; identification, usage and maintenance of common, special and precision tools.

AIRCREW EGRESS SYSTEM REPAIR - MASL : D148016

This course provides formal training in aircrew egress systems career field fundamentals, introduction to maintenance management, introduction to egress systems maintenance, F-16 egress systems maintenance, ACES II seat maintenance, and F-15 egress systems maintenance/CAMS.

AIRCREW LIFE SUPPORT SPEC - MASL : D122018

This course provides training in protective helmets and breathing equipment, environmental protection, chemical defense equipment and operations, parachutes, preservers and rafts, survival components including vest and kits, and aviators night vision imaging systems.

AIRDROP LOAD INSPECTOR CERTIFICATION - MASL : B148369

The goals of this course are to qualify and provide airdrop load inspector certification for commissioned officers, warrant officers, and enlisted personnel whose duties require the performance of final joint inspections of airdrop loads to be airdropped from aircraft.

AIRFIELD MANAGEMENT APR - MASL : D121077

This course provides initial skills training for personnel entering the airfield management career field. Personnel are provided basic knowledge in airfield management, to include career progression, flight planning guidance, coordinating with base support agencies, Air Traffic Control structure, types of airfield inspections including airfield lighting and markings, determining the Runway Surface Condition (RSC) and Runway Condition Reading (RCR), flight safety, security, airfield response for wildlife, flight plan processing, disseminating Notice to Airman (NOTAM), emergency actions, interpreting flight information publications and deciphering weather reports. Material presented throughout the course, combined with interaction amongst yourselves, our airfield management staff, and guest speakers will help broaden your perspective on what airfield management at the three skill level (basic level) is about. We are confident that you will find the course rewarding.

Completion of this course is required for the award of the 3-Skill Level

AIRFIELD OPERATIONS OFFICER - MASL : D122011

For air traffic control, training includes procedures and skills involved in the operation of air traffic control facilities, aircraft recognition and performance, air navigation aids, weather, air traffic rules, communication procedures and operations, and terminal approach control procedures and operations.

For airfield operations, training includes Terminal Instrument Procedures (TERPS) and associated development, evaluation and management of a TERPS program. Additionally, training includes airfield management to include airfield construction procedures, airport planning and design, pavement evaluations, airfield inspections, safety programs, and Base Operations.

AIRLIFT ELECTRO-ENVIRONMENTAL - MASL : D141239

This course provides training in the knowledge and skills needed to perform maintenance on aircraft electrical and environmental systems. The course includes training on: aircraft familiarization, maintenance and inspection systems, corrosion control, DC Principles, AC Electronics, and maintenance basics.

It also includes lessons on the AF Technical order system, flight line safety, aircraft forms, maintenance data collection, troubleshooting techniques, and wiring schematics/diagrams. The course includes instruction on power generation, landing gear and warning systems, lighting, flight controls and cargo door systems, environmental systems and utility/oxygen systems.

AIRPLANE FLYING QUALITIES - MASL : P118401

Course is designed for Engineers and scientists involved in the test and evaluation of flight control systems. It 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.

Please contact the USNTPS Short Course Staff at 301-757-5044 or 301-757-5020 or the USNTPS website at WWW.usntps.navy.mil. for further information.

AM A1 CORE - MASL : P141618

This course 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.

AM GENERAL SOUTH BEND IN - MASL : B178071

This MASL is used when Contractor Training for AM GENERAL SOUTH BEND IN is programmed.

AM O LEVEL STANDARD - MASL : P141619

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.

This course covers indoctrination and introduction, technical publications, source documents, corrosion control procedures, line maintenance and basic hydraulic fundamentals.

AMEDD OFFICER ADVANCED - MASL : B171207

This course is designed to enhance an officer's military frame of reference and to provide training in military medical service support operations with an overall working knowledge regarding the duties and responsibilities of AMEDD officers during periods of peace and hostilities.

The intent is preparation for command and staff positions of greater responsibility.

AMMUNITION DEMILITARIZATION - MASL : B142935

This course provides training for ammunition personnel in the various methods, procedures and techniques of performing ammunition demilitarization. Emphasis is placed on procedures required for open burning and detonation.

Students are introduced to the emerging technologies for resource recovery and recycling. This course includes a live explosives exercise in which each student will conduct set up and detonation using both electric and non-electric methods on the demolition range.

Training is also provided on the changing impact of environmental requirements and decontamination methods.

AMMUNITION SPECIALIST - MASL : B152288

In this course students will learn to perform ammunition issue, receipt, storage, handling, re-warehousing, transportation, and inventory operations. Operations include: operation and maintenance of rough terrain forklift, and clean burning diesel; operation and maintenance of the palletized load system; ammunition safe handling procedures; care and preservation of ammunition; the operation and maintenance of manual and automated stock control and accounting records; the processing of manual and automated transaction and the creation and transmission of reports to higher headquarters; the establishment and maintenance of SAAS-Modernization/SAAS-ASP to SAAS-MMC communication links; the operation and maintenance of the associated Automated Data Processing Equipment (ADPE), bar-coding equipment, perform individual Warrior Tasks and Collective Warrior Battle Drills and an FTX.

AMMUNITION SPECIALIST BNCOC - MASL : B152297

This course provides training in ammunition compatibility and quantity distance standards, munitions storage, re-warehousing, segregation operations, and safe handling procedures needed to effectively manage munitions operations; provide skills and knowledge of the procedures necessary to conduct inspection of munitions, small missiles, and use/maintain munitions gages, Standard Army Ammunition System (SAAS-ASP, SAAS-DAO procedures, SAAS-MMC procedures), FBCB2 and an FTX.

AMMUNITION STORAGE - MASL : B142938

This course provides basic information and training in the use and application of governing regulations and procedures for safety and security of ammunition and explosives in storage. The training includes principles in ammunition storage, Explosive Safety Standards (ESS), types of storage facilities and safety requirements for ammunition storage operations. Also included is the study of the appropriate regulations, publications and ammunition storage drawings.

AMMUNITION TECHNICIAN WO BASIC - MASL : B152292

This course provides basic information and training in the use and application of Conventional ammunition, storage operations, Standard Army Ammunition System (SAAS) level one, three, four, and Division Ammunition Office (DAO)operations, Logistics Applications of Automated Marking and Reading Symbols (LOGMARS), and Training Ammunition Management System (TAMIS).

AMPHIBIOUS AIR TRAFFIC CONTROL CENTER OPERATIONS - MASL : P133027

This course 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.

AMPHIBIOUS AIRSPACE OPERATIONS COORDINATION - MASL : P124054

This course provides officers and staff noncommissioned officers/senior petty officers (E-5 to 0-5) training in the organization employment considerations and functioning of airspace control systems used in expeditionary/amphibious operations. Emphasis is placed on the systems established to support the Expeditionary Strike Group (ESG) and Marine Air Ground Task Forces (MAGTFs).

This course provides instruction in the concepts for joint force use of airspace, organization of airspace control agencies of the separate DOD services, command and control responsibilities of JFACC/ACA/AADC, typical procedural control measures used during amphibious operations and an introduction to amphibious airspace planning.

The primary student population is personnel assigned to billets in the Navy Tactical Air Control System (NTACS-TACC, HDC) and Marine Air Command and Control System (MACCS) organizations and personnel who conduct fire support coordination or airspace management functions within expeditionary/amphibious forces.

AMPHIBIOUS INTERNATIONAL SENIOR OFFICER PLANNING - MASL : P171007

This course provides senior international officers with an understanding of joint Navy/Marine Expeditionary Warfare Force concepts and procedures required for planning an expeditionary warfare operation. The course includes introductory instruction in both naval and landing force expeditionary warfare organizations, doctrine, equipment, communications, employment of supporting arms and logistical support of an expeditionary warfare operation.

Follow-on instruction is then provided in joint naval/landing force expeditionary warfare planning concepts and procedures, and culminates with students developing an expeditionary plan in support of a major expeditionary warfare operation. Students also research, write and present a paper on a major amphibious operation. Prerequisites: Officers in the rank of Commander (O5) through Rear Admiral (08), or equivalent, in the naval forces (selective waivers may be granted to limited numbers of Lieutenant Commanders/equivalent officers, and Lieutenant Colonel through Major General in the ground and air forces of those countries on the invitation list.)

NOTE: COURSE CONVENES ANNUALLY IN 2ND FISCAL QUARTER.

MINIMUM OF 8 STUDENTS REQUIRED TO CONDUCT THE CLASS.

A course in amphibious warfare planning which combines lectures, seminars, demonstrations, practical application, tours and extensive informational program.

AMPHIBIOUS WARFARE INDOCTRINATION - MASL : P124503

To provide a comprehensive indoctrination in amphibious operations, to include planning, ship-to-shore movement, supporting arms, tactical air, and landing force organization and functions in order to prepare officers and selected U.S. Armed Forces enlisted personnel E-5 through E-9 to carry out shipboard and staff assignments adequately and with comprehension of purpose.

This course is a comprehensive indoctrination in Amphibious Warfare. It is designed to prepare Officers and Senior Enlisted personnel (E-5 to E-9) who have been recently assigned, or are pending assignment to amphibious ships or staffs. It is also

suitable for officers of other United States Forces and allied nations. Type of instruction is classroom lecture with a comprehensive final written examination.

This course is open to all rates.

MTT associated with this course is MASL P309196.

AMPHIBIOUS WARFARE INDOCTRINATION - MASL : P124250

AMPHIBIOUS WARFARE INDOCTRINATION To provide a comprehensive indoctrination in amphibious operations, techniques, planning, ship-to-shore movement, supporting arms, tactical air, and landing force organization and functions in order to prepare officers and selected U.S. and allied Armed Forces enlisted personnel E-5 through E-9 to carry out shipboard and staff assignments adequately and with comprehension of purpose.

This course is a prerequisite for p124265, "naval gunfire liaison OFF", K-2G-0040.

AMPHIBIOUS - EOD - MASL : P193137

The goal of this course is to train selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

AN/ARC-182 (V) COMMUNICATION EQUIPMENT - MASL : P141054

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.

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.

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.

AN/ARN-118 TAC INT MAINT - MASL : P141573

Upon completion of this course, Aviation Electronics Technicians will have acquired sufficient skills and knowledge of the AN/ARN-118(V) TACAN System theory of operation, characteristics and troubleshooting procedures to perform, with close supervision, intermediate level maintenance on this system in the AMID/MALS working environment. Scope:

This course content includes the following Units of Instruction:

1. Introduction to the AN/ARN-118(V) TACAN System
2. Detailed Operation of the AN/ARN-118(V) TACAN System
3. Troubleshooting and Adjustment of the AN/ARN-118 (V) TACAN System.

Graduate of AVA (Class A1) or equivalent

AN/SLQ-32A(V)2 MAINTENANCE - MASL : P139069

The goal of this course is to provide foreign national students with the knowledge and skills required to perform preventive and corrective maintenance, with supervision, on AN/SLQ-32A(V)2 Electronic Warfare System.

This course consists of classroom lectures and laboratory exercises in system operation, determination of degradation and remaining system capabilities when malfunctions occur, the use and interpretation of system diagnostic tests, operation of special purpose test equipment and tools, theory of system operation to the block diagram level and performance of preventive and corrective maintenance actions.

AN/SPS-48E OP & MT - MASL : P137147

The goal of this course is to provide FC (A) School graduates or other Electronic Type (A) School graduates with equivalent digital fundamentals, with the necessary training to effectively perform AN/SPS-48E radar system corrective maintenance. Performance of these actions may require the assistance of personnel trained and experienced in the maintenance of the radar. Training encompasses maintenance on any installed system, ashore or afloat, under non-emergency conditions.

Covers the basic operation, testing and maintenance of the AN/SPS-48E radar system, including proper utilization of controls, indicators, and test equipment; casualty analysis; fault isolation; component replacement; alignment and adjustment procedures for RF, IF, amplifier circuits, transmitter, receiver and associated AN/SYS-2(V) and AN/USQ 93 equipment.

AN/SPS-49A 5,7,8 & MT TECH - MASL : P137162

This course is 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.

Graduate of Electronic Technician Class (A) School or other maintenance personnel with equivalent qualifications.

AN/SPS-55 RADAR SET MT - MASL : P137044

The goal of this course is to provide maintenance and repair training for the AN/SPS-55 Radar Set.

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.

Graduate of Electronic Technician Class A School or other maintenance personnel with equivalent qualifications.

AN/SPY-1D RADAR SYSTEMS OPERATION AND MAINTENANCE (KS) - MASL : P179363

Through classroom presentation with simulations and tactical equipment use where appropriate this course provides the student a detailed knowledge of the functional theory, operation, and maintenance of the AN/SPY-1D (V) Radar. The course covers a detailed description of the Advanced Signal Processor (ASP), Transmitter, Antenna, and associated Auxiliary equipment. Emphasis is placed on Fault Detection/Fault Isolation (FD/FI) procedures, utilizing the Integrated Sub-Element Testing System (ISETS)/Radar Interactive Built-In Testing (RIBIT) and ORTS, Discussions of radar system-level functions, interfaces, radar console operation, and computer program functional analysis are also provided.

Max Number of Students: 24

Prerequisites: General knowledge in electronics.

Normal color vision.

Invitational Travel Orders required.

Successful completion of the UNIX for SOLARIS/LAN Overview Course.

AN/SPY-1D(V) OPERATION AND MAINTENANCE (KS) - MASL : P179520

To provide the knowledge and skill required to perform the operation and direct organizational level maintenance on the AN/SPY-1D RADAR System, to provide supervision and guidance for element technicians and to communicate weapon system status.

This course covers the organizational level operation and preventive and corrective maintenance of the AN/SPY-1D (V) RADAR System signal flow; the use of special tools and test equipment; alignment procedures; operational tests, recognition and interpretations of system malfunctions; and operation of system consoles in support of the ship s combat system in a tactical environment and during test and evaluation.

Classroom lessons and hands-on training provided on available and applicable equipment to the AWS. Simulations used as appropriate with differences explained. Actual equipment used will include Computers, Signal processor, DTS, Q-70 equipment and transmitter.

General knowledge in electronics.

Security Clearance of Secret.

Normal color vision.

Invitational Travel Orders required.

ECL Score of 70%

Maximum Class Size: 12 Students

AN/SWG-1A(Deact-SeeTCC) - MASL : P134280

This course provides designated maintenance personnel with an understanding of principals of operation, knowledge and skills necessary to perform shipboard maintenance of the HARPOON Weapon System, AN/SWG-1A, Surface Application.

Training includes practical application in identification of the interrelationship and function of system components, casualty analysis, and troubleshooting. The course also covers performance of tests and adjustments in accordance with procedures and standards contained in applicable publications and maintenance requirement cards.

ANG ADV ALFT TACTICS 22FH - MASL : D116128

In this course the Air National Guard provides advanced tactics training for MR C-130 crews in combat/hostile environment mission planning and flying. Training includes low-level navigation training, threat analyses, heavy equipment and CDS airdrops, assault landings, aircraft maneuvering, and low altitude awareness training. Flying hours: 22.

ANG INT'L BASIC COURSE (BVR) - MASL : D111121

In this course the Air National Guard will produce qualified F-16C pilots with basic proficiency in Air to Air an Air to Surface mission tasks.

ANG INTL BASIC COURSE BVR/BA - MASL : D111128

In this course the Air National Guard will produce qualified F-16C pilots with basic proficiency in Air to Air and Air to Surface mission tasks.

ANG INTL BASIC COURSE -ADVANCED (POLAND)(F-16C/D) - MASL : D111154

In this course the Air National Guard will produce qualified F-16C pilots with basic proficiency in air-to-air and air-to-surface mission tasks.

Upon graduation students will be qualified in the F-16 to include transition, emergency, and instrument tasks. Students will be proficient in:

- Air refueling
- All Aspect Missile Defense (AAMD) and intercept
- engagement, or defense against one adversary when flying single ship, or two adversaries when flying as a wingman
- Low and medium altitude day VFR attacks on preplanned targets and delivery of ordnance using visual deliveries
- Medium altitude Paveway II deliveries
- Buddy-Lase Procedures

Graduates will have limited proficiency in night air refueling, Air Combat Tactics (ACT), night intercepts, Close Air Support (CAS), basic night operations, and night radar trail formation procedures. They will be familiar with medium-altitude Paveway III deliveries, and Inertially Aided Munitions (IAM's), mission planning and deliveries. Upon completion graduates will be qualified LOWAT Category I (500 feet AGL).

To attend students bust be:

- A graduate of an approved military pilot training course. 162 FW/CC is the approval authority for non-USAF undergraduate pilot training.
- Graduate of USAF Courses: T-38C Qualification Track 1 Poland (F-V5A-Q Track 1) and Introduction to Fighter Fundamentals T-38 (B/F-V5A-K)
- English Comprehension Level (ECL) of 85. Oral Proficiency Interview (OPI) score of 2/2. Specialized English Terminology (SET) training required.
- Physiological training is complete and valid through the end of the course.
- F-16 profile centrifuge training completed before the class starting date. Completed Basic and water survival (desired, not required).
- Appropriate security clearance.
- USAF validated flight physical examination.

Pilots not meeting entry requirements will require a waiver to enter this course. NGB/A3 is the waiver authority.

ANG INTL TRNST COURSE (BVR) - MASL : D111098

In this course the Air National Guard will produce qualified F-16C pilots with basic proficiency in Air-to-Air and Air-to-Surface mission tasks.

ANG QUALIFICATION COURSE - MASL : D111122

In this course the Air National Guard will produce qualified F-16C pilots with basic proficiency in Air-to-Air (except DACT) and Air-to-Surface mission tasks.

ANIMAL CARE SPECIALIST - MASL : B175253

The goals of this course are to provide training for enlisted veterinary personnel to assist in the care, management and treatment of animals in veterinary service teams, veterinary treatment facilities, and/or research facilities. Subjects include administration, basic sciences and diagnostic laboratory procedures, anatomy, physiology, radiology, pharmacology, veterinary pathology and disease, laboratory animals, anesthesiology, surgical procedures, and the handling, care and management of animals.

Participation in a minimum of 72-120 hour, scenario-driven, tactical Situational Training Exercise to demonstrate MOS and Common Task reinforcement and evaluation.

AOC IQT AIR SPACE COURSE - MASL : D121102

This course trains personnel assigned to a Falconer AOC weapon system (AN/VSQ-163) or augmenting manpower forces unit how to perform airspace manager duties in a Joint Air Operations Center (JAOC). Personnel receive education and training on joint and Service doctrine; JAOC organization and processes; basic airspace control doctrine, procedures, planning and coordination; and Theater Battle Management Core Systems (TBMCS) applications and other associated AOC command and control (C2) systems tools. Training consists of academic lectures, seminars, computer application labs, practical exercises, performance evaluations and a comprehensive end-of-course exercise simulating a JAOC environment.

AOC IQT DEFENSIVE COURSE - MASL : D121098

This course trains personnel, O5 and below, assigned to an AN/USQ-163 AOC weapon system or augmenting manpower forces unit how to perform defensive combat plans/operations duties in a Joint Air Operations Center (JAOC). Personnel receive education and training on joint and Service doctrine; JAOC organization and processes; air tasking order air defense planning, coordination and execution; and Theater Battle Management Core Systems (TBMCS) applications and other associated AOC command and control (C2) systems tools. Training consists of academic lectures, seminars, computer application labs, practical exercises performance evaluations and a comprehensive end-of-course exercise simulating a JAOC environment.

AOC IQT ISR OFFICER COURSE - MASL : D121099

This course trains personnel, O5 and below, assigned to an AN/USQ-163 AOC weapon system or augmenting manpower forces unit how to perform ISR duties in a Joint Air Operations Center (JAOC). Personnel receive education and training on joint and Service doctrine; JAOC organization and processes; predictive battle space awareness; ISR division integration, coordination and execution; and Theater Battle Management Core Systems (TBMCS) ISR applications and other associated AOC command and control (C2) systems tools. Training consists of academic lectures, seminars, computer application labs, practical exercises performance evaluations and a comprehensive end-of-course exercise simulating a JAOC environment.

AOC IQT, INTERFACE CONTROL OFFICER - MASL : D121110

This course trains personnel, O5 and below, assigned to an AN/USQ-163 AOC weapon system or manpower forces unit how to perform Interface Control Officer (ICO) duties in a Joint Air Operations Center (JAOC). Personnel receive education and training on fundamental JAOC organization, air tasking order processes and Theater Battle Management Core Systems (TBMCS) and other associated AOC command and control (C2) systems. Personnel receive specific education and training on multi-service Tactical Data Link (TDL) systems and capabilities, and how to design joint multi-TDL architecture. Students will then design a limited Operational Tasking Data Links (OPTASKLINK). Training consists of academic lectures, computer application labs, practical exercises performance evaluations and a comprehensive end-of-course exercise simulating a JAOC environment.

AOC IQT, INTERFACE CONTROL TECH - MASL : D121111

This course trains personnel assigned to an AN/USQ-163 AOC weapon system or manpower forces unit how to perform ICT duties in a Joint Air Operations Center (JAOC). Personnel receive education and training on fundamental JAOC organization, air tasking order processes and Theater Battle Management Core Systems (TBMCS) and other associated AOC command and control (C2) systems. Personnel receive specific education and training on JAOC interface control organization, duties and responsibilities; and Tactical Data Link (TDL) theory, equipment and processes for planning joint multi-TDL architecture, and

building a Operational Tasking Data Links (OPTASKLINK). Training consists of academic lectures, computer application labs, practical exercises and a comprehensive end-of-course exercise simulating a JAOC environment.

AOC IQT, ISR TECH COURSE - MASL : D121105

This course trains personnel assigned to an AN/USQ-163 AOC weapon system or manpower forces unit how to perform ISR technician duties in a Joint Air Operations Center (JAOC). Personnel receive education and training on fundamental JAOC organization, air tasking order processes and Theater Battle Management Core Systems (TBMCS) and other associated AOC command and control (C2) systems. Personnel receive specific training on Unix and PC-based TBMCS ISR applications and other AOC ISR C2 tools. Training consists of academic lectures, computer application labs, practical exercises and a comprehensive end-of-course exercise simulating a JAOC environment.

AOC IQT, STRATEGIC OPERATIONS COURSE - MASL : D121107

This course trains personnel, O5 and below, assigned to an AN/USQ-163 AOC weapon system or augmenting manpower forces unit how to perform Strategy Division duties in a Joint Air Operations Center (JAOC). Personnel receive education and training on how to plan, coordinate and assess air operations at the operational level of war. Personnel learn strategy development; air battle planning; operational assessment; and related software applications. Training consists of academics, practical exercises, performance evaluations, seminars, and computer labs.

AOC-FAM - UAE SPECIFIC - MASL : D302046

This course training teams are composed of DOD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a countries capability. It should be requested only after full consideration has been given to in-country capability and other DOD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

AOC-FAM COURSE DESIGN - MASL : D302047

In this course training teams are composed of DOD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a countries capability. It should be requested only after full consideration has been given to in-country capability and other DOD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

APN194V RADAR ALTIMETER INTERMEDIATE MAINTENANCE - MASL : P141576

Upon completion of this course, Aviation Electronics Technicians will have sufficient knowledge/skills, including operational testing, troubleshooting, and repair procedures, to perform, under supervision, intermediate maintenance on the AN/APN-194(V) Electronic Altimeter Set, in the Intermediate Maintenance Level working environment.

AT Course (Avionics Technicians Course)

APPLIED MAINTENANCE MGT CONCEPTS - MASL : D178119

This course provides maintenance managers and supervisors with an array of executive skills which can be applied to the management functions that support operational units. The course exposes practitioners to the latest policies and initiatives, and challenges them to apply both theory and techniques to current management problem scenarios which confront base-level maintenance managers. Application of current concepts in management science is emphasized through seminars, informal lectures, guided discussions, case studies, exercises, and group projects. Current topics examine production excellence, group decision-making dynamics, theory of constraints, capacity requirements planning, general scheduling theory, the logistics environment, and repair cycle processes. The applications of statistical concepts, statistical process control, and reliability and maintainability measures are illustrated through practical exercises.

APX-72/APX-100 IFF TRANSPONDER INTERMEDIATE MAINTENANCE - MASL : P141150

Upon completion of this course, the Aviation Electronics Technician will have acquired sufficient skills and knowledge of the AN/APX-72 and AN/APX-100(V) IFF Transponder System theory of operation, operating characteristics, and troubleshooting procedures to perform, with close supervision, intermediate level maintenance on these systems, in the AIMD/MALS environment.

The course content will include the following Units of Instruction:

1. Introduction to the Identification Friend of Foe (IFF) System
2. AN/APX-72 Transponder System Operation
3. AN/APX-72 Intermediate Maintenance Procedures
4. AN/APX-100 (V) Transponder System Analysis
5. AN/APX-100 (V) Intermediate Maintenance Procedures

Graduate of AV (Class A1) school.

Security clearance may vary by location based upon area/building in which taught.

See annual schedule of courses for a particular location.

AIRCRAFT STRUCTURE MAINTENANCE APPR - MASL : D141339

This courser provides training in career field structure, shop mathematics, maintenance management, maintenance and inspection, use of drawings, technical orders, and Air Force Publications; metal characteristics, equipment construction features, corrosion control program, hand tools, shop and flight line safety, paint removal from metal, metal identification, characteristics of composites, corrosion principles, corrosion inspection, mechanical and chemical corrosion removal and chemical surface treatment, composition of coatings, care and use of coating equipment, mechanical paint removal from advanced composites, fiberglass surface preparation, Aerospace equipment marking, and application of coating systems and markings.

Students will gain skills in:

- Repair replacement and modification of aluminum aircraft and missile airframe structures, corrosion resistant steel, titanium, and fiberglass
- Development of layouts for repairs and fabrications; identification and selection of fasteners and nonmetallic repair materials; replacement and modification of parts; fabrication of cable assemblies and tubing assemblies
- Operation of dimpling equipment, squaring shears, sheet metal brakes and rollers, grinders, drill presses, contour cutting saws, stretching and shrinking machine, turret punches, micro shaver, arbor presses, sanders, lever shears, pneumatic drills, rivet guns, pull guns, tube cutting and flaring equipment, routers, and vacuum pumps

ARMAMENT SYSTEMS MAINTENANCE (WOBC) - MASL : B142303

In this course the Armament Repair Technician will be instructed in warrant officer professional development subjects, common technical subjects, ordnance common subjects, and technical subjects to include small arms, towed artillery, turret and self-propelled artillery, and fire control systems.

ARMOR BASIC OFFICER LEADER - MASL : B121230

This course covers risk Management; 9mm Pistol Qualification; history of cavalry and armor, safety in training; M42A1 protective mask; combat stress; risk management; mounted land navigation and plugger training; tank familiarization, and the Army writing program.

- Armor Crewman Skills: Preventive maintenance checks and services and pre-gunnery skills on the M1A1 tank (turret - armament, controls and equipment; tank machine guns; prepare to fire checks; bore sighting, and conduct of fire trainer (COFT)); Tank Crew Gunnery Skills Test (TCGST); property accountability; platoon maintenance operations; maintenance management; tank specific nuclear, biological, and chemical defense, and SINCGARS.
- Tank Gunnery: COFT sustainment and simulated Tank Tale VII; tank weapons gunnery simulation system (TWGSS) and fire control maintenance precede the tank crew proficiency course (TCPC) and live fire exercise where the officer conducts selected engagements from tank tables VI, VII, and VIII (FM 17-12-1) from the gunner and tank commander position; tank range operations; stability and support operations (SASO); media relations; unit cohesion; FBCB2 awareness training, and adjust indirect fire.
- Tank Platoon Offensive Operations: Command and control; intelligence preparation of the battlefield (IPB); threat organizations and defensive tactics; fundamentals of platoon offensive operations; the relationship of troop leading procedures at the platoon level and the production of a platoon offensive operations order; movement techniques and formations; assembly area operations; tactical road marches; quartering party activities; battle drills; actions on contact; platoon tactical tasks; direct fire planning and platoon fire distribution and control; breaching operations; combat support (engineers and field artillery); Combat Service Support assets which support offensive operations; Close Combat Tactical Trainer (CCTT) used to reinforce planning, preparation, and execution phase.

- Tank Platoon Defensive Operations: threat offensive tactics and fundamentals of platoon defensive operations; the relationship of troop leading procedures at the platoon level and the production of a platoon defensive operations order; engagement area development; occupation of battle positions; platoon defensive missions; combat support and combat service support capabilities in the defensive, and use of the CCTT to reinforce the planning, preparation, and execution phase.
- Company/Team Operations: fundamentals of company/team operations; BOS capabilities; company/team tactical operations; combat service support; fratricide and battle command identification system (BCIS); CCTT used to reinforce planning, preparation, and execution of four days of company/team tactical operations conducted in a shared mode with students attending the Armor Captains Career course (AC3). AC3 students function as company commander and executive officer. Tactics instruction concludes with an Armor Terrain board and written tactics exam, and MOUT with Armor.
- Field Training Exercise: force-on-force, free-play, offensive and defensive exercise with Opposing Forces; evaluates the officers ability to conduct Troop leading procedures (plan, prepare, and execute) while leading a tank platoon in a company level exercise. Pre- and Post-deployment operations are conducted to reinforce the use of operational security, pre-combat inspections, troop leading procedures, unit maintenance, and environmental laws and regulations. Students conduct four days of shared training with officers attending the AC3 and 19K ANCOC. The captain's functions as company commander/executive officer while ANCOC students gain experience as tank platoon sergeants.

ARMY ACQUISITION QUALIFICATION - MASL : B151808

This graduate-level course is designed to provide a broad spectrum of knowledge pertaining to the materiel acquisition process. It covers legal and regulatory policies and objectives that shape the acquisition process and the implementation of these policies and objectives by the U.S. Army. Areas of coverage include: program management, contracting, acquisition logistics, information technology, test and evaluation, and requirements generation. Purpose: To train officers and civilians in the Army Acquisition Workforce. Successful completion of this course will prepare officers and civilians for entry-level positions in the Army Acquisition Workforce (AAW). Further, this course emphasizes Army-unique system acquisition procedures and organizations throughout its curriculum.

ARMY MAINTENANCE MANAGEMENT - MASL : B151778

This course provides detailed instruction, covering maintenance policies and programs from the development of the Item's Management Concept to the demilitarization requirement necessary to remove the item from the logistics system.

This course utilizes the Life Cycle Management Model service as a frame of reference.

ARMY RECRUITER - MASL : B162000

The curriculum is divided into seven segments; Analysis, Mission Planning, Prospecting, Sales, Accession/Ship, Technology and ARC Support. These are the training modules assigned to this course. The largest segment is devoted to the study of sales techniques and communication skills designed to equip the Army Recruiter with the skills, knowledge and techniques necessary to enlist qualified men and women into the US Army. The course uses conceptual, analytical, and procedural applications in all aspects of training.

ARMY WAR COLLEGE FELLOW - MASL : B171800

In this course students study the role of land power, as part of a unified, joint or combined force, in support of the U.S. national military strategy.

This course prepares selected military officers and civilians for leadership responsibilities in a strategic security environment during wartime and peacetime. Curriculum focuses on national security and strategy issues, concepts and processes; military strategy, plans and operations; theater level warfare and campaign planning; and command, leadership and management.

ARNG PRE-RANGER COURSE - MASL : B121179

The purpose of the Pre-Ranger Course (PRC) is to prepare soldiers to assess, prepare and train soldiers to succeed at the us army ranger school. Soldiers must graduate the ARNG PRC immediately prior to attending the ranger school. PRC accomplishes this by:

- Assessing the soldier's physical and mental capabilities during a six day evaluation phase. This mirrors the assessment phase at ranger school.

- Training the soldiers on troop leading procedures, combat orders and reconnaissance/combat patrols to the same standards conducted at the school in order to better prepare them for the challenges they will be undergoing..
- Verify that medical, dental, and administrative paperwork is complete for ranger school attendance..
- Conducting physical fitness training daily. Minimum standards are 49 correct pushups, 59 sit-ups, six chin-ups (palms facing in), two - mile run in less than 15:12 minutes, and the five - mile run in 40 minutes or less.

Soldiers may be released from PRC for the following reasons:

a) Reporting without current dental records, health records (including a current medical examination with lab slips), and battalion commanders proficiency statement.
b) Failure to pass the initial APFT or CWST.
c) Lack of motivation.
d) Medical release.
e) Failure to pass 50% of patrols or leadership positions.
f) Failure of any assessment phase critical task.
g) Special observation report.

ASP I-HAWK UNIT TRAINING - MASL : B199940

This MASL is used when requesting ASP I-HAWK UNIT TRAINING

ASP PATRIOT UNIT TRAINING - MASL : B199945

This MASL is used when ASP PATRIOT unit training is programmed.

ASSAULT AMPHIBIAN CREWMAN - MASL : P144002

The course focuses on preventive maintenance checks and services, operation of the vehicle system and controls to include land and water driving and usage of the technical manual. A basic understanding of mechanized tactics and maneuvering are introduced with practical application in multiple field exercises.

The course is divided and delivered in five phases. They are:

- Data and Description
- Communication
- Operating systems and controls
- Tactical land and water
- Weapons

ASSAULT AMPHIBIAN VEHICLE OFFICER - MASL : P144802

The course focuses on an introduction to Assault Amphibian training on employment of the AAV platoon in support of a Marine Expeditionary Unit during amphibious operations to include tactical planning and conduct of the ship-to-shore movement and operations ashore, unit communications, weapons employment, first echelon maintenance and vehicle logistical support of deployed units, maintenance management and threat tactics.

ASSAULT AMPHIBIAN REPAIRMAN BAS - MASL : P144803

This course is designed to present entry level instruction in maintenance skills required to repair Assault Amphibian Vehicles at the organizational level. Emphasis is on vehicle operation, maintenance for electrical, hydraulic, fuel and suspension systems, power plant and weapon station maintenance, vehicle inspections and use of the AAVR7A1.

ASTRONAUTICAL ENGRG (GRAD) - MASL : D178166

The Graduate Astronautical Engineering program is designed to provide astronautical engineering specialists for the Air Force. This program provides the student with a broad education in the scientific and engineering disciplines associated with Astronautical engineering. It is expected that our graduates will be prepared to Make direct contributions to the area of astronautical engineering Evaluate, monitor, and administer astronautical research and development projects Synthesize their professional expertise with the needs of the Air Force to produce new systems in the space arena.

ASW EVALUATION - MASL : P129340

The purpose of this course is to train junior surface warfare officers assigned to Anti-Submarine Warfare (ASW) platforms to function as ASW evaluators during all phases of the ASW problem. Training will include underwater acoustics, ASW

weapons and sensors, Russian and world threat, active sonar detection and localization techniques, Passive target motion analysis, sonobuoy plotting, ASW aircraft capabilities and limitations, internal and external ASW communications, SAU procedures, and new developments in ASW. Various scenarios using trainers to simulate shipboard environments reinforce classroom instruction. Scope: This course covers a broad introduction to the skills involved in the function of ASW evaluator, including an overview of the weapons and sensor suites available on each type of ASW capable ship. Classroom and trainer periods emphasize tactics which apply to evaluators on any ASW capable unit.

Officers should have orders to an ASW capable ship. Course is also open to enlisted members serving in the Sonar Technician or Operation Specialist rating E-7 and above.

Working uniform or equivalent

Some information taught in the course is classified Secret NOFORN and will not be available for international students attending the course.

AUTO ORGANIZATIONAL MAINTENANCE - MASL : P143803

The purpose of this course is to provide lectures and practical application exercises for entry level students, allowing them to perform 2nd and 3rd echelon maintenance tasks of inspection, service and repair of tactical wheeled vehicles, including shop procedures, introduction to tools and test equipment, fuel and electrical systems, troubleshooting and diagnosis, component replacement, power trains, chassis, brakes, steering and suspension systems, diesel engines, motor vehicle operation, preventive maintenance checks and services, and tactical vehicle air conditioning.

This course is designed to impart the technical knowledge and develop the functional skills that will enable the graduate, with normal supervision, to effectively perform the inspections, diagnostic tests, adjustments, services, and repairs to tactical motor transport equipment that are required to be accomplished at the second and third echelon maintenance levels. The program of instruction is designed to be fully MOS qualifying; therefore, Marines who successfully complete the course are assigned a 3521 MOS.

This course provides training on Marines Corps maintenance and management systems, technical publications, maintenance related forms and records, tools, automotive test equipment, principles of automotive mechanics, specific vehicle maintenance responsibilities related to engines, engine accessory systems, transmission systems, brake systems, suspension systems, steering systems, removal and installation of major automotive assemblies and scheduled preventive maintenance checks and services, and tactical vehicle air conditioning maintenance. The course also includes driver training. Students who successfully complete this training will be issued a shop use only license to operate the 2-1/4-ton (M1123) HMMWV and the 7-ton (MK23) MTVR vehicles.

Male or female, approximately 18 to 21 years of age. No physical handicaps; Normal motor skills.

Normal color vision and depth perception. High school graduate. Possesses automotive technology interests.

Private - sergeant; MOS 3500; score of 95 or higher in aptitude area MM; must possess the physiological qualifications and driving record required for licensing as a government motor vehicle operator (USMC TM 11240-15/3); minimum of 18 months obligated service remaining upon completion of the course.

Students report to Commanding Officer, Marine Corps Combat Service Support Schools, Training Command, PCS Box 20041, Camp Lejeune, (Camp Johnson), North Carolina 28542-0041. During working hours report to the Personnel Officer at Bldg. M130, phone DSN 750-0779 or coml. (910) 450-1135; after working hours report to the AOOD at Bldg. M131, phone DSN 750-0779 or coml. (910) 450-0779. Government messing and billeting are available. POV S are not authorized for entry level students.

AUTOMATED LOGISTICS SPECIALIST - MASL : B152463

In this course students will gain familiarity with Fed Log CD-ROM; Prescribed Load Lists (PLL), The Army Maintenance Management System (TAMMS); Unit Logistics System-Ground (ULLS-G); Standard Army Retail Supply system-Objective (SARSS-O); basic warehousing functions; Material Release Order Control System (MROCS); care and preservation of supplies and equipment; and subsistence supply in support of the Army field feeding system.

AUTOMOTIVE ELECTRICAL SYSTEMS REPAIRER - MASL : B143325

This course provides Skill level 1 and 2, DS/GS maintenance training emphasizing maintenance publications, tools, TMDE, maintenance safety and discipline, troubleshooting, and repair of automotive electrical components.

AV8B A/C ELECT SYS TECH IO - MASL : P141520

Upon completion of this course, the Aviation Electrician will have sufficient knowledge and the skills necessary to operate and maintain the Electrical, Lighting, Environmental, Fuel, Power Plant, Hydraulic, Landing Gear, Flight Controls, Stability Augmentation, Inertial Navigation, ADC, Pitot Static, and Instrument Systems, under close supervision, in the squadron organizational maintenance department.

This course covers Introduction, Aircraft Indoctrination & Safety; Electrical, Lighting & Environmental Control Systems; Pitot Static, ADC, INS & Memory Inspect; Hydraulic, Landing Gear & Related, Flight Control Systems, & SAAHS; Fuel & Power Plant Systems.

Graduate of (A) School and

Security clearance may vary by location based upon area/building in which taught. See annual schedule of courses for a particular location.

AV-8B AIRCRAFT ORDINANCE TECHNICIAN - MASL : P141521

Upon completion of this course, the AV-8B Aviation Ordnance Technician will have sufficient knowledge and the skills necessary to operate and maintain the AV-8B Armament and Gun Systems, under close supervision, in the squadron organizational maintenance department.

The course content will include the following Units of Instruction:

1. Introduction, Aircraft Indoctrination and Safety
2. Armament Systems Operational and Maintenance Procedures
3. Electronic Countermeasures and Gun Systems

Graduate of AO (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.

AV-8B A/C SAFETY EQUIPMENT MECHANIC OMA - MASL : P141517

Upon completion of this course, the Safety Equipment Mechanic will have sufficient knowledge and the skills necessary to operate and maintain the Safety Equipment and Environmental Control Systems, under close supervision, in the squadron organizational maintenance department.

This course covers:

1. Introduction, Aircraft Indoctrination and Safety
2. Cabin Cooling and Defog, and Cabin Pressurization Systems
3. Forward Avionics Cooling, Canopy Seal/Anti-G and On-Board Oxygen Generating Systems
4. Rear Equipment Cooling System and Scheduled Maintenance
5. Waveguide Pressurization and Radar Liquid Cooling Systems
6. Canopy and Ejection Seat Systems

Graduate of AM(E) 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.

AV-8B AIRCRAFT MECHANIC ORGANIZATIONAL MAINTENANCE - MASL : P141515

Upon completion of this course, the Aircraft Mechanics will have sufficient knowledge of Fuel and Power Plants Systems of the AV-8B aircraft, including system analysis and troubleshooting, to perform, under close supervision, organizational maintenance in the squadron working environment.

The course content will include the following Units of Instruction:

1. Introduction
2. AV-8B Aircraft Fuel Systems
3. AV-8B Engine and Related Systems
4. AV-8B Aircraft and Engine Servicing, Maintenance, Inspections, and Plane Captain Duties

Graduate of AD (A) school.

AV-8B AIRFRAMES INTEG O/M - MASL : P141599

Upon completion of this course, AV-8B Aircraft Airframes Mechanics will have acquired sufficient knowledge of the Hydraulic Systems, Structures, Landing Gear and related systems, Flight Control Systems, and the skills necessary to perform, under close supervision, organizational maintenance in the squadron working environment.

The course content will include the following Units of Instruction:

1. Introduction
2. Airframes Systems
3. Hydraulic Systems
4. Flight Control Systems
5. Aircraft Practical
6. Landing Gear Systems

Graduate of AM(A) school.

AV-8B COM/NAV/IDEN/ECM W/S - MASL : P141519

Upon completion of this course, Aviation Communication, Identification, Electronic Countermeasures, Weapons, Automatic Target Handoff, Radar Systems Specialists will have sufficient knowledge and skills necessary to operate and maintain the Aviation Communication, Navigation, Identification, Electronic Countermeasures, Weapons, Automatic Target Handoff and Radar Systems, under close supervision, in the squadron organizational maintenance department.

This course covers Introduction, Aircraft Indoctrination and Safety; Mission Computer System (MCS), Integrated Controls and Displays; Navigation and Identification Systems; Communication System; Electronic Countermeasures; Weapons Systems; Night Attack; and Automatic Target Handoff System (ATHS) and Radar System.

AT Course (Avionics Technicians Course)

AV-8B CONVENTIONAL WEAPONS LOADING - MASL : P141585

Upon completion of this course, Ordnance Technicians will have sufficient knowledge/skills to perform Weapon Systems Functional Release and Control Checks, Weapon Inspections, Loading/Downloading Procedures, Arming/De-arming Procedures, and Gun Jam Clearing Procedures, under close supervision, in the squadron working environment.

The course content includes the following Units of Instruction:

1. Introduction to AV-8B Conventional Weapons Loading
2. AV-8B 25MM Gun Loading/Downloading and Gun Jam Clearing
3. AV-8B Peculiar Airborne Weapons Description and Airborne Weapons Support Equipment
4. AV-8B Weapons Systems Release and Control Check (S)
5. AV-8B Conventional Weapons Loading/Downloading

Graduate of AO(A) School or Equivalent

AVENGER SYSTEM REPAIRER - MASL : B195170

This course provides instruction in AC, DC, and resonance circuits; transistors, soldering, symbolic logic, and microprocessors; inspecting, testing, and adjusting components to specific tolerances; and in determining shortcomings and malfunctions in electronic, electrical, mechanical, hydraulic, and cryogenic assemblies, subassemblies, modules, and circuits elements using system associated test equipment. Repair, serviceability, disposition, and safety procedures are taught throughout the course.

AVIATION MAINTENANCE MANAGER -EN - MASL : B141849

The Aviation Maintenance Manager Course is designed to provide the skills and knowledge required to efficiently and economically manage AMC and ASC aviation maintenance management programs. The course contains in depth instruction on aviation maintenance and supply management; instruction on component shop operations, manning, capabilities, basics of electricity, ULLS-A SCP-6, managing the field level maintenance of PLL/SSL, and bench stock repair parts.

This includes: forecasting repair parts and manpower requirements for unit OPTEMPO; the management and disposition of aircraft operational and historical forms and records; completion of Aviation readiness reports, Periodic and Phase Maintenance Programs at the AMC and ASC; Battle Damage Assessment and Repair (BDAR); aircraft systems inspection, troubleshooting and repair procedures; and various Standard Army Maintenance Information Systems (STAMIS) to include

Unit Level Logistics System Aviation SCP-6 (ULLS-A SCP-6), Standard Army Maintenance Systems Enterprise (SAMS-E), and Standard Army Retail Supply System (SARSS).

AVIATION ORDINANCE SYSTEMS TECHNICIAN CORE COURSE - MASL : P142050

Upon completion of this course, Aviation Ordnance Systems Technicians will have sufficient knowledge/skills to perform under supervision, maintenance of Aircraft Armament Equipment, and Armament/Weapons Support Equipment as well as munitions assembly/disassembly, ammunition accountability and Station Ordnance operations in the Marine Aviation Logistics Squadron and Station Ordnance environment.

This Course Content Includes the Following Units of Instruction:

1. Introduction
2. Armament/Weapons Support Equipment
3. Ammunition Management
4. Ammunition Operations
5. Airborne Weapons
6. Common Missile Launchers/Ejector Racks

AVIATION ORDNANCE SYSTEMS TECHNICIAN COURSE - MASL : P142051

Upon completion of this course, Aviation Ordnance Intermediate Maintenance Technicians will have sufficient knowledge/skills to perform under supervision, maintenance of Aircraft Armament Equipment, Aircraft Gun Systems and Armament/Weapons Support Equipment in the Marine Aviation Logistics Squadron.

This Course Content Includes the Following Units of Instruction:

1. Introduction to the Course
2. M272 Hellfire Missile Launcher (HML)/TOW Missile Launcher (TML)
3. RO-7 Series Ejector Rack Assembly
4. BRU-20/21/22/23 Series Ejector Rack Assemblies
5. BRU-36 Series Aircraft Bomb Ejector Rack
6. Aircraft Store Ejector Rack
7. Introduction to Aircraft Guns and General Gun Safety
8. A/A49E-10 25MM Aircraft Gun System
9. A/A49-E-7 (V4) 20MM Point and Suppressive Fire System
10. M89E1 Declutching Feeder and M197 20MM Automatic Gun
11. Crew Served Weapons

AVIATION PRE-COMMAND-EN - MASL : B114051

The goals of this course are to:

- Update command selectees on branch doctrine and refine his/her capability to fight the force.
- Teach the command selectees the principals and techniques of training management.
- Ensure knowledge of organization, capabilities, branch perspectives, trends, and policies of his/her branch.
- Provide training or familiarization on new and current systems and equipment as applicable to his/her branch.

AVIATION RADAR REPAIR CRS - MASL : P132826

This course provides technical instruction on the AN/TPS-59V(3) and AN/TPS-63 radar sets, ancillary and associated equipment organic to ground elements of Fleet Marine Force Aviation units. Included are installation, testing, adjustment and organizational maintenance on the radar sets. Instruction encompasses the overall concept of operation, assembly and disassembly, operational adjustments, use of built-in status devices and special tools, and the interrelation of subassemblies and circuitry peculiar to the AIMS equipment, AN/TPS-59V(3), AN/TPS-63 radar sets and associated equipment. Instruction includes corrective and preventive maintenance, reading and interpretation of schematics, logic diagrams, servicing block diagrams, flow charts, and maintenance publications.

E-1 through E-5. Complete the AIMS Maintenance Course/Radar Fundamentals Course (P132819).

Although this course is unclassified, a secret clearance is required to access the facility where the training is conducted. ITO must include security clearance.

AVIATION SAFETY COMMAND (ASC) - MASL : P171411

The purpose of this course is 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.

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.

AVIATION SAFETY SCHOOL - MASL : B114006

The goals of this course are to teach Army aviation air and ground accident prevention with emphasis on:

- Safety management
- System safety
- Human factors
- Accident investigation
- Prevention and safety office automation.

AVIATION WARFARE APPRENTICESHIP - MASL : P131389

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.

Topics include electrostatic principles, discharge/electromagnetic interference principles/ procedures, safety wiring procedures, and CPR.

AVIATOR OPERATIONS SPECIALIST - MASL : B114044

This course combines Aviation related subjects and five modules of MOS specific training. Aviation related subjects include Sexual Assault Prevention Training and Information System Security.

- Module 1 of the MOS specific training includes flight plans and overdue aircraft procedures.
- Module 2 includes aircraft designations, weather, DOD Flight Information Publications and Aeronautical charts.
- Module 3 includes both manual and automated flight records and flight orders.
- Module 4 consists of training on operations overlays, the Single Channel Ground to Airborne Radio System (SINCGARS), Automated Net Control Device (ANCD), high frequency radio, Aviation Mission Planning System (AMPS), Precision Lightweight GPS Receiver (PLGR) and extracting information from Airspace Command and Control documents.
- Module 5 includes operating a Tactical Operations Center (TOC) and installing Antenna Group OE-254/GRC.

Training culminates with a Field Training Exercise (FTX).

AVIONIC COMMUNICATIONS EQUIPMENT REPAIRER - MASL : B137438

Upon completion of the course students will be able to perform:

- Aviation intermediate maintenance on avionic communications equipment, to include very high frequency, amplitude modulated, frequency modulated, ultra high frequency
- Aircraft intercommunications control systems, and radio sets with frequency hopping capabilities
- Troubleshoot malfunctioning equipment, using common and specialized hand tools and test equipment.

AVIONIC MECHANIC SPAN-PLAN CO - MASL : B141733

Restore avionic systems and subsystems, to include troubleshooting and repair of aircraft wiring on communications; navigation; stabilization; radar and night vision imaging systems; basic electronics theory; common soldering and systems installation practice with use of associated tools and test equipment.

Latin American personnel only. Information can be obtained by calling Training Operations Division, USAALS at DSN 826-6474 ext 3359 or comm 757-878-6474 ext 3359.

AVIONIC MECHANIC - MASL : B137441

This course teaches how to restore avionic systems, and subsystems, to include troubleshooting and repair of aircraft wiring on communications, navigation, stabilization, and night vision imaging systems, basic electronics theory, common soldering, and systems installation practices with use of associated tools and test equipment.

Personnel not meeting prerequisites of DA Pam 611-21 will be returned to their unit. Soldiers will attend a 5-day End of Course Situational Training Exercise (EOCSTX). Reclassification soldiers attending this course must have in their possession DA Form 873, Certificate of Clearance and/or Security Determination to attend this course. Information on this course can be obtained by calling Training Operations Division, USAALS at DSN 826-6474 ext 3359 or comm 757-878-6474 ext 3359.

AVIONIC MECHANIC SPANISH - MASL : B141732

This course teaches how to restore avionic systems and subsystems, to include troubleshooting and repair of aircraft wiring on communications; navigation; stabilization; radar and night vision imaging systems; basic electronics theory; common soldering and systems installation practice with use of associated tools and test equipment.

Latin American personnel only.

Information can be obtained by calling Training Operations Division, USAALS at DSN 826-6474 ext 3359 or comm 757-878-6474 ext 3359.

AVN CAPTAINS CAREER - ALL - MASL : B171630

This course provides training instruction and practical exercises in Army operations; professional military subjects in common functional areas; unit leadership, doctrinal base, tactical decision-making; aviation maintenance and logistics; aviation operations, and military writing.

AVN CAPTAINS CAREER - EN - MASL : B171633

This course provides training instruction and practical exercises in Army operations; professional military subjects in common functional areas; unit leadership, doctrinal base, tactical decision-making; aviation maintenance and logistics; aviation operations, and military writing.

AVN MAINTENANCE LEADERS COURSE (AMLC) - ALL - MASL : B141853

The Aviation Maintenance Leaders Course (AMLC) is designed to provide the basic skills and knowledge required to understand the maintenance management programs.

The AMLC provides a broad overview of aviation maintenance and supply management; instruction on such systems as:

- Combat Maintenance
- Two Level Maintenance (2LM) Field and Sustainment
- Standard Army Maintenance Information Systems (STAMIS)
- Periodic and Phase Maintenance Programs
  - Forecasting repair parts and manpower requirements for unit OPTEMPO
  - Managing the Aviation Maintenance Company (AMC) and Aviation Support Company (ASC) Prescribed Load List/Shop Stock List (PLL/SSL)
  - Bench stock repair parts
  - The management and disposition of aircraft operational and historical forms and records
  - Completion of aviation readiness reports at the AMC and ASC
  - Aircraft systems inspection
  - Troubleshooting, repair procedures; and various Standard Army Maintenance Information Systems (STAMIS)

    - Including Unit Level Logistics System Aviation (ULLS-A), Standard Army Maintenance Systems Enterprise (SAMS-E), and Standard Army Retail Supply System (SARSS) .

AVN MAINTENANCE LEADERS COURSE (AMLC) - EN - MASL : B141854

The Aviation Maintenance Leaders Course (AMLC) is designed to provide the basic skills and knowledge required to understand the maintenance management programs.

The AMLC provides a broad overview of aviation maintenance and supply management; instruction on such systems as:

- Combat Maintenance
- Two Level Maintenance (2LM) Field and Sustainment
- Standard Army Maintenance Information Systems (STAMIS)
- Periodic and Phase Maintenance Programs
  - Forecasting repair parts and manpower requirements for unit OPTEMPO
  - Managing the Aviation Maintenance Company (AMC) and Aviation Support Company (ASC) Prescribed Load List/Shop Stock List (PLL/SSL)
  - Bench stock repair parts
  - The management and disposition of aircraft operational and historical forms and records
  - Completion of aviation readiness reports at the AMC and ASC
  - Aircraft systems inspection
  - Troubleshooting, repair procedures; and various Standard Army Maintenance Information Systems (STAMIS)
    - Including Unit Level Logistics System Aviation (ULLS-A), Standard Army Maintenance Systems Enterprise (SAMS-E), and Standard Army Retail Supply System (SARSS) .

AVN MAINTENANCE SUPERVISOR SPAN-PLN CO - MASL : B141728

This course teaches aircraft engine maintenance and repair; aircraft electrical system/avionics maintenance and repair; rotor system maintenance and repair; airframe maintenance and repair; hydraulic system maintenance and repair; fuel systems maintenance and repair; technical inspections requirements and procedures; aircraft maintenance forms and records; troubleshooting and fault isolation; tools; test sets, and diagnostic equipment; aviation maintenance quality and production control procedures; maintenance scheduling.

AVN MAINTENANCE TECHNICIAN WO BASIC - MASL : B141825

This course teaches aircraft engine maintenance and repair; aircraft electrical system maintenance and repair; rotor system maintenance and repair; airframe maintenance and repair; hydraulic system maintenance and repair; fuel systems maintenance and repair; technical inspections requirements and procedures; aircraft maintenance forms and records; troubleshooting and fault isolation; tools; test sets, and diagnostic equipment; aviation maintenance quality and production control procedures, and maintenance scheduling.

AVN MAINTENANCE MANAGER - ALL - MASL : B141823

This course teaches aircraft maintenance management and aviation supply instruction; instruction on systems such as Combat Maintenance/Battle Damage Repair (BDR), Standard Army Maintenance Information System (STAMIS), the Aircraft Ground Power Unit (AGPU), and the Periodic and Phase Maintenance Programs.

AVTRA ADV HELO TH-57 - MASL : P113301

The purpose of this course is 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. This course includes ground training: for 14.5 hours 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.

AVTRA ADVANCED MULTI-ENGINE MPTS A/F - MASL : P112305

The mission of this course 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.

Navy Multi-Service Pilot training System Q-2A-0030

MPTS Intermediate Multi-Eng Q-2A-0033 or T-37 JT Spec Under Grad Pilot, P-V4A-A/J.

AVTRA ADVANCED MULTI-ENGINE MPTS NAVY - MASL : P112304

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.

Navy Multi-Service Pilot Training System Curriculum, Q-2A-0030

MPTS Intermediate Multi-Eng, Q- 2A-0033 or T-37 Joint Spec Undergrad Pilot Trng, P-V4A-A/J (T37).

AVTRA ADV NFO STRK FIGHTER - MASL : P114036

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.

AVTRA INSTRUCTOR - MASL : P115002

This program is 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. The course 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.

AVTRA INSTRUCTOR - MASL : P115003

This program is 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.

AVTRA INSTRUCTOR - MASL : P115001

This program is 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.

AVTRA INTERM MS NFO T-6 - MASL : P114006

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.

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AVTRA PRE-FLIGHT INDOCTRINATION - MASL : P119301

This course provides commissioned officers in the U.S. Navy, U.S. Marine Corps, U.S. Coast Guard, U.S. Air Force and selected International Military Officers (IMO) with basic knowledge needed for primary flight training and basic naval flight officer training.

Academic instruction totaling 84.5 hours includes instruction in Flight Rules and Regulations, Meteorology Theory, Air Navigation, T-34 Engines, T-34 aerodynamics, Aviation Safety, Aviation Student Information and Aircrew Coordination Training. Survival training totaling 146.5 hours includes the subjects of aviation physiology, swimming, land and sea survival, and physical fitness.

Students should be able to pass U.S. Navy Physical Fitness Test (PFT) and Red Cross 2nd Class Swim.

AVTRA PRIMARY MULTI-SERVICE PILOT TRAINING SYSTEM - MASL : P112306

This course provides training to student aviators in the T-34C Primary phase of flight training. To qualify graduates of this course for follow-on advanced flight training and prepare them for their future responsibilities as military officers.

AVTRA PRIMARY MS NFO T-6 - MASL : P114005

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 Inter-service Undergraduate Navigation Training.

AVTRA T-45A TOTAL SYSTEM STRIKE FLIGHT TRAINING - MASL : P111310

This course is 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.

AVTRA T-45C TOTAL SYSTEM STRIKE FLIGHT TRAINING - MASL : P111309

This course is 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.

AVTRA T-45C TOTAL SYSTEM STRIKE FLIGHT TRAINING - MASL : P111326

This course is 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.

AVTRA TH-57 SIMULATOR - MASL : P113314

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

AWACS MCC CRSS TRAINING COURSE - MASL : D117137

The purpose of this course is to train personnel meeting the course prerequisites to basic aircraft qualification (BAQ) status in the mission crew commander crew position on the E-3. Graduates receive an E-3 rating of BAQ IAW AFI 11-2E3/TC-18, Vol 1. Cross training course length is 49 training days divided into 2- GTDs and 29 FTDs.

AWC ASSOCIATE PGM (NONRES) - MASL : D171018

The Air War College Nonresident Program offers senior developmental education to DOD officers and civilians unable to attend AWC in residence. The mission, objectives, and philosophy of the nonresident program are the same as those in the resident program. The curriculum mirrors the Air War College resident program and emphasizes the knowledge, skills, and attributes required of all Air Force senior officers as they prepare for leadership positions with institutional responsibilities.

The nonresident program can be completed in a seminar study group, by independent correspondence study, or through some combination of these two. Examinations and writing requirements, as well as course materials, are identical regardless of completion method. Students may transfer from one study mode to the other. Seminar study groups generally have 4 to 20 members, and meet at a time, location, and frequency of their choice. Seminar members conduct and participate in group exchanges of ideas and opinions, analyzing subjects in the AWC curriculum.

Seminars are typically of 10 months duration and are offered at about 50 locations worldwide. Independent study is an option for those not near a seminar study group or who desire greater scheduling flexibility. Over 90 percent of AWC nonresident students learn through correspondence, and can complete their self-paced program in 6-18 months.

For enrollment information, please visit the AWC web site at http://www.au.af.mil/au/awc/awc-ns.htm.

Address inquiries to AWC Nonresident Studies Directorate, 325 Chennault Circle, Maxwell AFB, AL 36112-6427; commercial phone number (334) 953-6093 or DSN 493-6093.

AWC-CORRESPONDING STUDIES - MASL : B179020

This course closely parallels scope of resident course. Curriculum consists of eleven correspondence courses, two two-week resident phases, and an optional writing program. Like the resident course, it focuses on the study of the role of land power, as part of a unified, joint or combined force, in support of the U.S. national military strategy.

This course prepares selected military officers and civilians for leadership responsibilities in a strategic security environment during wartime and peacetime. Curriculum focuses on national security and strategy issues, concepts and processes; military strategy, plans and operations; theater level warfare and campaign planning and command, leadership and management.

AWC-CORRESPONDING STUDIES - MASL : B179021

This course closely parallels scope of resident course. Curriculum consists of eleven correspondence courses, two two-week resident phases, and an optional writing program. Like the resident course, it focuses on the study of the role of land power, as part of a unified, joint or combined force, in support of the U.S. national military strategy.

The course prepares selected military officers and civilians for leadership responsibilities in a strategic security environment during wartime and peacetime. Curriculum focuses on national security and strategy issues, concepts and processes; military strategy, plans and operations; theater level warfare and campaign planning and command, leadership and management.

BASE REALIGNMENT, CLOSURE AND ECONOMIC REDEVELOPMENT - MASL : P174260

This course focuses on the economic concepts used in selecting military facilities for closure, realignment and to promote economic redevelopment. Case studies will be used to illustrate the link between strategic plans, military capabilities and program budgets. Cost-Effectiveness analysis, estimating environmental costs, risk analysis and the process of economic redevelopment will be discussed in a wide variety of international settings.

Examples of successes and failures will be examined in order to develop a set of principles that can be applied in the context of the participant s own nation.

BASIC FREIGHT TRAFFIC - MASL : B153723

This course focuses on transportation officer functions; motor, rail, water and air carrier industries; routing; tariffs and tenders; transportation security; hazardous cargo; loss and damage; freight documentation; detention and demurrage; carrier performance program; CONUS Freight Management - Field Module (CFM-FM) System; and the role of the Transportation Component Commands.

BASIC GEODETIC SURVEYING (BGS) - MASL : B125101

This course focuses on operating equipment to observe horizontal, vertical and electronic distances and differences in elevation; recording observed data; observing and recording astronomic and solar azimuth data; operating analytical photogrammetric positioning system; computing universal transverse mercator grid information; computing geodetic information; computing instrument calibration data; operating hand held programmable calculators; observe and compile data to produce large scale plane table maps.

BASIC INFORMATION SECURITY INDEP - MASL : P279222

This course provides a basic overview of the DOD Information Security Program including policy for classifying and declassifying information, and the requirements and techniques for ensuring that classified information is clearly marked, controlled, handled, stored and destroyed.

Target audience: DOD military and civilian personnel with little or no experience working with classified information.

Estimate 16 hours to complete.

BASIC INSTRUCTOR COURSE - MASL : D166047

In this course the instructional design for this course is group paced. Training includes roles of an instructor, qualities of an instructor, group dynamics, learning theory, counseling theory, instructional methods, multimedia, student measurements, ISD, questioning techniques, communicative process, lesson plan development, delivering presentations and student administration which includes an introduction to TTMS.

BASIC INSTRUCTOR COURSE - MASL : D166049

In this course the Basic Instructor Course (BIC) trains personnel to instruct in technical training courses in the Air Education and Training Command. The instructional design is group-paced and the course is taught in four blocks of instruction:

1. Fundamentals of Instruction
2. Instructional Development
3. Counseling
4. Presentations

BASIC INSTRUCTOR COURSE - MASL : D166048

This resident course is tailored to train personnel who have been selected to instruct in technical training courses in the Air Education and Training Command. The instructional design for this course is group-paced.

The course is divided into four blocks of instruction.

- The first block of instruction addresses the fundamentals of teaching. Information is presented on the qualities of an instructor, instructor roles, group dynamics, the communicative process, the developmental approach to instruction, the six Laws of Learning, various instructional methods, questioning techniques, the use of traditional as well as technology-based multimedia in the classroom, and outlining lesson plans. Also during the first block of instruction, students have the opportunity to begin fine-tuning their instructional techniques by giving an impromptu speech as well as a 10-12-minute presentation.
- The second block of instruction concerns topics that are related to TC training policies and procedures. These topics include organizational design, Instructional Systems Development, Course Control Documents, the development of lesson plans, introduction to evaluation, and student administration to include the Technical Training Management System (TTMS) for student accounting. Students are also given an opportunity for instructional practice by preparing and presenting a 20-24-minute lesson.
- The third block of instruction concerns counseling. Students receive information concerning counseling definitions, human behavior and adjustment mechanisms, the Cognitive, Affective, and Behavioral approach to counseling, the actual counseling and referral process, and conducting a counseling interview. Students practice these skills by role-playing in counseling scenarios.
- The fourth block of instruction deals solely with training methodology. Students prepare and present various lessons to demonstrate their understanding of knowledge and achievement of skills taught in earlier course objectives regarding lesson preparation and presentation.

Student presentations include the lecture and the demonstration/performance methods of instruction. Other training methodologies may be added in order to meet wing-specific needs.

BASIC LITHOGRAPHER - MASL : B125102

Course consists of two phases:

- (Pre-press) trains students in basic skills and technical knowledge needed to operate a process camera and produce line, halftone and contact negatives using tray processing techniques, film processors, filters and densitometers. Further training includes basic computer operations, and a desktop publishing system to produce camera-ready copy; familiarization with computer-to-digital duplicator theory, and photolithographic film and chemistry. Also, teaches the production of simple, combination and book-work and multi-color flats and proofing systems; and offset plate making processes used in the reproduction of various types of printed maps, charts and related products.
- Students learn operation of photo-direct image plate makers, digital and standard duplicators, medium-sized offset presses and bindery equipment.

Throughout the course, students receive an orientation on recommended maintenance, safety and security procedures.

BASIC LOADMASTER COURSE - MASL : D153003

This is one of two locations for the 3-level awarding course for the 1A2X1 career field. In addition to the Little Rock location taught by the ANG, the course is also taught by the 97 TRS at Altus AFB. (Refer to the BLM AL listing in the TC section for the Altus AFB location, and ANGBLM in the Air National Guard section for other than active duty students attending the course at Little Rock AFB).

Individual students will be assigned to a BLM course location based primarily on best progression into their follow-on initial qualification training, although cross-flows to the alternate location may sometimes occur. Graduates progress to follow-on training and qualification as an aircraft loadmaster.

The course is presented in five blocks of instruction. Areas of training include the loadmaster career ladder, security, customer relations, passenger briefings, customs requirements, publications, principles of airdrop, and transportation of hazardous materials. Students learn formulas for calculating vehicle and aircraft center of gravity, as well as the effects of load shifts and removing cargo.

Also emphasized are shoring requirements, cargo restraint, and chart "E" familiarization, as well as concentrated and palletized load planning. A final portion of the course focuses on aircraft loading and actual task performance on aircraft or load training device. An acceptable score on each end-of-block examination is required for graduation.

BASIC OFFICER COURSE USMC - MASL : P179250

The purpose of this course is to provide newly commissioned officers a basic professional education and to instill in them the esprit and leadership traditional to the Marine Corps in order to prepare them to assume the duties and responsibilities of company grade officers in the field and in garrison. Additionally, the Basic Officer Course provides a basic understanding of infantry skills so that the graduate can properly support ground combat operations and can also perform infantry duties.

BASIC OFFICER LEADERSHIP - MASL : B121010

This course provides training in combined arms tactics (tactical doctrine and operations, military operations on urban terrain, artillery, and engineer operations, and field training exercises); staff subjects (intelligence, operations, logistics, and training management); general subjects (military leadership, land navigation, legal subjects, medical subjects, physical training, and special presentations); communications/electronics; unit/materiel readiness; weapons (individual).

BASIC OFFICER LEADERSHIP - MASL : B121000

This course provides training in combined arms tactics (tactical doctrine and operations, military operations on urban terrain, artillery, and engineer operations, and field training exercises); staff subjects (intelligence, operations, logistics, and training management); general subjects (military leadership, land navigation, legal subjects, medical subjects, physical training, and special presentations); communications/electronics; unit/materiel readiness; weapons (individual).

BASIC OPERATIONAL LAW TRAINING (BOLT) - MASL : P176039

The goal of this course is to provide basic operational and law of war training to newly assessed Marine Corps Judge/advocates. The course specializes in instruction in the areas of public international law, the legal basis for the use of force, means and methods of warfare, Hague and Geneva Conventions, war crimes and command responsibility, human rights, code of conduct, Rules of Engagement, non-combatant evacuation operations, homeland security, Status of Forces Agreements, fiscal law, deployment claims, information operations, intelligence law, and the role of the operational lawyer in MAGTF operations.

This course is by invitation only.

BASIC PUBLIC AFFAIRS SPECIALIST-BROADCASTER - MASL : B164589

This course provides knowledge/skills needed to train broadcast journalists to support public affairs journalism and broadcast missions throughout the Armed Forces. Designed to train the student to assume the role of a military broadcaster in an AFRTS outlet or on a ship, post, base or station public affairs office. Instruction is provided in the theory and principles of external and internal information, release of information to the public, research methods, service unique categories, detailed and complex instruction in radio and television operations, broadcast writing, voice and diction and the use and practical operation of the electronic news gathering system.

BIONED EQUIP MAINTENANCE SPECIALIST - MASL : D175016

This course provides training for biomedical equipment personnel to include anatomy and physiology, electronic principles, clinical applications, operation, inspection, maintenance and troubleshooting of a wide variety of biomedical equipment

systems used in field environments and peacetime facilities and the related administrative duties. (Does not apply to NPS Students)

Students will bring a copy of their Information Assurance (IA) certificate. This is necessary for computer usage. Failure to do so will delay the student starting class.

BOARDING OFFICER (MLE-01) - MASL : P173101

This course is for the lead officer in a maritime law enforcement boarding team. The course is designed to provide a basic foundation in applicable legal concepts; practical experience in fundamental and advanced boarding procedures and techniques stressing teamwork and officer safety; and practical exercises involving administrative inspections, search, seizure, arrest, use of force, crime scene processing, case file preparation and courtroom procedures, communication, and intoxication identification. Students are assigned to 2 and 4-person teams. Teamwork is strongly emphasized throughout the course to foster the team approach to problem solving. E-IMET APPROVED

Students must be service pistol qualified. Students must complete the physical fitness test that is described on Page III-47 of this Handbook satisfactorily. Students will be tested on the first day of the course, with one physical fitness retest (if necessary) within the first week. Students failing retest or not meeting the weapons qualification requirement will be dis-enrolled from the course.

Students need soft-soled gym shoes and gym clothes, athletic supporter with cup for males, at least one padlock, and work uniforms. Students should be prepared for and expect a physically demanding course and should be in good physical condition.

BOARDING TEAM MEMBER E-IMET - MASL : P124401

This course is designed to prepare students for their role as Maritime Law Enforcement (MLE) boarding team members. The major subject areas are: defensive tactics techniques, use of force, administrative inspections, authority and jurisdiction, identification of possible violations of U.S. law, personal searches, initial safety inspections, and boarding procedures.

Students must complete the physical fitness test described on Page III-47 of the International Training Handbook satisfactorily. Students will be tested on the first day of the course, with one physical fitness retest (if necessary) within the first week. Students failing retest or not meeting the weapons qualification requirement will be dis-enrolled from the course.

BSC TARGET MOTION ANALYSIS - MASL : P121311

This course is designed to supplement the instruction of the Australian Submarine Warfare Officers Course. The first week of the course is primarily classroom instruction followed by a week of practical application in Attack center trainers.

The primary topics covered are:

- Basic Target Motion Analysis
- Mk 48 ADCAP Employment/Tactics
- Time Frequency Target Motion Analysis
- Towed Array Operations/Employment
- Submarine Coordinated Operations
- BYG-1 FCS Familiarization/Employment
- Coordinated Operations Planning Exercise
- Current Intelligence Briefs
- Classification: Secret

Normal class load is 6 students, but can accommodate as many as 12 if required.

BUDGET PREPARATION, EXECUTION AND ACCOUNTABILITY - MASL : P156600

This course provides the foundation for preparing and executing the defense budget. Generic PPBES will be used to illustrate how planning and programming support national defense objectives and priorities. Case studies will be used to illustrate how programming and budget guidance are integrated to create a budget, implement funds control, performance management and accountability in the resource allocation process.

Students should report two days prior to class convene.

DS/DIVE/PREP TRAINING - MASL : PDET016

The goal of this course is to prepare international officers and enlisted personnel to successfully complete the U.S. Navy Basic Underwater Demolition/Seal Training program.

BU-SCH JOURNEYMAN - MASL : P174209

This course 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 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.

C130 LOADMASTER - MASL : D302040

In this course training teams are composed of DOD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a countries capability. It should be requested only after full consideration has been given to in-country capability and other DOD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

C130 PILOT INITIAL QUALIFICATION - MASL : D117119

In this formal school course pilots (SUPT graduates) qualify in initial aircraft qualification operations in the C-130E aircraft IAW AFI 11-2C-130, Vol. 1 prerequisites.

The course includes academic, simulator, and flying training.

C-130/T-56 B/E/H ENG TECHNICIAN - MASL : D141260

The course is designed to provide advanced operating principles and theory of the T-56 engine to establish a solid maintenance foundation for journeymen. Students will be given thorough instruction to evaluate conditions and make proper repair decisions of engine operating systems and subsystems. Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

- Block 1 T-56 Engine Familiarization: This block begins with a course orientation, where students learn about the academies policies, programs, and academic objective requirements. This block provides lecture and discussion on ground safety related to in-shop and flight line maintenance. They receive detailed information and characteristics of the engine reduction gearbox, compressor, combustion and turbine sections. Also different components of the T-56 engine are discussed in detail in this block. The block concludes with a written examination.
- Block 2 T-56 Systems Operation: During this block, principles and theory of oil, pneumatic, fuel, temperature datum, ignition, and fire/overheat systems are lectured and discussed. Students are taken to the engine shop and aircraft to compliment the instruction. They are given thorough instruction to evaluate different engine conditions and make proper repair decisions of engine operating systems and subsystems. This block concludes with a written examination.
- Block 3 In-Shop Maintenance: This block covers the in-shop aspect of engine maintenance. Procedures for engine removal and installation, hot section disassembly and reassembly, as well as accessories removal and installation are taught in this block. Students learn inspection procedures and engine adjustments. They will also learn the use of troubleshooting diagrams, and technical orders for each system. This block concludes with a written examination.

C-130B/E/H PROPELLER TECHNICIAN - MASL : D141261

This course is designed to provide C-130 B/E/H propeller technicians advanced operational theory and hands-on maintenance training in order to establish a solid craftsman foundation. With the extensive knowledge furnished by the curriculum, the students are able to analyze facts and draw conclusions related to operation and troubleshooting of the propellers systems and subsystems. Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

- Block 1 Propeller Familiarization: This block begins with a course orientation, where students learn about the academies policies, programs, and academic objective requirements. This is followed by a comprehensive overview

of ground safety related to in-shop and flight line maintenance. Students receive general information, construction characteristics, and operational theory of the 54H60 propeller and its major components. Items discussed include the dome assembly, low-pitch stop assembly, pitch-lock regulator assembly, the barrel and blades, and the propeller control assembly including the pump and valve housings. This block of instruction concludes with a written examination.

- Block 2 Propeller Electrical Systems: The students receive information about the operational theory and troubleshooting of the propellers electrical systems. Systems taught include anti-icing, de-icing, and the syncrophaser systems. The use of technical orders to troubleshoot propeller electrical system problems is stressed throughout the block. Students receive fundamental knowledge on how to read electrical schematics in order to troubleshoot different propeller malfunctions. This block concludes with a written examination.
- Block 3 Flight line And In-Shop Maintenance: The purpose of the third and final block of instruction is hands-on maintenance training. Propeller complete disassembly and assembly are discussed throughout this block. Inspection of the propeller blades, barrel halves, contact ring, pump housing and dome assemblies are also discussed in detail. The instructor demonstrates all propeller maintenance procedures to the student in order to introduce the use of technical orders and special tools. The students perform maintenance procedures following technical orders and safety guidelines.

C130J PILOT FORMATION QUALIFICATION - MASL : D112038

This course initially qualifies pilots in the C-130J aircraft. This course Includes academic, CRM, simulator and flying training. Graduates will be C-130J MPD MPs.

C-17 AEROMEDICAL EVACUATION - MASL : D175166

This course trains flight nurse and Aeromedical technicians on C-17 medical evacuation procedures. It provides academic ground and flight training to include in-flight nursing considerations, medical equipment, and personal requirements in a train the trainer format.

C-17 ENGINE CHANGE PROC - MASL : D149523

This course integrates theory of operation with the hands-on procedures for removing and installing the engine. Proper TO procedures and safety precautions are stressed throughout the course.

C-17 LOADMASTER INITIAL QUALIFICATION (AT) - MASL : D117150

This course qualifies aircraft loadmasters in the C-17 aircraft. The program consists of contractor-administered academic and simulator training followed by Air Force-conducted flight training.

C-17 PILOT INITIAL QUALIFICATION (AT) - MASL : D112040

This course qualifies pilots in the C-17 aircraft and mission. It includes instruction on basic aircraft flight procedures, low-level flight, aircraft systems, air refueling operations, and SKE/VFR formation flying procedures. Training consists of contractor-administered academic and simulator training followed by Air Force-conducted flight training.

C-17 PILOT SENIOR OFFICER COURSE (PARTIAL) - MASL : D112042

This course qualifies selected senior officers of C-17 units in the C-17 aircraft. The training consists of Air Force-conducted flight training from FTU only.

C-17A AVIATION MAINTENANCE COURSE-INTL - MASL : D141420

This course provides theory of operation, removal and replacement, operational checks, and inspections of selected components on the C-17A Aircraft. Systems include: Aircraft General Information, Mechanics Familiarization, Communications Systems, Navigation Systems, Instruments and Flight Control Systems, Mission Computing/Central Display System, Electrical Systems, and C-17 Inspections. Proper technical order procedures and safety precautions are stressed throughout the course.

C-17A GENERAL AIRCRAFT SYSTEMS*FTD - MASL : D149517

This course is designed for flight line supervision and management. It delivers an introduction to the following C-17A systems: Technical Data Numbering, Electrical, Mission Computing/Electronic Display, Hydraulic, Primary Flight Controls, Secondary Flight Controls, Landing Gear, Cargo Door and Ramp, Engine, Auxiliary Power Unit, Environmental, Fuel, and On Board Inert Gas Generating.

C17A MAINTENANCE OJT (AT) - MASL : D141421

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the students country provides justification accompanied by specific training objectives.

Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

C4 PLANNING OFFICERS CRS - MASL : P132201

The objective of the Advanced Communications Officers Course (ACOC) is to provide formal skill progression training for captains (O-3) in the communications and systems control military occupational field.

The course increases these Marines effectiveness as they move into communications and systems control staff billets (G-6/S-6) by providing them with technical C4 planners training. The course includes detailed practical applications that enable the student to better understand, plan, and manage significant quantities of increasingly complex communications equipment and command and control (C2) systems in support of the marine component of a Joint Task Force, including external connectivity to theater (combatant commander s) and national-level communications systems. The course consists of sub-modules covering the C4 planning process, transmission systems, voice switching systems, data communications networks, communications system management, and the development of the Communications and Systems Control Annex to an operational order or operational plan.

The course is intended for captains (O3) who have successfully completed the Basic Officer Course (MASL 179250), the Basic Communications Officer Course (MASL 139400) or equivalent host-nation courses; and have served in a progression of billets (4 to 5 years of MOS experience) in the communications field in preparation for assignment to C4 planning billets. Chief Warrant Officers that have served in a progression of billets (10-12 years of MOS experience) in the telephone systems, tactical communications planning and systems engineering, or network operations and systems fields in preparation for assignment to military department of ministry of defense level staffs (G-9/J-6) are encouraged to attend this course. Collegiate-level communications courses are not an acceptable alternative, as they do not adequately prepare international military students for this course. A thorough understanding of the Marine Corps command relationships and organizational structure is mandatory.

CADET LEADERSHIP DEVELOPMENT-INFANTRY - MASL : B176230

Basic light infantry tactics; techniques, and skills; tactics portion includes basic light infantry squad and platoon operations; air-assault operations planning, and how to conduct military operations in urban terrain; mandated minimum of eight hours of instruction of human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

CAPTAINS CAREER-SPANISH - MASL : B171420

Foundation-building instruction in the fundamentals of leadership; training management; communications; land navigation, and military laws; extensive study of the battle operating system, to include intelligence preparation of the battlefield; logistics; combat engineer employment; use of indirect fire and close air support; civil affairs; tactical level of war and plan combat operations at the company and battalion level; brigade, airborne and air assault operations; tactical exercises without troops, supported by the JANUS combat simulations system, designed to reinforce the concepts of combined arms operations in a tactical environment under the law of land warfare; mandated 16 hours of instruction on human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

CARGO SPECIALIST - MASL : B153740

This course provides training in operating ships caro-handling gear; operating material-handling equipment (MHE), and cranes; loading procedures for shipment by air, rail, and motor; and lift-on/lift-off and roll-on/roll-off stevedoring operations aboard ship for vehicles, heavy lifts, containers, and general cargo.

CASUALTY TREATMENT FOR OFF - MASL : P175658

This course provides casualty treatment training to all Dental Corps Officers of the Navy and a refresher course at five year intervals. The training prepares Dental Corps Officers to assist in the health care support effort during national and local

emergencies. Students 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.

CASUALTY TREATMENT TRAINING - MASL : P175662

This course provides casualty treatment training to Dental Technicians. The training prepares Dental Technicians to assist in the health care support effort during a combat or civil emergency situation. Course material 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.

CATB OJT KUWAIT - MASL : B119923

This MASL is used when CATB OJT - Kuwait is programmed.

CAVALRY LEADER - MASL : B144293

Tactical employment of cavalry troops and squadrons in the role of economy of force and reconnaissance and security missions, planning and directing these operations; integration and synchronization of combat power and combat service support.

CAVALRY SCOUT BNCOC - MASL : B144581

In a combat simulated cavalry scout platoon environment: mine warfare; secure communications; tactical movements; demolitions; NBC; maintenance; safety; troop leading procedures; physical fitness training; training management; tactics; conduct of fire training (COFT); Bradley Fighting Vehicle (BFV) gunnery; Field Training Exercise (FTX); Common Leader Training (CLT); Common Military Training (CMT); and tactical seminars in a 24-hour a day NCO Academy environment. Small Group Instructional (SGI) model is employed throughout the course.

CC-AWC DISTANCE ED PROGRAM - MASL : P164009

AWSDEP is offered through correspondence courses and has been designed to parallel the resident AWS curriculum. The two phase program, emphasizing Marine Air-Ground Task Force (MAGTF) Organization, command and control, combined arms operations, and amphibious and expeditionary operations prepares officers to be commanders and staff officers at the battalion and squadron level. The Program of Instruction for AWSDE consists of six courses of study which include:

1. Warfighting
2. Command and Control
3. MAGTF in Offensive Operations
4. MAGTF in Defensive Operations
5. Expeditionary Operations
6. Military Operations Other Than War

Each course consists of individual lessons, practical exercises, and examinations. Courses must be purchased using a Foreign Military Sales case. Cost of the course is approximately $500. Sao\ s should include Distance Education Programs in the country training plans.

CD - COMB STRATEGY SECURITY OPERATIONS - MASL : P171493

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:

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

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

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 dis-enrolled 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:

CDLMS MAINTENANCE - MASL : P139233

This course is designed to provide personnel with basic knowledge of Link-16 and skills to perform Common Data Link Management System (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.

General knowledge in electronics

Security clearance of Secret

Normal color vision

Invitational Travel Orders (ITO) required

Minimum ECL Score of 70%

CE WORK PLANNING - MASL : D148189

This course provides training for Air Force personnel performing planner or estimator duties. Training includes planner responsibilities, facility file contents, work authorization, material and equipment, technical aspects of engineered performance standards, lump sum estimates, and Work Information Management (WIMS) (FEJE) estimation system.

CEC CONSTRUCTION BATTALION OPERATIONS - MASL : P174080

This course prepares the Officer and Seabee Chief Petty Officer for duty with a Naval Construction Force operating unit or training command. This intensive two week course covers Naval Construction Force mission, organizational structure and command relationships; planning, executing, and balancing mission requirements; leadership and the officer/chief relationship.

The course culminates with a group planned and presented Airdet sized deployment execution plan in support of contingency operations.

CEC OFFICER BASIC QUALIFICATION - MASL : P174052

This course is designed 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 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.

CENTRIFUGE-BASED FLIGHT ENVIRONMENT - MASL : P128101

This course is 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.

CH-46 SIMULATOR TRAINING - MASL : P119380

CH-46 simulator training.

CH-47 FLIGHT SIMULATOR - MASL : B219951

This MASL is used when CH-47 Flight Simulation training is required.

CH-47 FLIGHT SIMULATOR - MASL : B119991

This MASL would be programmed when CH-47 Flight Simulation training is required.

CH-47 FLIGHT SIMULATOR - MASL : B119963

This MASL is used when CH-47 Flight Simulator is programmed.

CH-47 HELO RPR (TRANS) - MASL : B141008

In this course the student learns to perform the duties of mechanic and crew chief; which include maintenance on the CH-47 Helicopters at AVUM, AVIM level facilities; removes, installs and inspects subsystem assemblies components; services and lubricants helicopter subsystems; performs scheduled inspections, safety practices and procedures; uses ground support equipment required for helicopter maintenance; identifies and maintains common, special and precision tools; uses technical manuals and other applicable publications associated with helicopter maintenance.

Soldiers selected for training must meet service-remaining obligation in accordance with AR 614-200, Chapter 4, para 4-6, J. Information on this course can be obtained by calling Training Operations Division, USAALS at DSN 826-6605 ext 3360 or comm 757-878-6605 ext 3360.

CH-47 HELO RPR SUPV BNCOC - MASL : B141842

This course is technical training in the aircraft maintenance management field is oriented toward developing skills and knowledge of aircraft maintenance management principles and procedures. The student is provided with the training required to successfully perform the supervisory and technical inspector (TI) duties required of MOS 67U/15U30.

CH-47A/B/C MAINTENANCE MANAGER/TP-TR - MASL : B141772

This course is based on tasks that are specified for Skill Level 1 training; also covers subjects (Not found in the trainer's guide.) considered necessary for student understanding and proficiency in Power plant Repair.

CH-47D AVIATOR QUALIFICATION - ALL - MASL : B115007

This course is designed to provide the student with the necessary skills and knowledge required to achieve pilot qualification in the CH-47D helicopter. Includes training in the mental and physical skills required for this accomplishment of pilot duties through instruction in aircraft systems, navigation and command instrument systems, combat skills, flight training, mission planning, and safety. Aviators who are not night vision device (NVD) qualified will receive NVD qualification in the CH-47D. Aviators not NVD qualified will receive NVD familiarization based on proficiency.

CH-47D AVIATOR QUALIFICATION - EN - MASL : B115012

This course is designed to provide the student with the necessary skills and knowledge required to achieve pilot qualification in the CH-47D helicopter. Includes training in the mental and physical skills required for this accomplishment of pilot duties through instruction in aircraft systems, navigation and command instrument systems, combat skills, flight training, mission planning, and safety. Aviators who are not night vision device (NVD) qualified will receive NVD qualification in the CH-47D. Aviators not NVD qualified will receive NVD familiarization based on proficiency.

CH-47D FLIGHT ENGINEER INSTRUCTOR - MASL : B115030

This course provides flight and academic instruction in preflight, in-flight, and post flight tasks; tactical flight training tasks; aircraft systems; aviation medicine; night vision goggles; and aviation safety subjects. Student will receive academic and flight methods of instruction training.

CH-47D INSTRUCTOR PILOT - MASL : B115006

This course consists of CH-47D IP training and N/NVG training, flight and academic training in day VFR and night VFR tasks. The tasks will include before-flight, basic flight, approach/landings, and emergency tasks, academic instruction, and practical application of CH-47D aircraft systems subjects.

CH-47D IP MOI - ALL - MASL : B113018

This course provides CH-47D IP training and N/NVG training, flight and academic training in day VFR and night VFR tasks. The tasks will include before-flight, basic flight, approach/landings, and emergency tasks, academic instruction, and practical application of principles application of CH-47D aircraft systems subjects.CH-47D IP training and N/NVG training, flight and academic training in day VFR and night VFR tasks. The tasks will include before-flight, basic flight, approach/landings, and emergency tasks, academic instruction, and practical application of principles application of CH-47D aircraft systems subjects.

CH-47D MAINTENANCE TP W/FL - MASL : B141804

The goal of this course is to provide information and training on the CH-47D (712/714 engine) Maintenance Troubleshooting and test flight procedures.

CH-47D MTP W/O FLY - ALL - MASL : B141847

The goal of this course is to provide information and training on the CH-47D (712/714 engine) Maintenance Troubleshooting and test flight procedures.

CH-47D SIMULATOR - KOREA - MASL : B119905

This MASL is programmed when CH-47D Flight Simulation training for Korea is required.

CH-47D/F HELICOPTER REPAIRER - MASL : B141760

This course's basic emphasis is on aircraft technical maintenance training and safe maintenance practices. Instruction covers aircraft maintenance procedures to provide the student with the skills and knowledge necessary to perform CH-47 maintenance. Training includes replacing system and subsystem assemblies and components; servicing and lubricating components and obtaining oil samples; performing limited maintenance operational checks, scheduled inspections, and troubleshooting; using and maintaining ground support equipment and common, special, and precision tools required for maintenance and ground handling; using applicable forms, records and publications; and using the Unit Level Logistics System - Aviation (ULLS-A).

CHAPLAIN CAPTAINS CAREER - MASL : B171652

This course provides advanced skills and knowledge supporting the performance of critical tasks for chaplain staff supervision and brigade chaplain staff officer responsibilities. The program trains leadership, ethics, administration, staff supervision of ministry in the military environment, combat and tactical functions, appropriated and non-appropriated funds management, and other branch unique or common tasks. Training is battle focused and scenario-driven through the use of small group instruction.

CHAPLAIN OFFICER BASIC - MASL : B169536

This course provides basic skills and knowledge for assigned duty positions in battalion staff officer responsibilities, basic military skills, administration, pastoral ministry in the military environment, basic leadership, ethics, pastroal counseling and branch unique training for battalion chaplains.

CHEMICAL OFFICER ADVANCED - MASL : B171660

The goal of this course is to provide learning activities that will further officer skills and knowledge in leadership, management, written and oral communications, combined arms doctrine/fundamentals, staff procedures, nuclear, biological, chemical (NBC) reconnaissance and decontamination operations, smoke operations, radiological safety, and chemical and nuclear target analysis.

CIVIL AFFAIRS QUALIFICATION - MASL : B173637

In this course students learn to prepare, execute, and transition civil affairs (CA) activities and civil-military operations (CMO) and a field training exercise (FTX).

CIVIL MILITARY OPERATIONS-SPANISH - MASL : B173015

This course provides training in Military civic action; the proper role of the military in support of civilian authority, civil defense, disaster relief, and CMO support to counterdrug activities; various in-depth case studies which are used to enhance student awareness of effective CMO activities; each student integrates a mandated minimum 12 hours instruction of human rights; the rule of law; due process; civilian control of the military; and the role of the military in democratic society.

CIVILIAN CONTRACTOR TRAINING - MASL : P179183

This course was 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

CIWS MK-15 MOD 11/14 OP/MT - MASL : P134276

This course 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. Training 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..

CIWS MK-15 MOD 11/14 OP/MT - MASL : P134171

This course 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. Training 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.

CMBT SYSTEMS OFFICER (CSO) UPGRADE - MASL : D114047

This course is designed to qualify USAF rated officers as Combat Systems Officers capable of entry into follow on operational aircrew upgrade training. Students must have completed N-V4C-P(Primary Combat Systems Officer), Q-2D-0055(Strike Fighter), Q-2D-0056(Strike) or N-V4R-N-1 through N-V4R-N5 (JSUNT). Students receive in depth training in the following areas: Air Defense Systems, Electronic Warfare Support, Self Protection and Suppression of Enemy Air Defenses.

Graduates are certified as Combat Systems Officers.

CMBT SYSTEMS OFFICER (CSO-NAVY) - MASL : D114048

This course provides initial Combat Systems Officer Primary syllabus training course provides basic navigational and electronic warfare skills. Training consists of academics, simulator, and flight training.

CMDR AMPHIB TASK/F SURGEON - MASL : P175310

The goal of this course is 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). The program 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.

CNTRTERRORISM FELLOWSHIP PROGRAM - MASL : B17174T

SNSEE's International Counterterrorism Fellowship Program is the flagship educational institution of the Regional Defense Counterterrorism Fellowship (RDCTF) program. Under the oversight of the Office of the Assistant Secretary of Defense for Special Operations and Low Intensity Conflict (OASD SO/LIC), the program offers counterterrorism specialists a strategic perspective on a rapidly changing world. Courses address the global threat and its various manifestations including the modes, means, roots and potential responses to transnational terrorism, as well as discuss counterterrorism proponents and state sponsors of terrorism. Students, through seminar participation and independent study, develop strategies for working with the United States and other members of the anti-terror coalition to deter, preclude, minimize, respond to, combat, and defeat global terrorism. The curriculum also addresses the threat posed by weapons of mass destruction in the hands of terrorists, and allows students to devise strategies to counteract this menace. Starting in Academic Year 2006-07, the SNSEE course will be structured to award a Master of Arts in Strategic Security Studies with a concentration in counter terrorism, pending approval by the Department of Education and the requisite authorizing legislation.

COLD WEATHER MEDICINE - MASL : P175228

COLD WEATHER MEDICINE

To provide medical personnel assigned to combat units with the necessary knowledge and practical experience to effectively participate as operations support personnel in a cold weather mountainous environment.

This course of instruction is designed to bring the students to a high standard of technical and tactical proficiency peculiar to a cold weather environment. The course subjects cover movement, survival, bivouacs, leadership and discipline, diagnosing, treating and preventing high altitude, cold weather related illness and injuries, and techniques of transporting casualties in a snow covered mountainous environment.

Notes: Students attending this course must be military medical personnel. They must not be on cardiovascular medication or have sickle cell anemia traits, and must score an outstanding on their most recent physical fitness test, and be free of chronic or acute orthopedic injuries.

COMBAT CASUALTY CARE - MASL : B175281

The Combat Casualty Care Course (C4) is a tri-service, continuing medical education course designed to enhance medical readiness of physicians, physician assistants, nurses, and dentists by providing training in field leadership, knowledge and skills that may be necessary for direct medical support in conditions related to any combat condition. The course contains training on Contemporary Operational Environment and humanitarian issues. Training is based on a multi-phased scenario-based operation escalating to a high-intensity conflict testing first and second echelons of care capabilities.

COMBAT ENGINEER BASIC - MASL : P121018

The course focuses on teaching basic combat engineering skills to entry-level enlisted students. U.S. Marine Corps students are not expected to have prior knowledge of combat engineering or practical experience. They are expected to have completed basic training and the Marine Combat Training course. General engineering topics covered include wood frame construction; concrete mixing and placement; and concrete block construction. Students are introduced to engineer hand tools and equipment, including chainsaws. Combat engineering topics covered include the use of pneumatic and hydraulic tools; the construction of log and wire obstacles; bunker construction; military demolitions; mine warfare; and basic mine detector operation.

During the course, students receive classroom training followed by instructor demonstration and practical application periods. For the majority of lessons within the course, each student is tested for proficiency through either a practical examination or a written examination.

Corporal (E4) and below.

Hazardous duty required. Because of the nature of this course, must be able to pass the Marine Corps PFT.

This course is a physically demanding course.

COMBAT ENGINEER NCO COURSE - MASL : P121017

The course consists of instruction in engineering subjects relating to mobility, counter-mobility, survivability, and general engineering. Instruction includes: reconnaissance, engineer equipment, bridging, demolitions, mine warfare, obstacles, field fortifications, horizontal and vertical construction, and management techniques.

Because of the nature of this course, must be able to pass the Marine Corps PFT. This is a physically demanding course. IMS must be authorized to participate in Hazardous Duty.

Corporal through staff sergeant (E-4 - E6).

It is necessary to be a graduate of the basic combat engineer course (MASL M03ACS2, P121017) or have prior equivalent experience. This is not a basic course. Because of the nature of this course, must be able to pass the Marine Corps PFT.

This is a physically demanding course. IMS must be authorized to participate in Hazardous Duty.

COMBAT ENGINEER OFFICER USMC - MASL : P121802

This course provides Military Occupational Specialty (MOS) training for basically trained Marine officers in order to produce combat engineer officers. Instruction in supervisory level operational and planning skills, tactical and technical training in mobility, counter-mobility, demolition survivability, and general engineering operations is provided.

Second Lieutenant - Captain (O-1 - O-3).

This is a physically and mentally demanding course.

Hazardous duty required. Because of the nature of this course, must be able to pass the Marine Corps PFT and have the equivalent of six months of Military training in leadership and basic military operations.

The focus of this course is on engineering operations in support of expeditionary operations, it is most appropriate for engineers of ground components.

COMBAT LOGISTICS - MASL : D178144

This course addresses the roles and responsibilities of logisticians in support of combat, peace, and humanitarian operations. The focus is on logistics at the operational and tactical levels of war. The course addresses how Air Force logisticians, together with other combat support forces, create and sustain capability in a joint theater of operations. This course is designed for personnel assigned to maintenance, supply, transportation, contingency contracting, and logistics plans positions at base-level through joint and unified commands. The course is also suited for personnel in other positions (i.e. civil engineering, services, security, intelligence, and operations planning) who must have knowledge of or interact with combat support and combat sustainment operations.

The course is not designed for personnel in the wholesale acquisition career field. The course combines combat logistics history with current issues and dynamics. Methods of instruction include informal lecturers, guided discussions, a planning exercise, and a literary analysis.

The course is structured to achieve the following objectives:

1. Provide an orientation of wartime roles and responsibilities of Air Force logisticians
2. Provide an overview of these roles and responsibilities integrated into the larger context of DOD and USAF wartime preparation
3. Analyze and discuss the application of the principles of logistics in combat, peace, and humanitarian operations
4. Investigate how the application of the principles of logistics support the principles of war
5. Provide an anchor for subsequent on-the-job training and professional education for the Air Force logistician

COMBAT SIGNALER - MASL : B132461

Students in this course perform aviation intermediate maintenance on avionic communications equipment, to include very high frequency, amplitude modulated, frequency modulated, ultra high frequency, and aircraft intercommunications control systems, and radio sets with frequency hopping capabilities. Troubleshoot malfunctioning equipment, using common and specialized hand-tools and test equipment.

THIS VARIATION IS EQUIPMENT ONLY.

COMBAT SURVIVAL TRAINING - MASL : D121001

The goal of this course is to train aircrew and other designated personnel in parachute descent procedures and employment of principles, procedures, techniques, and equipment that enhance survival, evasion, resistance, and escape (SERE) prospects, regardless of climatic conditions or hostile environments. Its objective is to facilitate their return with honor to friendly forces without rendering aid or comfort to an enemy, with or without organized recovery.

COMBAT SYSTEM INDOCTRINATION (KS) - MASL : P179361

Through classroom presentation, this course covers the functions of all GIS Combat System elements, as well as high-level overview of each warfare area, regarding detection, control and engagement of air, surfce, and subsurface targets. Emphasis is

placed on anti-air warfare (AAW), including the Radar System, C&D and WCS. This course provides the context for subsequent classroom and non-classroom training.

Max number of students: 24

General knowledge of electronics.

Normal color vision.

Invitational Travel Order required.

Successful completion of the UNIX for SOLARIS/LAN Overview Course

COMBINED LOGISTICS CAPTAINS CAREER - MASL : B171727

Doctrine and instruction in rail operations, motor transport, and marine terminal operations, movements management and power projection.

COMBINED LOGISTICS CAPTAINS CAREER - MASL : B171240

This course provides ordnance branch specific training that is required for the types of positions that they will be filling upon completion of CLOAC. The program includes maintenance and class IX management, wholesale logistics overview, and technical department training.

COMBINED LOGISTICS CAPTAINS CAREER - MASL : B171360

Phase 3 equips students with skills and knowledge necessary to perform duties as a staff officer on a multifunctional logistics staff. Concentration is on CSS functions (supply, field services, human resources, transportation, combat health support, maintenance, ammunition and explosive ordnance disposal) and logistics support operations.

COMBINED LOGISTICS CAPTAINS CAREER - MASL : B171546

Phase 3 equips students with skills and knowledge necessary to perform duties as a staff officer on a multifunctional logistics staff. Concentration is on CSS functions (supply, field services, human resources, transportation, combat health support, maintenance, ammunition and explosive ordnance disposal) and logistics support operations.

COMBINED LOGISTICS CAPTAINS CAREER - MASL : B171545

This course provides branch specific technical functions in the area of materiel management; logistics automation; petroleum management; subsistence management; airborne and field services; mortuary affairs operations; officer professional development, and Military Operations Other Than War (MOOTW).

COMBT CONTROL S/A TRAINER - MASL : P121310

The goal of this course is to provide Combat Control Training to submarine Section and Fire Control Tracking Parties.

Students will learn to Input scenarios for submarine units to track, trail and engage targets, as well as provide communication and equipment operations simulating actual submarine control centers.

Student must possess a Secret Clearance in order to access the facility where training takes place.

COMM BATTLESPACE MGMT CRS - MASL : D132110

The Advanced Comm Officer Training (ACOT) seminar is the professional development school for intermediate-level C&I officers and civilian equivalents in the 33S career field. The course provides knowledge and skills necessary to perform duties of Communications and Information Officer at the field grade level. It presents current and emerging communications and information programs, initiatives and technologies impacting the Department of Defense total force concept for the communications and information warrior in a fixed and deployed environment. Refer to AFCAT 36-2223 for attendance criteria.

Upon graduation students will be able to:

1. Communications Issues

   a. Develop an executable Annex K that explains the war fighters use of communications and information systems in expeditionary operations.

   b. Discuss Air Force, Joint, and Information Operations doctrine and resulting issues.

   c. Discuss the Communications Squadron Commanders role and issues they face.

   d. Discuss C4 organizations, systems and networks supporting base ops in an in-garrison environment and resulting issues.

   e. Discuss the base level and unit level budgeting process and resulting issues.

f. Discuss the functions and responsibilities of STEMs and resulting issues.

g. Discuss the roles, responsibilities and employment of ANG and AFRC and resulting issues.

2. Information Operations

a. Discuss information operations and network security operations issues.

3. War-fighting Integration and Architectures

a. Discuss emerging technologies, communications integration and interoperability issues.

b. Discuss spectrum management concepts and the roles of various agencies involved in spectrum management.

4. Expeditionary Warfare Support

a. Discuss communications and information issues involved in the deliberate and crisis planning process.

b. Discuss issues involved within the C4 organizations, systems and networks supporting base ops in a deployed environment.

c. Discuss the issues of consolidating the sensors, systems and components that form the Air Picture within the Joint Air Operations Center (JAOC) to speed up the kill chain (F2T2EA).

d. Discuss the issues faced in providing SatCom to deployed forces to include the impact of command, control, communications computers, intelligence surveillance and reconnaissance (C4ISR).

e. Discuss the issues faced by the Joint Interface Control Officer (JICO) in providing Tactical Data Interface Links (TADIL).

f. Discuss communications and information issues when working in joint, combined and coalition operations.

5. Scope Falcon

a. Discuss issues related to Scope Eagle level concerns.

1. Speakers are to discuss issues facing them as commanders.
2. Speakers are to provide a strategic view of what is happening to the C&I career field in general.

COMM CABLE/ANTENNA SYS APP - MASL : D132113

The course trains students to perform duties prescribed in AFMAN 36-2108 for Communications Cable and Antenna Systems Apprentice. Training includes an introduction to cable and antenna systems fundamentals; installing, maintaining, reconstituting, removing and modifying copper core, coaxial and waveguide for cable and antenna systems; antenna principles; antenna tower assembly, erection, alignment and maintenance; splicing and sealing communications cables using splice closure methods; fabrication, installation, and maintenance of antenna guys; spicing meteorological and coaxial cables; installation, splicing and testing procedures for rial, underground and buried cable systems; R-F transmission line installation and maintenance; cable fault location; cable pressure systems; cable plant performance testing; installing and maintaining LAN/WAN Distribution Systems including interior wiring; fiber optic splicing procedures; Communications link troubleshooting and restoration; and Certification in pole and antenna climbing.

COMM/NAV SYS SPECL - MASL : D133066

This course trains students in the following areas: Introduction to the 2A5X3A career field, general aircraft maintenance practices, safety, security, technical order systems, supply principles, and avionics systems. It also provides training on the fundamental theory of operation and maintenance on avionics systems power distribution, communication systems, dependent navigation systems, independent navigation systems, on-board built in test equipment, system control and displays, computational/mission systems, radar systems, photographic and sensor systems. The course depends heavily on the practical application of technical orders (TO), systems trainers, and grounded instructional training aircraft (GITA) to reinforce basic system principles and maintenance practices. This is a course number conversion of Sheppard AFB, TX course J3ABR2A533A 003, Communication/Navigation/Mission Systems Apprentice, PDS Code C70.

COMMAND AND STAFF COLLEGE USMC - MASL : P171801

The goal of this course is to provide intermediate, advanced intermediate and senior level professional military education for field grade officers of the Marine Corps, other services and foreign countries; to prepare them for command and staff duties with Marine Air-Ground Task Forces with emphasis on amphibious operations and for assignments with joint and combined organizations. The intent of the curriculum based on the mission statement is to provide officers with an understanding of the interrelation of the strategic, operational and tactical levels of war within a joint and/or a combined environment and by adapting doctrine and techniques to the changing conditions of warfare, the ability to out-think and out-fight any opponent.

The course is presented in the setting of a "Field Grade Officers Workshop" wherein the emphasis is on producing a well rounded, physically fit, combat ready officer. It includes programs in health and physical fitness (both team and individual), leadership, history and amphibious operations and confronts the students with situations requiring them to solve problems of the type they can expect to encounter in assignments both in and out of the Fleet Marine Force. Formal instruction is primarily of the integrated problem type requiring individual or group application. The course stresses the planning for and the conduct of force-in-readiness operations by the Marine Air/Ground Task Force in all environments and in limited high intensity war situations.

The focus is the development of an officer who understands the capabilities and potential roles of the MAGTF at the operational level of war and how to best task organize, deploy and employ these forces in any tactical environment across the spectrum of conflict. The role of the Marine Corps landing force in amphibious operations as a component of the balanced Fleet is emphasized. In addition, the course addresses staff, joint and amphibious planning; warfighting philosophies, concepts and strategy; military justice; low intensity conflict; computer use and simulations; oral and written communications; and includes a guest lecture program.

COMMAND LEADERSHIP - MASL : P171030

The goal of this course is 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.

COMMUNICATION INFORMATION SYSTEMS OFFICER - MASL : P139400

The Basic Communication Officer Course (BCOC) is a 23-week program of instruction that provides leadership and professional training in the planning and employment of tactical communications systems in order to prepare company-grade officers for entry-level billets in the Operating Forces. Core curriculum areas include communications theory, single-channel radio networks, tactical telephone switching systems, tactical data networks, tactical multi-channel radio systems, and communications planning.

BCOC is designed for company grade officers (O1 to O3) that have completed the Basic Officer Course (MASL 179250) or an equivalent host-nation course and will fill tactical communications billets (S-6).

A waiver is required for officers in grades higher than O3.

COMMUNICATIONS - MASL : D133022

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student’s country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

COMPUTER ENG COURSE - MASL : D155049

This course is designed to provide education for Air Force personnel with AFSC 33SXA and international officers trained under the provisions of the Air Force Security Assistance Program in the knowledge and skills necessary to perform duties of Communications Engineering Officer. It presents current and emerging communications and information programs, initiatives and technologies impacting the Department of Defense total force concept for the communications and information warrior in a fixed and deployed environment. Upon graduation students will be able to:

- ENGINEERING FACTORS: Predict reliability and maintainability of communication systems. Design communication links to achieve a specified grade of service by applying basic queuing theory.
- COMMUNICATIONS LINK ENGINEERING: Calculate parameters required to set up a high frequency communication link. Calculate parameters required to set up a microwave communication link. Calculate parameters required to set up a troposcatter communication link. Calculate parameters required to set up a satellite communication link. Identify the primary wing communications and information requirements to support a typical theater air base in a deployed environment. Demonstrate site survey and equipment sitting techniques required to establish a reliable tactical communications link. Create a multiplexing plan using current Air Force tactical

transmission assets for typical expeditionary wing operation. Create a communications package to support operation in a typical theater air base contingency in a deployed environment.

- NETWORK ENGINEERING AND ANALYSIS: Design a secure network enclave within a non-secure network. Describe the primary hardware and software tradeoffs associated with designing a base backbone network within a limited budget, to include consideration of quantity, capability and capacity of associated subsystems. Apply modeling and simulation software/ methods to evaluate performance of a proposed network technical solution. Isolate and correct network problems using network analysis tools and techniques. Construct a technical solution for a user"s requirements using network engineering principles.
- ENGINEERING AND INSTALLATION: Perform an engineering site survey for a user communications requirement. Write a Project Support Agreement to satisfy a user requirement. Construct an installation project package to fulfill a user requirement. Explain the functions and responsibilities of the STEM B/C. Explain the purpose and processes of the base C&I blueprint.

COMPUTER TECH/SYSTEMS/GRAD - MASL : D178096

This course is for the student seeking a major in Computer Engineering is provided with a concentration across a wide range of courses including formal computer languages, objected-oriented programming, structural programming, data structures, algorithm design, complexity analysis, computer operating systems, computer graphics, optimization techniques, artificial intelligence, distributed and parallel software design, and the spectrum of applications. This curriculum encourages the student to pursue a variety of specialties which are covered in depth with additional special-study courses to study emerging technology and its application to problem solving. Applicants for the computer engineering program should hold an ABET-accredited Bachelor of Science degree in electrical engineering (with a digital emphasis).

COMSEC MT (Deact-SeeTCC) - MASL : P137158

The goal of this course is to provide Electronics Technicians, Cryptologic Technicians (Maintenance), Aviation Electronics Technicians, selected Department of Defense (DOD) civilian personnel and foreign military personnel with the knowledge and skills required to perform limited maintenance on the AN/USC-43V(), TSEC/KY-57&58, and the TSEC/KG-84 Family equipment at an organizational maintenance level.

SCOPE:

Training includes the operation, preventive and corrective maintenance, and the replacement of equipment, assemblies, and subassemblies as specified in related operation and maintenance manuals and security of classified materials as specified in OPNAVINST 2221.3 series.

CONTR C3 TRNG - MASL : P179504

Contractor provided C3 training.

CONTR E2 OJT - MASL : P179584

The purpose of this course is to provide E-2C on-the-job operation and maintenance training at Northrup-Grumman Corporation.

CONTR E2 S/W - MASL : P179511

E-2C HAWKEYE MISSION COMPUTER SOFTWARE TRAINING PROGRAM.

CONTR FLIGHT SAFETY TRAINING - MASL : P179970

Training at various locations to include: B-300 King Air 350; PA-31 (NAVAJO 325); Turbo Commander 840; and Bell 412.

CONTR HARPOON PROG-WEAP ST - MASL : P179458

Contractor HARPOON PROG-WEAP ST

CONTR JCPTS TRAINING - MASL : P179302

Contractor JCPTS training.

CONTR SH-2G(E) FLIGHT TRAINING - MASL : P179461

The purpose of this course is to provide flight training to the aircrews and pilots of the SH-2G helicopter.

CONTR TRNG - MARCORPS - MASL : P179950

Miscellaneous contractor support training.

CONTRACT ATTORNEYS COURSE - MASL : B176567

The focus of the symposium is to update government attorneys on significant changes in government contract law and policy by providing attendees the opportunity to obtain the view of prominent individuals from the government and private sectors. The course features guest speakers and seminars with emphasis on the following: new developments; reiteration of selected contract topics; and policy insights. The symposium serves as the focal point for the continuingeducation needs of program manager attorneys and includes seminars designed to meet the interests of senior military and civilian attorneys.

CONTRACT/SPECIAL (ECL70SR) - MASL : D147054

Contractor provided training that requires a 70 ECL with required Specialized English Training (SET). Specific contractor training course title should be reflected on the applicable student training track/line (wcn/suffix)

CONTRACT/SPECIAL (ECL75) - MASL : D147052

Contractor provided training that requires a 75 ECL. Specific contractor training course title should be reflected on the applicable student training track/line (wcn/suffix)

CONTRACT/SPECIAL (ECL80) - MASL : D147051

Contractor provided training that requires a 80 ECL. Specific contractor training course title should be reflected on the applicable student training track/line (wcn/suffix)

CONTRACT/SPECIAL (ECL80SR) - MASL : D147055

Contractor provided training that requires a 80 ECL with required Specialized English Training (SET). Specific contractor training course title should be reflected on the applicable student training track/line (wcn/suffix)

CONTRACT/SPECIAL (ECL85) - MASL : D147058

Contractor provided training that requires a 85 ECL. Specific contractor training course title should be reflected on the applicable student training track/line (wcn/suffix)

CONTRACT/SPECIAL TRAINING - MASL : D147056

Contractor provided training. Specific contractor training course title should be reflected on the applicable student training track/line (wcn/suffix)

CONTRACTING OFFICER REPR - MASL : B154825

This course provides the student with an overall view of the contracting process, with the major emphasis in contract administration. ALMC DOES NOT CERTIFY individuals to be CORs.

CONTRACTOR SUPPORT - PSW - MASL : P366CS6

Contractor Support - PSW

CONTRACTOR SUPPORT TRAINING - MASL : P179020

Miscellaneous contractor support training.

CORROSION CONTROL TECHNICIAN - MASL : D141282

This course is designed to train maintenance personnel in the fundamentals of corrosion control. Students learn procedural requirements for the detection, prevention, and treatment of corrosion on aircraft and equipment. Focus is placed on safety, proper technical order usage, and surface preparation. Finally, students will learn the fundamentals of painting aircraft parts. Students are required to pass a written and performance progress checks at the end of each block prior to advancement to the next block of instruction.

- BLOCK I FUNDAMENTALS This block begins with a course orientation, where students learn about the academys policies, programs, and academic objective requirements. They will learn the fundamentals of ground safety, personal protection, fire prevention, use and storage of chemicals. Students are taught how to identify and use technical orders. Students will learn of the environmental impact of improper corrosion control practices. They will discuss the characteristics of metals. Additionally, students will learn the factors, types of corrosion, and the effects of corrosion on all aircraft structural surfaces.
- BLOCK II CORROSION REMOVAL AND SURFACE TREATMENT Cleaning methods are explained and taught according to technical orders. Students are taught treatment of metals, inspection techniques and corrosion removal procedures using mechanical and chemical methods. Additionally, students will discuss the correct procedures and methods of storage and disposal of chemicals.

- BLOCK III APPLICATION OF COATINGS Students will learn about the compatibility and composition of coatings. They will practice the care and correct usage of painting equipment along with the latest painting techniques. Finally, according to technical order procedures students will apply polyurethane coating on training parts.

COUNTERDRUG INFO ANALYST - MASL : B129202

This course provides training for basic intelligence duties and responsibilities in tactical intelligence; intelligence preparation of the battlefield; internal defense and development; security of operations; analysis techniques; operate in a joint intelligence center; mandated minimum of 12 hours of instruction on human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

COUNTERDRUG OPS-SPANISH - MASL : B121427

This course provides comprehensive and specialized training in counterdrug interdiction operations at the detachment, platoon, and company level; emphasizes staff planning and command and control during effective execution of counterdrug operations against realistic targets and objectives; advanced marksmanship with both rifle and pistol; precision operations in urban environments; riverine operations; development of intelligence packets in support of counterdrug operations; intelligence preparation of the area of operations; physical fitness; unarmed restraining and disarming techniques; explosive and ballistic building entry techniques; land navigation; communications; staff organization and planning; special infiltration and exfiltration techniques; clandestine airfield interdiction techniques; drug laboratory destruction and safety considerations; evidence handling; treatment and handling of suspects; tactical patrolling operations; leadership; planning; command and control in urban or rural permissive counterdrug environment; Minimum 12 hours instruction of human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

COUNTRY LIAISON OFF-SPANIS - MASL : B179110

This MASL is used when training is programmed for liaison officer.

CPO ACADEMY – COAST GUARD - MASL : P171302

This course teaches management of organizational behavior, management principles, leadership, personal and physical development, written and oral communications, interpersonal relationships, teambuilding, and human resource development. This course is required before USCG E-7s can be promoted to E-8. Students typically have 12-14 years service including positions with supervisory experience. Classroom instructional methods include lectures, discussion, role-playing, case studies, and problem solving.

CREW RESOURCE MANAGEMENT INSTRUCTOR - MASL : P115025

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).

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.

CRIMINAL INVESTIGATION - MASL : B173580

This program trains enlisted personnel to the level of probationary CID special agents in the subjects of criminal law, crime scene processing, testimonial evidence, investigations of crimes against persons and property, physical evidence, drug investigation, fraud and waste, investigative reports, special investigative techniques, protective services, and the provisions of CIDR 195-1.Trains enlisted personnel to the level of probationary CID special agents in the subjects of criminal law, crime scene processing, testimonial evidence, investigations of crimes against persons and property, physical evidence, drug investigation, fraud and waste, investigative reports, special investigative techniques, protective services, and the provisions of CIDR 195-1.

CRIMINAL LAW NEW DEV CRS - MASL : B176555

Scope: This course focuses on developments during the past term of court in the following areas: military criminal procedure; substantive criminal law; professional responsibility; evidence; and advocacy.

CRITICAL CARE AIR TRANSP - MASL : D175141

The Critical Care Air Transport Team Course is a 10 day course which is designed to prepare AD, ANG or AFRES commissioned officers and enlisted personnel performing duty in AFSC 46XX, 45XX, 44XX, and 4H0X1 and assigned to Critical Care Air Transport Team Unit Type Codes to meet wartime mission of caring for critically ill and injured patients in the medical evacuation environment.

CRITICAL CARE NURSING - MASL : B175305

Course instruction is presented through lectures, conferences, discussion, practical exercises, examinations, and clinical practicum. Major areas of instruction include fundamentals of Critical Care to include the aspects of nursing in the following areas: respiratory, basic cardiovascular, advanced cardiovascular, acute renal failure, hepatic disorders, hematology/oncology, neurological and endocrine, trauma management, pediatrics, infectious disease, OB/GYN and genitourinary, eye, ear, nose and throat, musculoskeletal, environmental, integumentary, psychological/psychiatric, and core emergency care across the life span in any critical care setting. Portions of this course are jointly instructed with the 6F-F6 Emergency Nursing Course at BrookeAMC. The courses (6F-F5 and 6F-F6) run concurrently and are jointly resourced.

CRITICAL INFO SYS TECH - MASL : B155425

This course probes the rapid advances in all aspects of information systems technology from the perspective of both the functional and the information resources manager. The course provides an overview of both the current state-of-the-art and the trends in information systems technology with particular attention to software development technologies, data management, computer systems hardware, human-computer interfaces, voice recognition, natural language understanding, collaborative technologies, telecommunications technologies, and electronic commerce technologies. It concludes with a group exercise designed to determine how a CIO can address the issues these technologies introduce within an organization.

CSCDEP FINAL RESIDENT SMNR - MASL : P171851

COMMAND & STAFF DISTANCE EDUCATION PROGRAM, MID-RESIDENT SEMINAR

This the FINAL resident portion of the 1-year program. Other MASLs required: P171850 and P471850.

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/miltinational environment.

MAGTF Expeditionary Operations (8906): Marine Air-Ground Task Force (MAGTF) Expeditionary Operations focuses on the concepts, considerations, and procedures attendant to the task organization, deployment, and employment of a MAGTF. It provides an overview of offensive and defensive operations and inserts a case study on the Korean War. The course provides an understanding of expeditionary maneuver warfare, the organization and types of Marine air-ground task forces (MAGTFs), operational concepts, single-battle, and force deployment planning and execution, as well as logistics, command and control, intelligence, and fire support to the MAGTF. A sound knowledge of the Marine Corps concept of warfighting, its organization, and how it conducts operations, provides the basis for understanding Marine Corps contribution to joint operations.

Amphibious Operations (8907): Amphibious Operations examines the different types of amphibious operations and current joint landing force doctrine. The course discusses the MAGTFs role in a joint environment within the context of operational and strategic planning in support of amphibious operations. The goal of this course is to enable you to become competent and confident enough to participate in a planning cell of any type (joint, combined, Service, etc.) and discuss and plan for amphibious operations. You will be able to understand the kinds of interactions that will occur between planners of different staffs, to identify amphibious planning considerations, to understand the amphibious planning process, and to contribute immediately to the joint planning and execution effort.

Operations Planning (8908): The Operational Planning course is the culminating course for the CSCDEP. It teaches military operational planning using the Marine Corps Planning Process (MCPP), which is based on the MCWP 5-1 (Marine Corps Planning Process) and MCDP 1-0 (Operations). Operational Planning offers the student the most current information on Marine Corps planning and real world planning lessons learned. The main focus of this course however, is the opportunity each student is given to develop planning products for an operations plan, based on a realistic operational scenario, using everything learned in the program. The practical exercise is imbedded throughout the course.

PREREQ: Offered to Officers O-4 and above, active and reserve, civilians employed by DOD GS-12 and above, and approved IMS.

TOTAL COURSE DURATION: 1 year.

Graduation: The graduation ceremony for this program is conducted in conjunction with the resident Command and Staff College graduation ceremonies. Each student from both the resident school and this program will have their diplomas presented by the distinguished guest, the Director of the college, and the President of the Marine Corps University.

CSCDEP INIT RESIDENT SMNR - MASL : P171850

COMMAND & STAFF DISTANCE EDUCATION PROGRAM, INITIAL RESIDENT SEMINAR

This the initial resident portion of the 1-year program. Other MASL s required: P471850 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.

Theory and Nature of War (8901): This course introduces students to important military theory and describes its impact on how we conduct war. The student will read selected works of histories greatest military theorists and then compare and contrast their theories. By applying these theories to selected eras and events in military history, students will be able to analyze the evolution of warfare from the 17th century to the present, and recognize and describe the nature of change in the characteristics of war in selected time frames. This course also discusses the concept of an "American way of war" and how it helped frame how Marines think about and conduct war.

National and International Security Studies (8902): This course imparts in students the requisite knowledge of the national security structure expected of field grade officers operating in a joint environment. Officers at this level can expect assignments that require not only knowledge of the national security environment, but the ability to synthesize that knowledge (the means) in order to develop and convey strategies (the ways), which lead to the accomplishment of complex tasks (the ends). The Theory and Nature of War course provided the foundation for this course, while the Operational Level of War course will utilize what is learned here to facilitate a better understanding of the application of the military instrument of national power.

PREREQ: Offered to Officers O-4 and above, active and reserve, civilians employed by DOD GS-12 and above, and approved IMS.

TOTAL COURSE DURATION: 1 year.

Graduation: The graduation ceremony for this program is conducted in conjunction with the resident Command and Staff College graduation ceremonies. Each student from both the resident school and this program will have their diplomas presented by the distinguished guest, the Director of the college, and the President of the Marine Corps University.

CSCDEP ON-LINE SEMINAR - MASL : P471850

COMMAND & STAFF DISTANCE EDUCATION PROGRAM, NON-RESIDENT SEMINAR

This is the ON-LINE portion (or Non-Resident) 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 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.

CT-COMBATING TERROR/DEMOC - MASL : P179018

LODGING NOT INCLUDED IN FY07 TUITION PRICE.

EFFECTIVE 01 APR 06 BUT ONLY UNTIL 09/30/06): 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

The Center for Civil-Military Relations (CCMR) conducts a two-week Regional Defense Counterterrorism Fellowship Program (CT Fellowship) course entitled Civil-Military Responses to Terrorism. Programs for global audiences will be conducted in Monterey, CA. 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. The Monterey program is conducted annually in April.

Participating countries are identified by Regional Combatant Commanders and issued invitations by the Office of the Secretary of Defense. Within each participating country, an even balance of military officers and civilian officials will be ideal. Seniority will vary with the size of a country's defense forces, but the course will resonate best with mid-senior grade officials involved in combating terrorism. The Civil-Military Responses to Terrorism course will be offered in residence at the Naval Postgraduate School, Monterey, once a year. A second course can be scheduled depending on demand.

Contact Information: Approval for individual course proposals rests with ASD (SO/LIC), 703-696-7182). Execution of RDCTF funding has been delegated to DSCA (703-601-3719). Program Manager - 831-656-3832.

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.

EFFECTIVE 01 APR 06: THE TUITIION FOR THIS COURSE INCLUDES LODGING COSTS AT LOCAL HOTEL. COSTS WILL BE PAID BY THE 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.

CURRICULUM DEVELOPMENT - MASL : D305011

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

CUSTOMIZ COMPREH MISSILE - MASL : P193142

CUSTOMIZABLE COMPREHENSIVE MISSILE TRAINING

This course will provide EOD procedures on approved missile systems using the current 60 series publications on the following missiles: AMRAAM, Dragon, HARM, Harpoon, Hawk, Hellfire, Javelin, Maverick, Patriot, Phoenix, Penguin, Redeye, Roland, Rolling Airframe Missile (RAM), Sea Sparrow, Shrike, Sparrow, Sidewinder, Slam, Snapper, Standard, Standard-ARM, Stinger, Tartar, Terrier, Tomahawk, TOW

Prerequisite is successful completion of International EOD Phase 2 (Surface), CIN: A-431-0019, MASL: P123300 within the preceding five years. Length of course is nine (9) days.

DAMAGE CONTROL, SM CUTTER - MASL : P129700

This course is designed to train students to act as team members in fire fighting and damage control. Classroom instruction covers damage control equipment, procedures and principles, dewatering, post-fire atmospheric testing, fire fighting, fire science, repair kits, and investigation.

Prerequisites: Completion of Damage Control A (P122209).

DAMAGECONTROLMAN "A" - MASL : P122209

This course teaches enlisted personnel to perform at the job entry level in the Damage Controlman rating. Subjects taught include woodworking, woodworking power tools, building maintenance, pipe fitting, residential electricity, ground tackle, sanitary systems, oxyfuel cutting, silver brazing, arc welding, fire fighting, damage control, plumbing, watertight fitting maintenance, masonry, and chemical, biological and radiological defense.

SPECIAL NOTES: THIS COURSE IS A PREREQUISITE FOR P129700, "DAM CONTRL & FIREFIGHT TEAM"; AND P145421, "WELDING STEEL"

Students must have, or report with, sufficient funds (approximately USD 60) to purchase steel-toed safety shoes for participation in this course.

DAMCONT REPAIR PARTY LDR - MASL : P166235

This course is designed to train personnel in pay grades 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 the 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.

DATA LINK COMM SYS MT TECH - MASL : P139600

DATA LINK COMM SYS MT TECH

To train selected Electronics Technicians (ET) in pay grades 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.

DATA SERVICES - MASL : D305035

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

DECISION RISK ANALYSIS - MASL : B151805

This course provides a comprehensive introduction to the qualitative and quantitative methodologies, which can be applied in conducting and decision analysis of a project or program. Practical experience is gained through the use of actual case studies, which have been adapted for instructional purposes. Specific subjects include probability theory, distributions, and random variables; data collection and preliminary analysis; modern decision theory and software; and integrative practice through small group workshops based on actual case studies. (Note that the current 1-week course is roughly equivalent to the first week of ALMC's former 2-week Decision Risk Analysis Course, DRAC, formerly ALMC-DA.)

DEF ACQUISITION MGMT - MASL : P159200

PRINCIPLES OF DEFENSE ACQUISITION MANAGEMENT RESIDENT COURSE

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 waiverable). 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. Course Contact Information: Dr. Elisabeth Wright, Program Manager, IDARM (831) 656-2469; (540) 972-9184, ewright@nps.edu; Kathleen Peggar, IDARM (831) 656-2049, klpeggar@nps.edu.

DEF RES MGT CRS - MASL : P162002

The DRMC course applies basic concepts, techniques, and analysis to enhance the understanding, competence, and capabilities of U.S. and foreign military and civilian personnel in the allocation and use of scarce resources. Within the specified eligibility, the course is suitable for professional managers working in any functional field concerned with resource allocation. This could include a broad spectrum of fields (including operations, logistics, manpower, procurement, financial management, and related fields), and a wide range of professionals (for example, program managers, planners, engineers, evaluators, and systems analysts). In addition to the general objectives for all DRMI programs, this course is designed to apply the basic concepts and techniques of allocation and use of scarce resources to illustrations of: analysis and evaluation of programs and policies; and evolution and design of U.S. defense management systems. The course emphasizes the decision makers broad perspective, which requires appreciation of the capabilities and limitations of a wide range of analytic concepts and systems, and awareness of the critical interdependence between and among such tools and specific decision making environments.

RANK REQUIREMENTS: MAJOR AND ABOVE

ECL REQUIREMENT: 80

NOTE: 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.

DEF TECH & SYS-MS - MASL : P179039

DEFENSE TECHNOLOGY AND SYSTEMS COURSE. 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 pernational 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.

DEI TRNG & CERT - MASL : P148352

DIESEL ENGINE INSPECTION (DEI) TRAINING AND CERTIFICATION

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.

DEI TRNG & CERT - MASL : P148384

DIESEL ENGINE INSPECTOR TRAINING AND CERTIFICATION (DEI)

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.

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.

Prerequisites: International Military Students are required to complete the prerequisite course: (MASL P145453) A-652-0320, Diesel Eng C Core and it is highly recommended that they attend the Caterpillar 6.25 Diesel Engine Course (MASL P145171) taught by U.S. Coast Guard at TRACEN Yorktown. International Military Students are required to complete a pre-test within the first 2-3 days of training.

DENTAL LABORATORY SPECL - MASL : D175038

Provides fundamental instruction for procedures accomplished in Air Force dental laboratories. Includes training on complete denture fabrication, acrylic base reline and repair, fabrication of orthodontic appliances and specialized prostheses, removable partial denture fabrication, crown and fixed partial denture fabrication and dental ceramics.

DENTAL SPECIALIST - MASL : B175231

Provides the student with the skills necessary to perform tasks required of a dental assistant in the examination, care and treatment of dental diseases and disorders. Subjects include preventive dentistry, dental records and equipment and basic dental sciences..

DENTAL-ENDODONTICS - MASL : P175203

To update skills directed at the general dentist.

DEPT HEAD LEADERSHIP CRS - MASL : P171040

DEPARTMENT HEAD LEADERSHIP COURSE

Purpose: the purpose of this course is to provide 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 sailor's 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.

DEPT RESOURCE MGT-SPANISH - MASL : B169355

Resource management concepts; principals; methods; techniques; systems analysis; and decision making skills; culminating with a practical, hands-on resource management case study; economic reasoning; management theory and group dynamics; quantitative reasoning; strategy/policy formulation; analytical decision making; and program analysis, implementation, execution, and control; additional instruction for each student integrates a mandated minimum of eight hours of instruction of human rights; the rule of law; due process; civilian control of the military, and the rule of the military in a democratic society.

DEVELOPERS COURSE - MASL : P166808

PURPOSE: To training students on the design and development of curricula in accordance with the Systems Approach to Training (SAT) Manual. This course provides the knowledge, skills and attitudes required to succeed as a Curriculum Developer. The course includes instruction and application in applying the principles of adult learning, conducting a learning analysis, writing learning objectives, developing test items, writing instructional materials and developing media. Additionally, a Master Lesson File (MLF) is assembled individually based upon assigned Individual Training Standards (ITS s). Students are also taught the processes associated with the developing and generating a Course Descriptive Data (CDD) and Program of Instruction (POI) using an Automated Instructional Management System. All materials for this course are provided by IMS. UNIFORM/EQUIPMENT REQUIREMENTS: Students should bring appropriate service uniforms. Students will check in wearing the Utility uniform and it will be worn for all periods of instruction Monday-Friday.

Notes: Successful completion of this course is very dependant on the student s computer skills. Knowledge in Microsoft Word and Power point plus their ability to input and retrieve from a database is vital.

DIAG MGMT ORAL TRAUMA - MASL : P175679

DIAGNOSIS AND MANAGEMENT OF DENTAL AND ORAL-FACIAL TRAUMA

To update skills directed at the general dentist. This course is designed for the dental officer who wishes to increase knowledge and expertise in treating the patient with dental and associated oral facial trauma. Various situations and injuries the general dentist is likely to encounter in a military career will be addressed. Scope: Course will include initial evaluation and stabilization of the patient, tooth borne trauma, soft tissue and hard tissue trauma of the head and neck. The didactic lectures will be augmented with hands-on laboratory sessions where the participant will have the opportunity to practice techniques to enhance confidence with these newly learned methods.

DIESEL ENG C SCHOOL CORE - MASL : P145453

Provides training to designated strikers and personnel in the Engineman rating, pay grade E-3 and above, Machinist Mate (SS), pay grade E-5 and above, and Construction Mechanic, pay grade 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

DIGITAL MULTIMEDIA COURSE - MASL : B164581

To train selected officer/enlisted personnel and civilian employees of the Department of Defense in the principles, techniques, and skills required performing the duties and functions of a digital multimedia technician. The Digital Multimedia Course (DMC) provides training in the knowledge and skills needed to create text, graphics, sound, animation and full-motion video, and then integrate these elements into multimedia and web-based packages. The course includes instruction in the operation of computer systems, input and output devices to acquire, enhance, design, manage, output, and archive digital imaging, graph design and multimedia files. Students use software to create, manage and output the following: composite layouts, graphic designs, page layouts, video productions, web pages and interactive multimedia solutions. The Digital Multimedia Course also includes theoretical and working instruction of computer fundamentals and functions, trouble shooting, networking, communications, color theory, and the principles and implementation of color management. Ethical considerations and practices are discussed as they pertain to the Department of Defense.

DISAM-MTT - MASL : D305024

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

DISASTER PLANNING MET - MASL : D309041

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

DISASTER PREP OPS SPEC - MASL : P173437

Provides 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.

DISASTER PUBLIC HLTH MET - MASL : D309017

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

DIST PLANT/COND/HEAT EXCH - MASL : P145276

Trains 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.

Learning Center: #12 - CENNAVENGINEERING

DIVER EXPLOSIVE ORD DISP - 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 diver in accordance with the U.S. Navy Diving Manual. Diving operations may be performed from surface or subsurface vessels, mobile units, detachments or other sea/shore installations as necessary.

DIVER FIRST CLASS - MASL : P179011

Trains Divers Second Class to become Divers First Class, proficient in all areas of diving, hyperbaric chamber operations and underwater permanent repairs. Includes advanced diving physics and medicine, diving supervisor training, diving systems certification and hazmat storage, handling and disposal.

"Provides prerequisite knowledge and skills needed to be assigned as a member to a surface-supplied mixed-gas diving station."

PREREQUISITE: P179101 / DIVER SECOND CLASS will not be waived.

DIVER SCUBA - MASL : P179125

To provide instruction in the operational use and maintenance of open circuit SCUBA and associated diving techniques.

SCOPE: Instruction includes diving physics and medicine, basic scuba diving procedures, underwater search procedures and underwater work with open circuit SCUBA. Qualified to a maximum depth of 130 feet.

SPECIAL INFO: Report one working day prior to the convening date for administrative processing. Be prepared to participate in daily strenuous exercise for about one hour. This includes three-mile runs, 1000 yard swims and numerous calisthenics. The screening test in Exhibit 5 of MILPERSMAN 1410380 establishes the MINIMUM PHYSICAL STANDARD. This test will be given again on the first day and anyone who fails is not eligible to attend the course. Bring a good pair of running shoes and one pair of steel-toed boots. Students cannot be pregnant. Physical examination forms SF88 and SF93 should be forwarded to NAVDIVESALVTRACEN 45 days before the class convening date for review. A point of contact name should accompany each physical.

DIVER SECOND CLASS - MASL : P179101

This course is a pre-requisite for P179011.

Provides basic instruction, training and qualification in Surface Supplied Air diving equipment to a maximum depth of 190 ft and SCUBA to a maximum depth of 130 ft. Includes diving physics, medicine, SCUBA, Surface Supplied diving systems (Mk.21 and Mk.20), diving techniques and procedures, underwater mechanics and tools. This course is a pre-requisite for P179011/Diver First Class, and P719149/Diving Salvage Officer.

DIVING CASUALTY RECOG/TRT - 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. 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 OFF MEDICAL DEPT - MASL : P175503

This course is an integral part of the Naval Undersea Medical Officer course (A6A-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.

DLA SA/FMS MANAGEMENT CRS - MASL : B151925

This 2-day course is designed to train personnel in the following areas:

- Inventory Control Points (ICP)
- Defense Distribution Centers (DDDs)
- Transportation
- Defense Contract Management Agency (DCMA)
- Defense Reutilization and Marketing Service (DRMS)
- Defense Logistics Information Service (DLIS)
- Selected Military Service participants

Participants will learn how to execute the DLA FMS mission and interface/support the foreign customer. The course covers the DLA procedures and policies for initial, as well as follow-on, support and delivery of FMS items to the foreign customer. Areas of coverage as they pertain to SA/FMS are:

- Policies, laws, and regulations
- DLA SA Program Overview
- FMS Requisition Processing
- International Logistics Program
- Waivers/Special Support Arrangements and Country/Case Suspensions
- Requirements Determinations
- Supply Discrepancy Report Procedures
- DLA Depot Policies and Directives
- FMS Warehouse Procedures
- FMS Transportation Policies and Procedures
- DCMA, DESC, DRMS, and DLIS operations in support of FMS

DLI ENGLISH LANGUAGE TECH - MASL : D307011

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

DOCTRINE DEVELOPERS - MASL : B159020

This course will provide doctrine developers with skills and knowledge to manage the doctrine development process. The course will orient students to the relationships of the various types of doctrine, doctrine processes, and life cycle management of Army doctrine. The course provides a foundation that addresses the technical aspects of doctrine development.

DRILL INSTRUCTOR USMC - MASL : P166801

The purpose of the course is to further develop the knowledge, physical condition, command presence, instructional skills, and leadership abilities of selected, noncommissioned and staff noncommissioned officers so that they will be able to successfully perform the duties of a Drill Instructor. The course provides instruction in leadership, standing operating procedures for

recruit training, techniques of military instruction, marksmanship and individual weapons, individual combat skills, physical conditioning, close order drill, and general military subjects that include U.S. Marine Corps history, customs and courtesies, uniform regulations, first aid (to include cardiopulmonary resuscitation certification), sanitation and personal hygiene, and interior guard.

Note: Marine Corps Recruit Depot/Eastern Recruiting Region Parris Island SC web site - http://www.mcrdpi.usmc.mil/di_main.htm is where students can obtain welcome information about the school to include recommended Physical Training Program and administrative information.

DRILL INSTRUCTOR USMC - MASL : P166802

DRILL INSTRUCTOR USMC

DUNKER - ALL - MASL : B121138

This training includes hazards to aircraft and personnel during over water operations; operation of safety and survival equipment requirements; pre-ditching and evacuation procedures. This course also provides the aircrew with the skills and knowledge to effectively use an Emergency Breathing Device (EBD) to egress a ditched aircraft and cope with the hazards that may be encountered with the use of a compressed air breathing device

DUNKER - EN - MASL : B121139

Training includes hazards to aircraft and personnel during over water operations; safety and survival equipment requirements; pre-ditching considerations and procedures; and emergency ditching and evacuation procedures. This course also provides aircrew with the skills and knowledge required to effectively use the helicopter emergency egress device (HEEDS) to egress a ditched helicopter and cope with the hazards that may be encountered with the use of a helicopter emergency egress device. Training includes hazards to aircraft and personnel during over water operations; safety and survival equipment requirements; pre-ditching considerations and procedures; and emergency ditching and evacuation procedures. This course also provides aircrew with the skills and knowledge required to effectively use the helicopter emergency egress device (HEEDS) to egress a ditched helicopter and cope with the hazards that may be encountered with the use of a helicopter emergency egress device.

DYNAMICS OF INTL TERRORISM - MASL : D126012

Provides selected military personnel and US Government civilian employees with no previous formal training in counterterrorism or antiterrorism a basic awareness and appreciation of the motivation, organization, techniques, operational capabilities, and threat posed by terrorist groups on an international and regional basis. Students learn protective measures government personnel and their families can employ to minimize the threat while traveling or working abroad. Completion of this course meets requirements for Force Protection Level I training. GOAL: To provide students with knowledge and a basic level of awareness to the international terrorist threat. Students will also learn and understand available techniques to minimize their vulnerability to attack.

TARGET AUDIENCE: Any military member or US Government civilian employee.

E2C GRP 2 CAT 1 R/PILOT - MASL : P112105

NOBC 8561 AIRBORNE EARLY WARNING PILOT TRAINING.

E2C OFT SIMULATOR TRAINING - MASL : P119322

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.

E2-C OPER FLT TRAINER - MASL : P119701

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

E-3 AIR SURV TECH INT QUAL - MASL : D117090

To train personnel meeting the course prerequisites to basic aircraft qualification (BAQ) status in the AST crew position on the E-3. Graduates receive an E-3 rating of BAQ IAW AFI 11-2E-3, Volume 1, E-3--Aircrew Training.

E-3 AIR WPNS OFF INIT QUAL - MASL : D117114

To train personnel meeting the course prerequisites to basic aircraft qualification (BAQ) status in the Air Weapons Officer crew position on the E-3. Graduates receive an E-3 rating of BAQ IAW AFI 11-2E3, Vol 1.

E-3 AIRBORNE RADAR TECHN - MASL : D117153

To train personnel meeting the course prerequisites to basic aircraft qualification (BAQ) status in the Airborne Radar Technician crew position on the E-3. Graduates receive an E-3rating of BAQ IAW AFI 11-2E-3, Vol 1, E-3--Aircrew Training.

E-3 FLT ENG TRNG CRS - MASL : D117084

To train personnel meeting the course prerequisites to basic aircraft qualification (BAQ) status in the flight engineer crew position on the E-3. Graduates receive an E-3 rating of BAQ IAW AFI 11-2E-3, Vol 1.

E-3 NAVIGATOR (70.0 FH) - MASL : D114025

To train personnel meeting the course prerequisites to basic aircraft qualification (BAQ) status in the navigator crew position on the E-3. Graduates receive an E-3 rating of BAQ IAW AFI11-2E3, Vol 1, E-3--Aircrew Training.

E-3 OPERATOR INTRO CRS - MASL : D117136

This course is a prerequisite to entering into Mission Crew Commander (E3 UP/CTMCC), Air Surveillance Officer (E3 UP/CTASO) or Electronic Combat Officer (E3 UP/CTECO) upgrade training/cross training courses. Graduates will immediately upon graduation enter into one of the previous mentioned upgrade training/cross training courses.

E-3 PLT INIT QUAL TRNG CRS - MASL : D111016

To train personnel meeting the course prerequisites to basic aircraft qualification (BAQ) status in the pilot crew position on the E-3. Graduates receive an E-3 rating of BAQ IAW AFI 11-2E-3, Vol 1.

EA-C-SCH (ENGR AIDE) - MASL : P174073

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.

1. CONSTRUCTION DESIGN: Site planning and layout of Advanced Bases; structural, architectural, mechanical and electrical design of buildings. Advanced and supervisory instruction in the four major areas of the EA rating.
2. CONSTRUCTION SURVEYING: Fundamentals of Geodesy and Field Astronomy, preliminary and final location surveys, mathematical computations required for route, structural and utilities layout.
3. PLANNING, ESTIMATING AND SCHEDULING: Material, Labor and Equipment estimates with emphasis on construction scheduling, production control and management reporting of construction projects.
4. QUALITY CONTROL: Practical soils mechanics and tests for soils, concrete and bitumens as construction materials using laboratory and field equipment. Perform Quality Control inspections and reports on construction projects. Principles and techniques of Foremanship.

PREREQUISITES: All candidates must have credit in a course in trigonometry. Compliance with TRANSMAN Chapter 7 is mandatory.

EAR, NOSE & THROAT (ENT) SPECIALTY - MASL : B175262

Phase 2, 3 weeks Otolaryngology, 4 weeks Audiology, total: 7 weeks. To provide the student with skills to assist the otolaryngologist and audiologist in the diagnostic and therapeutic procedures such as diagnostic and audiometric testing; assisting physicians in minor surgical procedures; medical emergencies; history taking; ear, nose, and throat examinations.

ECOT - MASL : D155047

This course provides training to personnel in AFSC 33SX, civilian and international officers trained under the provisions of the Air Force Security Assistance Program in the knowledge and skills necessary to perform duties of Communications Officer. This course presents an introduction to basic communications doctrine including the objective communications squadron, future outsourcing initiatives, emerging technologies and the roles of communications officers and organizations in the Air Force enterprise structure. In addition, this course provides an introduction to key communications officer roles in deployed communications, networking, enterprise operations, information operations, executive officer duties, space operations and overall view of war fighting integration.

ELEC AUTO BOILER CTR MAINT - MASL : P145262

ELECTRONIC AUTOMATIC BOILER CONTROLS MAINTENANCE

Purpose: 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.

ELEC PWR PRODUCTION SPECL - MASL : D148025

Provides knowledge and skills needed to perform as an Electrical Power Production Apprentice. The scope of training includes: Use of technical orders; American Heart Association adult CPR; Use of hand tools and electrical test equipment; career field contingency responsibilities and equipment; Inspection and maintenance of aircraft arresting systems to include the MAAS and lightweight fairlead beam; direct current (DC) and alternating current (AC) electrical principles, and electronic fundamentals; generator grounding fundamentals; generator alternator and exciter principles and operation; gasoline and diesel engine fundamentals to include lubrication, fuel, intake, exhaust, governor, and cooling systems; battery and battery charger principles and operation; generator set pre/post operational inspections and loadbank testing; reading and interpreting wiring diagrams to locate and correct electrical faults; automatic transfer panel principles and troubleshooting; engine governor adjustments; electrical protective devices principles and inspection; contingency powerplant operation, inspection, maintenance, and testing.

ELECTRICAL ENGR/GRAD - MASL : D178015

Provides a student who has a background in electrical engineering with the knowledge of optics and laser technology necessary for work in the field of electro-optics. The program is under the joint supervision of the Departments of Engineering Physics and Electrical and Computer Engineering. In general, students entering this program will have completed an undergraduate major in electrical engineering. The basic requirements for admission to the program are an overall undergraduate grade point average of at least a B (3.00), a grade point average of at least a B (3.00) in all mathematics courses, and GRE scores of at least 500 on the verbal test and 600 on the quantitative test. Waivers of some of these may be granted on an individual basis. The program is normally six quarters in length. Five quarters are devoted to course work and one quarter to thesis research. The research is conducted either at AFIT or under a cooperative research program at one of the Air Force laboratories. The course work in this program is in the areas of electrical engineering, optical and laser physics, and optical solid-state devices. It emphasizes the application of fundamental knowledge in the design, development, test, and evaluation of Air Force systems. Each student must complete an independent study or thesis in an area related to electro-optics selected from topics proposed by Air Force development organizations. This independent study may be done under the direction of either the Department of Engineering Physics or the Department of Electrical and Computer Engineering. Flexibility in the program is maintained in order to take full advantage of the varied backgrounds and abilities of individual students. The program leads to the degree of Master of Science in electrical engineering.

ELECTRICIAN BASIC - MASL : P131806

Consists of the following units of instruction: electrical theory, maintenance management, equipment operation, preventive maintenance, and field electrical systems installation. This course is designed to impart the knowledge, skills, and abilities to provide electrical support. The course consists of instruction on the characteristics, capabilities, operation, and preventive maintenance of electrical power generation and load test equipment; along with electrical distribution systems and floodlights. Instruction is also provided on safety, electrical theory, installation of electrical distribution systems (wiring and hardware), use and care of hand tools, and maintenance management. Graduates of the course are licensed, per TM 11275-15/4 (Tactical Engineer Equipment Licensing Examiner s Manual), on the following equipment:

- Load Bank, Electrical, 100kW, DE1-0001;
- Floodlight Set, Skid-Mounted w/Tower, SM-4A3-0;
- Generator Set, 2kW 60Hz, MEP-531A;
- Generator Set, 3kW 60Hz, MEP-831A;
- Generator Set, 10kW 60Hz, MEP-803A;
- Generator Set, 10kW 400Hz, MEP-813A;
- Generator Set, 30kW 60Hz, MEP-805A;
- Generator Set, 30kW 60Hz, MEP-805B;
- Generator Set, 30kW 400Hz, MEP-815A;
- Generator Set, 30kW 400Hz, MEP-815B;
- Generator Set, 60kW 400Hz, MEP-816A;
- Generator Set, 60kW 400Hz, MEP-816B;

- Generator Set, 60kW 60Hz, MEP-806A;
- Generator Set, 60kW 60Hz, MEP-806B;
- Generator Set, 100kW 60Hz, MEP-007A;
- Generator Set, 100kW 60Hz, MEP-007B.

Note: PRIVATE THROUGH STAFF SERGEANT (E1 - E6) CAN BE ASSIGNED MILITARY OCCUPATIONAL SPECIALTY (MOS) 1141.

Notes: P222 - COLOR VISION PERCEPTION MUST BE NORMAL AND CERTIFIED ON STUDENT ORDERS. MUST NOT SUFFER FROM ACROPHOBIA (FEAR OF HEIGHTS)

ELECTRICIANS MATE A - MASL : P122216

This course trains enlisted personnel at the job entry level in the Electricians Mate rating. Training includes lectures and hands-on exercises on generation, control and distribution of electricity; the uses of electricity; and the maintenance/repair of electrical equipment. The following topics are covered: AC and DC circuit analysis, batteries, power distribution systems, lighting systems, generators, motors, controllers, interior communication systems, electric power tools, galley equipment, laundry equipment, scullery equipment, electric damage control equipment, small boat electrical systems, deck machinery equipment, and shore power.

Students must have, or report with sufficient funds (approximately USD 60) to purchase, steel-toed safety shoes for participation in this course.

NOTE: THIS COURSE IS A PREREQUISITE FOR P131130, "ELECTRONICS ADV ANALOG"; AND P145448, "GYROCOMPASS SYS MK27".

ELECTRONIC JOURNALISM COURSE - MASL : B164587

Emphasis of training is placed on Electronic Journalism (EJ) principles and techniques needed to produce television news and feature assignments. Students will learn writing for EJ, voice-over and stand-up reporting, EJ news coverage, decisions in the sphere of military activities, operation of battery operated television camera/recorder systems, lighting, site survey procedures and video tape editing.

ELECTRONIC PRINCIPLES - MASL : D131145

Replaces E3AQR2P031 371 beginning with classes starting 06 Jun 04. It provides training in the knowledge and skills needed to perform the duties of maintenance personnel and is the prerequisite for the E3ABR2P031048A follow-on course at Keesler AFB. The scope of the training includes safety, first aid, Direct Current (DC) principles, Alternating Current (AC) principles, semiconductors, power supplies, amplifiers, waveshaping circuits, and digital circuits.

ELECTRONIC PRINCIPLES - MASL : D132112

If you were a NPS student at the time you left Keesler you will return as a NPS student and will be placed into Phase 4 status. You will live in (Davis Manor) and complete all military training requirements. Upon arrival you are to report to (Davis Manor, bldg 6955), and contact a MTL for room assignment. If you have any delay or other problems during your travel contact CQ at 228-597-5585: the CQ office is manned 24/7. The BX and commissary have limited supplies, so bring what you need for personal items. Shopping off base is very limited. If you were here during Katrina but evacuated and left personal property behind, and have not already reclaimed it you will have access to it upon your return.

This course replaces course E3AQR2E132 431. The scope of training includes safety, first aid, Direct Current (DC) principles, Alternating Current (AC) principles, semiconductors, power supplies, amplifiers, waveshaping circuits, digital circuits, computer fundamentals and network theory.

ELECTRONIC PRINCIPLES - MASL : D133076

Replaces E3AQR2A533A 371 beginning with classes starting 06 Jun 04. It provides training in the knowledge and skills needed to perform the duties of maintenance personnel and is the prerequisite for the J3ABR2A533A048A follow-on course at Sheppard AFB. The scope of the training includes safety, first aid, Direct Current (DC) principles, Alternating Current (AC) principles, semiconductors, power supplies, amplifiers, waveshaping circuits, and digital circuits.

ELECTRONIC PRINCIPLES (LTC - MASL : D131132

If you were a NPS student at the time you left Keesler you will return as a NPS student and will be placed into Phase 4 status. You will live in (Davis Manor) and complete all military training requirements. Upon arrival you are to report to (Davis Manor, bldg 6955), and contact a MTL for room assignment. If you have any delay or other problems during your travel

contact CQ at 228-597-5585: the CQ office is manned 24/7. The BX and commissary have limited supplies, so bring what you need for personal items. Shopping off base is very limited. If you were here during Katrina but evacuated and left personal property behind, and have not already reclaimed it you will have access to it upon your return.

This course replaces course E3AQR2E632 431. The scope of training includes safety, first aid, Direct Current (DC) principles, Alternating Current (AC) principles, semiconductors, power supplies, amplifiers, waveshaping circuits, digital circuits, computer fundamentals and network theory.

ELECTRONICS ADV DIGITAL - MASL : P131131

This course trains electricians, pay grades E-5 through E-9, in digital electronics technology. The course will cover instruction in digital applications such as operating oscilloscopes; constructing operational amplifier circuits and digital logic gates; performing calculations in binary, octal, and hexadecimal operations; and introduction to Boolean algebra, logic functions, flip-flops, counters, shift register, transducers, system interfacing, memories, and programmable logic devices. The lab phase of each unit will enable each student to be introduced to microprocessor-based systems. Each student will program, run, and troubleshoot a microprocessor to the component level.

Completion of Electrician s Mate A (P122216) and Electronics, Advanced Analog (P131130).

ELECTRONICS TECHNICIAN "A" - MASL : P131093

This course is an apprentice-level electronics course that is divided into seven units of instruction, with each unit dealing with different aspects of electronics fundamentals. The course begins with indoctrination and includes basic theory, safety, measurement, and troubleshooting techniques. As students progress through the course, they receive instruction on DC circuits, soldering, power supplies, amplifiers, oscillators, receivers, VHF-FM and HF communications, radar, long-range aids to navigation (LORAN)-C receivers, and depth sounders. Emphasis is placed on the student s ability to diagnose and repair equipment faults. Each unit has a number of terminal performance objectives that must be mastered by the student to complete the unit successfully. All seven units must be completed successfully to complete the course of instruction. Additional work time away from class is required to complete each unit successfully.

Prerequisites: Basic algebra skills (i.e., the ability to manipulate and solve rational equations) are necessary for completion of this course.

Note: This course includes classified material. See Security Clearances on page II-3. However, students may attend the sanitized version of this course without detracting from the technical competency objectives.

THIS COURSE IS TAUGHT IN UNITS AND MASTERY OF EACH IS REQUIRED FOR PROGRESSION. TRAINING IS NOT SELF-PACED, HOWEVER, TRAINEE CAN EXPECT ADDITIONAL WORK TIME WILL BE REQUIRED TO MASTER THE TERMINAL OBJECTIVES REQUIRED IN EACH UNIT.

ELECTRONICS/* - MASL : D303004

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

EMERGENCY MEDICAL TECH - MASL : P175209

This course provides classroom instruction and practical experience for emergency medical care given to ill or injured persons. The practical exercises pertain to rescue techniques used in a maritime environment as encountered during Coast Guard search and rescue missions. It is a 130-hour, intensive, college-level course. Students are required to complete both written and practical examinations.

Note: This course is intense and requires many hours of homework for completion.

ENGINEER BASIC OFFICER LEADER - MASL : B121245

Emphasis is on leadership, combined arms tactics, weapons, equipment, and the fundamental techniques required in order to prepare the graduate for immediate assumption of the functions and duties of the Engineer platoon leader. Hands-on performance oriented exercises are stressed with a minimum of theoretical instruction. Instruction is provided in leadership and ethics, training, Engineer support of offensive and defensive operations, horizontal and vertical Construction, combat engineering and general engineering.

ENGINEER OFF CPT CAREER - MASL : B171670

Primary emphasis of training is placed on teaching the student MQS II skills and knowledge needed to be an effective BC 21-engineer officer. Completion of the tactics and engineering phases provided a Military Education Level 6 qualification. The training also develops the officer s problem-solving capabilities, managerial techniques and the character attributes needed to be an effective military leader.

ENGINEER OPS-SPANISH - MASL : B174500

Employ and breach obstacles; detect and neutralize minefields and booby traps; employ engineer assets in support of base defensive operations; use demolitions in support of narcotics interdiction operations; perform engineer assault missions; land navigation; communications; combat lifesaving measures; conventional and improvised demolitions; obstacle constructions and breaching; military operations in urban terrain, booby trap detections and destructions; engineer battle drills and situational training exercises designed to evaluate the students abilities to perform sapper missions in tactical and counterdrug scenarios; human rights; the rule of the law; due process; civilian control of the military, and the role of the military in a democratic society.

ENGRG MGT/GRAD - MASL : D178008

The goals of the engineering and environmental management (EEM) program are to educate mid-level managers in the theories, concepts, and techniques of environmental management and to integrate science and policy issues into a decision-making framework for enhanced management of organizations and their impact on the environment. The EEM program provides students with the opportunity to develop and apply a variety of quantitative and qualitative concepts, skills, and techniques to integrate science and policy issues into a decision-making framework for enhanced management of the environment. Upon completion, students are granted a master of science (MS) degree. A thesis is required for graduation. The curriculum includes courses in engineering management, environmental engineering and management, economic decision analysis, organizational management, and communications. The EEM program is conducted in six academic quarters. This program is designed for both the civil and bioenvironmental engineering career fields (55XX and 91XX) and meets the educational requirements for both the 1AGE and 1AGY advanced academic specialty codes. The curriculum consists of 10 core courses, 5 electives to provide needed breadth and depth, and 12 hours of thesis research. The courses provide a wide variety of quantitative and qualitative information concerned with the many facets of engineering and environmental management: environmental, fiscal, technical, behavioral, logistical, contractual, and legal. Electives are designed to broaden the student's horizons and provide more in-depth information in a specific area of interest. A heavy emphasis on environmental science and management addresses the continuing problems with the impact of base operations on the environment (air, water, and land). The thesis must address a real-world problem in an engineering and environmental management area. Principal purposes of the thesis are to demonstrate the student's ability to integrate concepts and techniques acquired through course work and to demonstrate the student's written communication skills. Many of the thesis topics are provided by DoD and Air Force agencies interested in sponsoring student research in areas of practical concern. Program graduates are assigned to engineering and environmental management duties at the base, MAJCOM, and higher levels. The output AFSC from the program is normally 55XX or 91XX.

ENGRG MT(Deact-See TCC) - MASL : P145258

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,

ENLISTED SUPPLY BASIC - MASL : P152809

PURPOSE: To provide entry-level instruction in supply administration and operations with a primary focus on Asset Tracking for Logistics and Supply System (ATLASS).

SCOPE: This course is designed to develop the basic technical skills required of supply clerks filling supply administration and operations billets in either automated or manual supply accounts. Instruction focuses on technical research, manual requisitioning/accounting, specialized accounting procedures, mechanized accounting for operating stocks, mechanized requisitioning, repair parts requisitioning, mechanized accounting for allowance items and financial management. Instruction focuses on daily use of ATLASS in a Fleet Marine Force using unit supply account.

PREREQUISITES: Private-sergeant, MOS 3000, minimum aptitude area score of CL 110. UNIFORM/EQUIPMENT REQUIREMENTS: Students should bring appropriate service uniforms. Students will check in wearing the Service "A" uniform. The utility uniform will be worn for all periods of instruction Monday-Friday. The Service "C" uniform will be worn occasionally on Friday as directed by the school commander. The uniform for graduation is the Service "C" uniform. PT gear (green/green) is also required to include sweats during winter months

EO-SCH JOURNEYMAN - MASL : P174072

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.

EQUAL OPP STAFF ADVISOR - MASL : D179009

This course replaces E5ALD3S131A 000 effective 20 Jun 05. The course content is the same; only the course number has changed. Subject areas address individual, group, and organizational behavior; equal opportunity management skills, instructor skills; the study of discrimination based upon racial, sexual, religious, and ethnic differences on individual, institutional and cultural levels; the study of cultural, historical, and socio-psychological perspectives as well as contemporary status of American minority groups; equal opportunity programs and procedures of the military services; and a practice application exercise. Student physical fitness training. Course conducted at the Defense Equal Opportunity Management Institute.

ESSM THEORY OF OPS ENGRS - MASL : P195178

EVOLVED SEA SPARROW MISSILE (ESSM) THEORY OF OPERATION FOR ENGINEERS

Provides details of ESSM Theory of Operations, missile configuration, threats and missile performance information. Missile subsystems operation is presented for guidance system, warhead, digital autopilot/control system, inertial reference system, uplink communications, and rocket motors.

Targeted Audience: Personnel required to have a detailed understanding of ESSM Theory of Operation.

Prerequisites: Participants must have knowledge of test site safety and security regulations at test site facility where individual duties will be performed.

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.

ET APPRENTICE TECH - MASL : P139013

ELECTRONIC TECHNICAL APPRENTICE TRNG - SELF PACED is a Computer Aided course that includes the entire 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

EURO-NATOP JET PLT TNG - MASL : D111011

Qualifies non-rated NATO officers and NCOs to perform duties and responsibilities of rated pilots. Trains student pilots toward award of aircrew rating of pilot, capable of advancing to specialized flying training courses. Air Force graduates qualified to fly Air Force jet aircraft with minimal transition and normally proceed to advance flying training course. Graduates also have desirable professional skills and knowledge required of junior Air Force officers. Approximately 260 flying hours, 300 academic hours, and 190 officer training hours.

EW FOR FOREIGN MIL OFFICRS - MASL : P179175

Master s 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.

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. The course is not designed to enhance performance for any specific task, rather to provide background information to assist in performance of several tasks.

EWO STAFF OFFICER (SATP) - MASL : D136027

Training includes fundamentals of electronic warfare, air defense systems operations, tactical electronic warfare operations, and electronic warfare management.

EXEC PRGM IN CIV-MIL REL - MASL : P170001

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.

EXECUTIVE BUSINESS COURSE - MASL : P178110

EXECUTIVE BUSINESS COURSE

The EBC 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.

EXPED MEDICAL SUP BASIC CR - MASL : D175155

This 5 day course is designed to provide field operational training for commissioned officers and enlisted personnel assigned to the EMEDS Unit Type Codes. Students must have knowledge of and be skilled in their AFSC core competencies as outlined in their perspective Career Field Education and Training Plan and must complete their Readiness Skills Verification Program skills checklist prior to attendance. This course teaches and evaluates corps specific field situations, as well as offers updates in AFMS concept of operations and doctrine. The course promotes team performance, cohesion, and cross-training/utilization of all deployed team personnel. It also teaches setup/packing out of a field EMEDS compound, deployed operations (wartime and humanitarian), field medical, nursing and operational support equipment proficiency, and field exercises to both emphasize and evaluate learning of concepts taught.

EXPED WARFARE STAFF PLNG - MASL : P124251

To train Marine Corps and Navy officers/senior petty officers in the knowledge and skills required for the operational planning and employment of MAGTFs focusing on planning tasks.

Pre-requisite course: Amphibious Warfare Indoctrination (AWI) K- 2G-0037.

Special Note: This training is unclassified, however, International Students are required to have a Secret Security Clearance included in their travel orders in order to access the facility where training is to be conducted.

EXPED WARFARE STAFF PLNG - MASL : P124507

To provide Navy and Marine Corps officers and senior enlisted with knowledge of and experience in expeditionary warfare mission planning at the PHIBRO/MEU (SOC) level.

Instruction includes the command and staff action sequence from MCWP 5-1 and JP 3-02.

SCOPE: Designed to enable students to assist in amphibious planning at any BN/MEU/MEB staff/unit level and to provide the knowledge necessary to aid in interpreting an amphibious operation plan/order. Class instruction precedes student execution of the Marine Corps Planning Process in order to develop a generic plan for an amphibious assault. Students will be assigned principal staff positions similar to those an ESG would fill. Dependent on the class variety of experience, students will role-play a principal staff member.

PREREQUISITES: USN commissioned officers and senior enlisted personnel assigned to amphibious ships, PHIBGRU, or PHIBRON staffs, NAVBEACHGRU, SPECWARGRU, TACGRU/TACRON, or Marine Expeditionary Units. Students are required to be graduates of Amphibious Warfare Indoctrination (K-2G-0037) or have six months experience aboard an amphibious unit/staff. USMC active and reserve components: Commander, principal and special staff officers of a designated MAGTF or Major Subordinate Element (MSE). Waivers will be considered by the course manager.

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

MTT associated with this course is MASL P309197.

EXPEDITIONARY WARFARE SCH - MASL : P171818

EXPEDITIONARY WARFARE SCHOOL

Expeditionary Warfare School (EWS) is a career-level professional military education school. EWS prepares Marine Captains to function as commanders and staff officers at the appropriate level of the Operating Forces by providing instructional emphasis on command and control, combined arms operations, war fighting skills, tactical decision making, Marine Air Ground Task Force (MAGTF) expeditionary operations, and naval operations.

F15 AVIONIC TST STAT/ACFT - MASL : D141394

This course is designed to provide airmen with the basic skills and knowledge to perform intermediate (I-level) maintenance in the F-15 Avionics Intermediate Shop (AIS). It is an AFSC awarding course. Training includes career field introduction, test station principles, Aircraft Systems Principles, Security and Safety, Technical Orders and Maintenance Systems, F-15 Antenna Test Station theory, F-15 Antenna Test Station performance, F-15 Tactical Electronic Warfare Systems (TEWS) Intermediate Support Systems (TISS) theory, F-15 TISS performance, F-15 Electronic Systems Test Set (ESTS) theory, and F-15 ESTS performance. Each person attending this course will be awarded a 3-skill level in the F-15 Avionic Systems Apprentice Career field upon graduation.

F15 CONFORMAL FUEL TANK REPAIR (SOJT)-KOREA - MASL : D143010

COURSE DESCRIPTION (If the course may be provided by module, enter module number, title, description, and number of hours) 136 Hours.

Scope of training includes use of applicable technical data and regulatory standards; safety requirements associated with repair of conformal fuel tanks (CFT); preparation procedures, to include review work control documents, obtaining applicable technical data, supplies and personal protective equipment. The SOJT covers the disassembly procedures, removal and installation of CFT from maintenance stands; the cleaning procedures required when overhauling the tank; inspection, repair, and replacement procedures that are required during the overhaul of CFTs, procedures required for assembly and leak check procedures for the tank and fuel system are outlined.

FA FIREFINDER RADAR OPERATOR FULL COURSE - MASL : B121168

Operations, communication procedures; IFSAS interface; radar registrations; use of SINCGARS equipment; preventive maintenance on the radars and ancillary equipment. Operations, communication procedures; IFSAS interface; radar registrations; use of SINCGARS equipment; preventive maintenance on the radars and ancillary equipment.

FA OFF ADVANCED PREPARATORY-ALLIED OFFICER - MASL : B171131

To provide allied officers with the fundamentals of fire direction, firing battery operations, and field artillery organizations. Allied officers also receive an orientation program designed to provide them with information and knowledge of U.S. social and government institutions, history and culture of the American people and the English language.

FACILITIES INSPECTOR COURSE - MASL : P122702

This course provides entry-level training for Coast Guard members in subjects including basic nomenclature; facility security, transfer equipment, operations, and pollution response; LNG facility inspections; deepwater port facility inspections; and intermanul freight container inspections. This course is taught using lectures, in-class and laboratory exercises emphasizing hands-on experience. Emphasis is also placed on developing the student' s ability to identify and apply U.S. regulations and standards during the inspection of U.S. port facilities.

FAFIREFINDERRADAROPERTPQ37 - MASL : B121147

Operations, communication procedures; IFSAS interface; radar registrations; use of SINCGARS equipment; preventive maintenance on the radars and ancillary equipment. Operations, communication procedures; IFSAS interface; radar registrations; use of SINCGARS equipment; preventive maintenance on the radars and ancillary equipment.

FFG-7/36/61(Deact-See LTB) - MASL : P149275

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.

FFG-7/36/61(Deact-See LTB) - MASL : P149276

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.

FIBER OPTIC CABLE INSTALL - MASL : D132072

Provides training in: theory of light wave communications; fiber optic cable characteristics; fiber optic terminations; fiber optic light source/power meter; fiber optic cable installation; fusion splicing; mechanical splicing; optical time domain reflectometer; fiber optic modems and multiplexers.

FIELD ARTY BASIC OFR LDR - MASL : B121250

Presenting, developing, and refining basic skills needed by all Field Artillery Officers. Course consists of three blocks of instruction that all Lieutenants receive in Platoon Leader, Fire Support, and Fire Direction skills. Course has weapons system training on Light/Towed artillery systems.

FIELD ARTY OFF ADV - MASL : B171680

Technical and tactical skills needed to provide effective and timely fire support for Army Operations Doctrine; fire support systems for levels of command from battery to corps; combined arms operations; threat forces and doctrine; combat service support; leadership; and command and control.

FIELD MEDICAL SERV TECH - MASL : P175570

FIELD MEDICAL SERVICE TECHNICIAN

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 e-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 pregnant 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 assign ability during or after "C" school will be justification for administrative separation per MILPERSMAN article 1910-120.

FIGHTER ACFT CREW CHIEF - MASL : D141251

This course trains aircraft maintenance technician apprentices on operational principles and theory of ground safety, aircraft systems and sub-systems, component description and operation, aircraft ground handling, inspection, servicing procedures, and operation of aerospace ground equipment. The course provides aircraft familiarization to personnel with assignments to heavy aircraft (bombers, tankers, and airlift) and/or light aircraft (fighters, trainers, and attack). Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

COURSE DESCRIPTION

- BLOCK I FAMILIARIZATION This block begins with a course orientation, where students learn about the academy’s policies, programs, and academic objective requirements. Students learn the principles of safety, accident prevention, and aircraft ground safety procedures on the flight line. Students also learn how to interpret, identify, and select technical data, and the use and purpose of aircraft forms documentation and filing. Additionally, students learn the aircraft inspection system, levels of maintenance inspection, types of inspections, and identification and purpose of aircraft hardware.
- BLOCK II AIRCRAFT GENERAL Students learn the variety of airframe structures, reference datum numbering and aircraft markings. They are taught aircraft ground handling, marshalling procedures, parking, towing, mooring, and jacking. Students also learn the principles and use of non-powered ground support equipment, and operation of powered ground support equipment. They receive instruction on corrosion control and prevention programs, care of aircraft, and aircraft safe for maintenance. Students also receive a diversity of training on several types of egress systems.
- BLOCK III ELECTRICAL SYSTEM Students learn the operational concepts and theory of electricity, circuits, and components. They learn identification and inspection procedures of the direct current systems; identification and inspection procedures of the alternate current systems, aircraft lighting systems, and operation of aircraft fire and overheat warning systems.
- BLOCK IV UTILITY SYSTEMS Students learn the fundamental principles, components, theory of operation, and inspection procedures of the bleed air system, air-conditioning and pressurization systems, fire extinguisher and anti-icing and de-icing systems. Additionally, the operation of the liquid and oxygen system, servicing procedures, and the inspection procedures of the utility systems are discussed.
- BLOCK V PNEUDRAULICS SYSTEM Students learn the aircraft pneudraulics systems, components, and operation. Students learn the aircraft’s landing gear, inspection, components, and operational checks of the system. Removal and installation of wheel/tire and brake system assembly is also taught during this block of instruction.
- BLOCK VI FLIGHT CONTROL SYSTEM, the students learn theory and principles of flight. They identify and state the purpose of the primary and secondary flight control surfaces and components. Students also learn fundamentals of inspections, rigging, and procedures for removal and installation of flight control surfaces.

- BLOCK VII FUEL SYSTEMS Students learn the fundamentals of the fuel system, inspection procedures and safety precautions, components and operation of the internal and external fuel system, and inspection and servicing procedures.
- BLOCK VIII ENGINE AND SYSTEMS Students learn the engine technical terminology on several types of engines. They learn major engine sections, and components of jet engines and turbo propeller engines. They also learn principles of operation, inspection and component location, and subsystems. This block also covers the introduction and description of the Hamilton standard propeller.

FINANCE BASIC OFFICER LDR - MASL : B121255

Consists of three major area of instruction: branch specific training, tactical training (FTX/CPX), and functional training. Training prepares finance officers to support combat operations on the modern battlefield. The branch specific training stresses branch skills unique to the Finance Corps, such as disbursing, military pay, accounting, commercial vendor services, and travel.

FINANCE MGT & COMPT SPEC - MASL : D156054

If you were a NPS student at the time you left Keesler you will return as a NPS student and will be placed into Phase4 status. You will live in (Smith Manor) and complete all military training requirements. Upon arrival you are to report to (Smith Manor, bldg 7315), and contact a MTL for room assignment. If you have any delay or other problems during your travel contact CQ at 228-377-3803/9976: the CQ office is manned 24/7. The BX and commissary have limited supplies, so bring what you need for personal items. Shopping off-base is very limited. If you were here during Katrina but evacuated and left personal property behind, and have not already reclaimed it you will have access to it upon your return.

This course provides training for airman to perform duties prescribed in AFMAN 36-2108 for Financial Management and Comptroller Apprentice. Training includes an overview of publications, customer service principles, accounting classification, fund certification, fiscal law, military pay, cost and economic analysis, accounting principles, travel computations, and customer service/support.

FINANCE OFF (BRANCH QUAL) - MASL : B121524

Consists of five major areas of instruction. Disbursing provides the student with a working knowledge of governing laws, functions, controls, safeguards, operating procedures, automated system inputs and products, and reporting requirements for a disbursing division. Travel and Military Pay stress governing laws, entitlements, allowances, computer software and hardware, and interpretation of pertinent regulations. Commercial Accounts centers on the Prompt Payment Act, other governing laws, discounts and interest penalty payments, the procurement process and automated systems. Accounting provides an overview of appropriated and non-appropriated fund accounting concepts, reporting requirements, legal requirements, and automated systems.

FINANCE OFFICER ADV - MASL : B171690

This course trains Finance Corps officers to identify, evaluate, and apply the latest managerial techniques plus technical, tactical and leadership skills. Required to support combat operations in the modern battlefield. Emphasis of Training will be placed on teaching student tasks, skills, and knowledge needed to be an effective Branch 44 Finance Officer. We will also develop problem solving capabilities, managerial techniques, and the character attributes needed to be a good leader.

FINANCIAL MGMT SPECIALIST - MASL : B155510

Introduction to finance operations, DJMS/JDCIII; research finance actions using DODFMR/MPPM; computing pay dates; entering input for pay election; military pay and allowances, allotments; miscellaneous adjustments; casual payments; transact public funds; prepare military pay voucher, travel vouchers, principles, rules, procedures and reporting of the operation maintenance army appropriation. Coding of expenditure, reimbursement and miscellaneous transactions and their effect on the Standard Army Finance System; budget execution and accounts payable, finance wartime doctrine.

FINANCIAL MGMT STAFF OFF - MASL : D156053

The BX and commissary have limited supplies, so bring what you need for personal items. Shopping off-base is very limited. If you were here during Katrina but evacuated and left personal property behind, and have not already reclaimed it you will have access to it upon your return.

This course provides training for Air Force personnel, in AFSC 65F4, 6FXXX, or civilian equivalent in the knowledge and skills needed to perform the duties as Financial Management personnel. The scope of training includes principles and concepts of Financial Analysis, Financial Services, Acquisition, Non Appropriated Funds, Audit, Plans and Management.

FINANCIAL MGT OFF - MASL : D156052

The BX and commissary have limited supplies, so bring what you need for personal items. Shopping off-base is very limited. If you were here during Katrina but evacuated and left personal property behind, and have not already reclaimed it you will have access to it upon your return.

This course provides training for finance officers in AFSC 65F1 in the knowledge and skills needed to perform the duties of a Financial Management Officer. The scope of training includes officer hip skills and personnel management, Air Force Financial management comptroller organization, use of legislative guidance, expeditionary operations, Financial Management systems, fiscal structure, Financial Management analysis, cost and economic analysis, acquisition operations, duties of the non-appropriated funds financial analyst, operational risk management, case studies, functions, and responsibilities of the Financial Services Officer.

FIRE CONTROLMAN A STRAND - MASL : P131351

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

FIRE CTL SYS ORTS O&M (KS) - MASL : P179367

FIRE CONTROL SYSTEM (FCS) OPERATIONAL READIINESS TEST SYSTEM (ORTS) OPERATION AND MAINTENANCE (KOREA)

Through use of Classroom instruction with simulations and tactical equipment operation and maintenance where appropriate, this course provides the student a detailed knowledge of the ORTS Data Terminal Sets (DTS), Fire Control System equipments, AWS element testing, Fault Detection and Fault Isolation (FD/FI) testing will be discussed. In addition, the course describes in detail, the elements of the FCS, including FCS Control and Test Interface, Digital Data Converter (DCC) MK 15, Continuous Wave Illuminator (CWI) Transmitter and the Director Group. Also covered are system testing, Built-In Test Equipment (BITE) and maintenance work packages along with alignments, adjustments and Missile System Supervisor (MSS) Submode operations. System initialization, operation, maintenance, and troubleshooting are also discussed.

Prerequisites: General knowledge of electronics. Normal Color Vision. Invitational Travel Orders required. Successful completion of the UNIX for SOLARIS/LAN Overview Course

MAX number of students per class: 24

FIRE FIGHTER AND RESCUE - MASL : D309016

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a countries capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

FIRE PROTECTION SPECL - MASL : D122002

The Fire Protection Apprentice Course is a basic skills awarding training course. Training includes fire protection fundamentals; organization and safety; fire behavior; fire alarm and communications; building construction; fire prevention; emergency medical care, responder skills; emergency care plans; structural fire fighting principles; personal protective equipment; forcible entry; ropes, knots, and rescue practices; rescue activities and vehicle extrication; ladder and ventilation practices; structural fire ground operations; water supplies; hazardous materials to the awareness and operational levels; airport fire fighter; aircraft and airport familiarization; aircraft response and fire fighting principles; aircraft rescue fire fighting; live fire training; and readiness general contingency responsibilities.

FIREFIGHTING ADV S/B - MASL : P129181

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 CNETINST 3541.1D. 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.

FIREFIGHTING GENL SHPBD - MASL : P127006

FIREFIGHTING GENL SHPBD

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 CNETINST 3541.1D. 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

FIRST SERGEANT - MASL : B171199

A scenario driven, performance oriented course of instruction designed to prepare sergeants first class and master sergeants for positions of responsibility as unit first sergeants. Major subject areas include: unit personnel management and administration; leadership, discipline, and morale; logistics, maintenance, and security; physical training; and operations and training.

FIRST SERGEANT - MASL : B171203

A scenario-driven, performance-oriented course of instruction designed to prepare sergeants first class and master sergeants for position of responsibility as unit first sergeants. Major subject areas include: unit personnel management and administration; leadership, discipline, and morale; logistics, maintenance, and security; physical training; and operations and training.

FIXED WING PILOT - MASL : P118300

To provide 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. Please contact USNTPS at our website at WWW.usntps.navy.mil for further information.

FLD MGT OF CHEM CASUALTIES - MASL : B175320

The Field Management of Chemical and Biological Casualties Course (FCBC) is conducted by the US Army Medical Research Institute of Chemical Defense (USAMRICD) at Aberdeen Proving Ground, Maryland.

The course is designed for Medical Service Corps officers, Chemical Corps officers and non-commissioned officers (enlisted) in medical or chemical specialties. Classroom instruction, laboratory and field exercises prepare graduates to become trainers in the first echelon management of chemical and biological agent casualties.

Classroom discussion includes: the current global threat of chemical and biological agent use, the characteristics and effects of threat agents, recognition and emergency treatment of agent exposure, principles of triage and decontamination of chemical and biological agent casualties. Small-group exercises reinforce these casualty management principles.

In the laboratory, attendees gain valuable, hands-on experience by participating in the resuscitation of a lab animal exposed to a nerve agent stimulant.

During two days of field training, attendees establish a casualty decontamination site and use the site during scenario-based exercises to manage litter and ambulatory casualties. Using this site, attendees practice principles of personal protection, agent detection, triage, emergency treatment and decontamination of chemical casualties. Students Uniform is the field uniform.

FLIGHT ENGR/C-130/PH I - MASL : D121028

Qualifies flight engineers in the C-130E aircraft. Includes academic, simulator, and flying training.

FLIGHT MEDIC - MASL : B175179

Course Scope

The course covers the skills and knowledge in areas of aviation subjects and basic aircrew skills, Aeromedical aspects of real flight, applied medical care in flight with special focus on Advanced Basic TraumaLife Support (BLTS), Advanced Cardiac Life Support (ACLS), Pediatric Education for Prehospital Professionals (PEPP), critical care management of a patient, management and care of a critically ill or wounded casualty in a medical evacuation aircraft platform. Medical skill competencies are at the EMT-I/P level. All tasks encompass skill levels 1, 2, 3, and 4 Soldiers. This distance learning course covers 34 hours of Aeromedical and aviation subjects relevant to performing tasks required by a Flight Medic during Phase 2 of the course. Course Scope

FLIGHT MEDICAL AIDEMAN - MASL : B175279

This course covers the identification of MEDEVAC aircraft systems, monitor/stabilize/treat in-flight wounded, perform crash rescue and in-flight crew duties, load/unload Aeromedical evacuation aircraft, perform aircraft radio communication, conduct high performance hoist operations, and conduct pre-MEDEVAC treatment.

FLIGHT NURSE-NON DOD - MASL : D175017

Prepares nurses for aircrew duties at Aeromedical evacuations units. Course enables graduates to apply the tactics, techniques, and procedures to effect safe patient movement. Graduates receive the knowledge and skills required to: apply principles of altitude physiology to care for patients evacuated by air; prepare aircraft to receive patients; manage patient enplaning and deplaning; employ aircraft systems and mission equipment utilized in Joint patient movement. Students are introduced to Aeromedical evacuation doctrine, mission management, and principles of integration with specialized transport teams. The USAFSAM website will provide more guidance to potential applicants as well as class dates http://www.brooks.af.mil/web/an/fn-t_home.htm

FLIGHT SURGEON ACADEMIC - MASL : P175307

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.

FLORIDA INST OF TECH (FIT) - MASL : B151015

THIS MASL IS USED WHEN OJT IS PROGRAMMED.

FLORIDA INST OF TECH (FIT) - MASL : B170000

THIS MASL IS USED WHEN OJT IS PROGRAMMED.

FLT ENGR/TACT INSTR/C-130 - MASL : D121043

Qualifies flight engineers to perform instructor duties in the C-130. Provides training in the philosophy of instruction, student/instructor relationships, student performance analysis, lesson planning, and practical instruction. Includes academics, and flying training. Air Force policies, procedures, and instructions are studied in depth.

FLT SAFETY OFF (SATP/FSO) - MASL : D122005

Safety education for foreign officers assigned to manage flight safety programs. Provides students with an understanding of safety program management fundamentals, safety principles and mishap investigation techniques. Course includes applied Aerodynamics, engineering communications, management, psychology, accident prevention and investigation. Is general in nature, providing an overview of flight safety problems and useful methods of dealing with these problems. Includes a field visit to an operational USAF unit to conduct an on-scene safety survey. Designed as an educational process rather than a training tool to prepare an individual for day-to-day operations. Not intended to qualify personnel in any specific aircraft system. Upon graduation, the adaptation of this knowledge to local programs requires the personal motivation and initiative of the individual.

FLT SURGEON T-34/TH-57 - MASL : P119024

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 Aeromedical 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 working knowledge of the fundamental concepts of Aerodynamics, aircraft systems, emergency procedures and G-induced loss of consciousness.
- Proficiency in basic aviation ground operations.
- The ability to execute straight and level as well as turning flight.
- An understanding of standard operating guidelines associated with landing patterns, and instrument flight.

FLTENGR/FIXED WG ACFT PERF - MASL : D121040

Ground instruction on mathematics, atmosphere and physics, Aerodynamics, aircraft performance and performance log, engine theory, weight and balance, basic chart reading, winds, critical field length relationships, the TOLD card, obstacle

clearance, inflight and non-standard landing data, constant MACH range control, endurance, descent, and mission and AR planning worksheets.

FLYING SAFETY/* - MASL : D122006

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the students country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

FOOD SERVICE SPECIALIST - MASL : B163001

Introduction to cooking; small quantity cooking and baking; garrison dining facility operations, and field kitchen operations to include the Army Field Feeding System-Future (Army).

FOSCO-SUP MGT JUNIOR OFF - MASL : P152090

SUPPLY MANAGEMENT NAVY - JUNIOR OFFICERS

Provides students with a complete overview of Fleet & Industrial Supply Center (FISC) operations including: physical distribution (receiving, storage, issue, packing, transportation, shipping, hazardous material handling, and receipt processing), inventory control (inventory requirements, customer service, industrial support, and technical and requisition services), contracting, comptroller, and management planning (personnel, training supply systems, and computer systems and procedures).

FREE FALL AUTO RIPCORD REL - MASL : B148403

Personnel will receive instruction on the procedures for recovery and unit intermediate maintenance of the AR2 Automatic Ripcord Release Assembly. Personnel will receive instruction on the procedures for recovery and unit intermediate maintenance of the AR2 Automatic Ripcord Release Assembly.

FRG DECONTAMINATION PROC - MASL : B121829

Hands-on training in decontamination procedures and equipment, protective equipment, and detection procedures and equipment. Hands-on training at the CDTF simulation pads and toxic training in the CDTF training building. Training on smoke and flame employment and equipment.

FSXX1 AH64-D TRACK - ALL - MASL : B113162

Designed to provide the student with the necessary skills and knowledge required achieving pilot qualification and designation as an Army combat aviator in the AH-64D aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks, aircraft systems, navigation and command instruments systems, gunnery skills, mission planning, and safety factors appropriate to the track. Designed to provide the student with the necessary skills and knowledge required achieving pilot qualification and designation as an Army combat aviator in the AH-64D aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks, aircraft systems, navigation and command instruments systems, gunnery skills, mission planning, and safety factors appropriate to the track.

FSXXI IERW (COMM CORE) ALL - MASL : B113177

Course Scope:

Provide the student with basic rotary-wing operator skills and knowledge for qualification in the TH-67 aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight, and safety factors.

Special Information:

SPECIAL INFORMATION: This is a prerequisite for follow-on tracks. Follow-on tracks require an Interim Secret clearance.

All students will be required to successfully complete dunker qualification either before or after IERW.

FSXXI UH-60 TRACK - EN - MASL : B113157

Course Scope:

Course is designed to provide the student with the necessary skills and knowledge required to achieve pilot qualification and designation as an Army combat aviator in the UH-60 aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks, night/night vision goggles, command instrument systems, and safety factors appropriate to the aircraft.

Special Information:

SPECIAL INFORMATION: Non-DOD and Non-Us students (IAW DOD agreement) may participate in this track

FUEL PROBE/CARGO DROP MT - MASL : P145758

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.

FUELS APPRENTICE - MASL : D152013

Provides training in the skills and knowledge necessary to perform tasks related to the receipt, storage, issue, and quality control of petroleum and cryogenic products. Training is also included on Air Force publications, initiating base fuels management office accounting forms; automated data processing familiarization, and the inspection, operation, and operational maintenance of storage and dispensing equipment to include fuel servicing vehicles.

FUELS QUALITY CONTROL SPEC - MASL : D152025

Trains Air Force personnel with AFSC 2F0X1 or civilian equivalent in the knowledge and skills necessary for fuels quality control specialist duties. Includes methods and procedures used to maintain quality control while receiving, storing, and issuing aviation petroleum products. Detailed training is provided on sampling and analyzing aviation fuels to determine solids, free water, fuel systems icing inhibitor content, API gravity, flashpoint, conductivity and fiber content; care and maintenance of fuels sampling and laboratory equipment; metric system as applied to analysis; recording, reporting, and interpreting results of analysis; quality control of aviator's liquid breathing oxygen and cloud point analysis of diesel fuels; using computer systems to record and review test results. This course provides one of the prerequisites for awarding special experience identifier (SEI) 039.

FUELS/* - MASL : D152020

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FUNCTIONAL SUPPLY CENTRAL - MASL : P152003

SUPPLY MANAGEMENT NAVY - JUNIOR OFFICERS

The objective of this course is to provide international logistics officers with a complete overview of industrial supply center procedures.

FUNDAMENTAL SYS ACQ MGT CR - MASL : B151001

This course provides a broad overview of the DoD systems acquisition process, covering all phases of acquisition. It introduces the Joint Capabilities Integration and Development System (JCIDS) and resource allocation processes, the DoD 5000 Series documents governing the defense acquisition process, and current issues in systems acquisition management. Designed for individuals who have little or no experience in DoD acquisition management, ACQ 101 has proven very useful

to personnel in headquarters, program management, and functional or support offices. Objectives: Students who successfully complete this course will be able to recognize:

- Other fundamentals of defense systems acquisition management
- Other diverse, interrelated, and changing nature in the different disciplines of defense systems acquisition management
- Other regulations and governing structures of defense systems acquisition management

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other fundamentals of defense systems acquisition management; other diverse, interrelated, and changing nature in the different disciplines of defense systems acquisition management; and other regulations and governing structures of defense systems acquisition management

FUNDAMENTALS OF DEF SUPPLY CHAIN MGT (SCM) - MASL : B151789

Supply chain management integrates supply and demand management within and across activities through the flow of materials and services, information, and financials. The course focuses on the key management principles and business processes that comprise SCM and ERP implementation. Key business processes include customer/supplier relationship management, customer service management; order fulfillment demand management, supply chain mapping and network development, developing of supply chain metrics, developing and implementing partnerships in the supply chain, and supply chain information management.

FWD AIR CONT AIRBRN GROUND - MASL : P116040

FORWARD AIR CONTROLLER (AIRBORNE) GROUND TRAINING Purpose. To provide the common academic portion of the Forward Air Controller (Airborne) syllabus as outlined by Marine Aviation and Weapons Tactics Squadron One (MAWTS-1). Scope. The course provides instruction in tactics, techniques, and procedures used for controlling mortars, artillery, naval surface fires, and close air support. The course fulfills FAC(A) training requirements contained in the Marine Corps Training and Readiness (T&R) Manual. Prerequisites. Marine aviators and Marine naval flight officers assigned or will be assigned to squadrons whose missions include FAC(A). Special Notes 1. EWTGPAC N531 TACAIR controls enrollment. Direct liaison authorized, contact course manager at DSN 577-2881 for seat availability 2. Uniform is flight suit or service equivalent.

GCCS-M TRAINING - MASL : P122800

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.

GEN MTR MOD 8-645E2 DIESEL - MASL : P145435

Trains machinery technicians in the operation, maintenance, and overhaul procedures for General Motors model 567-E2 and model 8-645-E2 diesel engines.

Prerequisite: Completion of Machinery Technician A (P122219) or equivalent experience.

Note: Students must have, or report with sufficient funds (approximately USD 60) to purchase, steel-toed safety shoes for participation in this course.

GENERAL ENGLISH ONLY - MASL : B177027

This MASL would be programmed when General English Only is required. This MASL would be programmed when General English Only is required.

GENERAL MAINT TECH SUPRV - MASL : D141249

This course prepares experienced senior non-commissioned officers, selected junior officers, and civilian equivalents to perform supervisory duties and assume a greater leadership role within a maintenance complex. Additionally it provides information on organizational structure and management techniques used in the planning and developing of functional areas within a maintenance organization. The training received will increase the individuals knowledge and understanding of maintenance operations and increase their ability to function as a senior maintenance supervisor. Students are required to pass a written and or performance test at the end of each block prior to advancement to the next block of instruction.

COURSE DESCRIPTION

- BLOCK I ORIENTATION, SAFETY, OPERATIONAL RISK MANAGEMENT (ORM) This block begins with a course orientation, where students learn about the academy's policies, programs, and academic objective requirements.. This block provides detailed lectures and discussions on maintenance safety doctrine, supervisory safety responsibilities and practices, in-depth fundamentals concepts of the Organizational Risk Management (ORM) program.
- BLOCK II QUALITY ASSURANCE. This course also provides the student with the fundamentals necessary to perform the quality assurance function. Subjects covered include: In depth fundamentals concepts to the ORM program, Safety Analysis and Inspections, the role of QA and responsibilities in evaluating and assessing personnel proficiency (including the quality and effectiveness of training programs), equipment and aircraft condition, and the management of specific programs that ultimately increase mission effectiveness. The Quality Assurance Program (QAP) is designed as a flexible feedback system for maintenance leaders, supervisors, and workers. Students learn methods to detect negative trends, problems areas, inform and prepare reports of these problems, their likely causes, and possible corrective actions. Quality assurance inspection concepts include: different types of evaluations, inspections and observations that are in the QAP.
- BLOCK III TOTAL QUALITY MANAGEMENT The objective of this lesson is for each student to know the evolution of Quality and its principles. Students are introduced to quality approach practices and how they differ from other management styles. The student also learns the concept of quality principles and practices in today's military environment. It also provides the student with comprehension on team dynamics and how to apply team leader skills to manage a successful team. They also have the opportunity to use selected decision tools enhancing continuous improvement efforts, as well as selected data and problem analysis tools.
- BLOCK IV TECHNICAL ORDER SYSTEM Students learn the purpose, authority, and use of the USAF technical manual system, and illustrated parts breakdowns. Interpret and select the proper technical data.
- BLOCK V SUPERVISORY ON-THE-JOB TRAINING (OJT) The student is exposed to the On-the-Job-Training Program. The students learn the structure of the program and responsibilities to the training program. It also teaches supervisors how to plan, conduct, evaluate and document training.
- BLOCK VI WEIGHT AND BALANCE Students are introduced to the tremendous importance of knowing weight and balance concepts in aircraft maintenance operations. Students learn and perform mathematical formulas used to calculate aircraft weight changes, practical exercises, proper forms documentation, technical data, familiarization with weighing scales, and the actual weighing of an aircraft.
- BLOCK VII SUPERVISORY MANAGEMENT Students are provided with working knowledge of the principles and techniques of effective personnel management to include: supervisory responsibilities, the management process, effective leadership

GENERAL PROSTHODONTICS - MASL : P175204

NOTE: NO LONGER OPEN TO FOREIGN STUDENTS.

A 5-day course in prosthodontics designed for the general practitioner. The course will cover a broad spectrum of treatment, from asic 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 are also presented.

GEOSPAT DIGIT DATA USER CR - MASL : B125104

This MASL can only be programmed if country has a co-production agreement in accordance with NGA.

GEOSPATIAL INFO&SVCS JSOC - MASL : B125089

Purpose: The Mapping, Charting, and Geodesy (MC&:G) Staff Officer Course provides an understanding of key organizations, concepts, systems, and procedures involved in the production and use of printed and digital maps, charts and digital information. The course emphasizes areas of interest to the staff officer, the planner, and the supervisors who need to better understand DMA and its products. Target Audiences: DoD personnel in MC&G billets, supervisors whose personnel utilize DMA products, staff officers (especially S/G/J-2s and 3s) and intelligence personnel from all Services, Commands, and DoD Agencies. Topics Include:

- Fundamentals of MC&G as they impact the staff officer's planning responsibilities, an overview of DMS's products, support and technology, and an introduction to the requirements process. MC&G Fundamentals:
- Datums, Grids, and Projections - Product Accuracy
- Introduction to Global Positioning Systems (GPS)
- Geographic Information Systems (GIS)
- Remotely Senmsed Imagery (RSI)
- Photogrammetry MC&G Support:
- Requirements Process
- International Agreements
- Crisis Support
- DMA MUSE Software
- Customer Support Teams DMA Products & Services:
- DMA Softcopy Catalog
- Distribution
- Standard Digital Products
- Standard Paper Products

GLOBAL ANTI-TERRORISM AND OPER/READ COURSE - MASL : B121001

Current operational intelligence and situational reports for applicable theaters (CONUS / OCONUS), new information relating to tools and equipment, US and Foreign Ordnance, Improvised Explosive Devices (IEDks), and the latest developments within the EOD Community. Various classes are conducted by external sources that represent a variety of Intelligence Agencies, EOD Technical Centers and Subject Matter Experts (Technicians) in both classroom and field environments.

GROUND DEFENSE COMMAND - MASL : D173041

Page Last Updated: 11 Apr 2006This course number is a conversion of course L3OZR31P4-001 to comply with the new TC course numbering system. Any questions regarding this course should be directed to the SF Training Managers, TSgt Joseph Diaz, joseph.diaz@lackland.af.mil or TSgt Keith Marshall, keith.marshall@lackland.af.mil, DSN 473-5604. This course provides training in the knowledge and skills needed for assignment to a headquarters/Base Defense Operations Center (BDOC) staff position. The scope of training includes planning Air Base Defense (ABD) operations and the operations of the BDOC.

GROUND SAFETY - MASL : D122008

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job

GROUND SUPPLY OFFICER - MASL : P152801

PURPOSE: To train entry level Marine officers in the skills necessary to perform the duties of a ground supply officer in the Operating Forces with an emphasis on the battalion/squadron level.

SCOPE: This course is designed to prepare the newly minted supply officer for duties in a variety of supply chain management responsibilities in line with emerging concepts and policies of Global Combat Support System - Marine Corps. Distribution, capacity, production, and order management are baseline concepts the officer will learn throughout this course.

An understanding of automated requisitioning and supply management systems is recommended due to the technical nature of this course.

UNIFORM/EQUIPMENT REQUIREMENTS: Students should bring appropriate service uniforms. Students will check in wearing the Service "A" uniform. Utility uniform will be worn for all periods of instruction Monday-Friday. Service "C" uniform will be worn occasionally on Friday as directed by the school commander. The uniform for graduation is the Service "C" uniform. PT gear (green/green) is also required to include sweats during winter months.

GUNNERSMATE "A" - MASL : P122210

This course teaches enlisted personnel to perform at the job entry level in the Gunner s Mate rating. The following topics are covered: basic leadership, fundamental electricity, small arms and machine guns (less than 25mm), ammunition and magazines, administration and preventative maintenance system (PMS), Coast Guard ordnance, and the MK36 Decoy Launching System.

NOTE: THIS COURSE IS A PREREQUISITE FOR P122701, "MK75 76MM OPS & MAINT GM11".

HARPOON - EOD - MASL : P193135

Trains selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

HARPWPN SYS(Deact-See TCC) - MASL : P122211

This course provides designated operator personnel with an understanding of the principles of operation, knowledge and skills necessary to perform engagement planning for the Harpoon Weapon System, (Surface Applications).

SCOPE: Training includes practical application in Weapon Control Indicator Panel (WCIP) Activation; performance of operator tests; simulated engagements, missile initialization and launch from the Weapons Control Indicator Panel. Classroom instruction prepares students for practical application labs and also covers Weapons Control Indicator Panel operation and interface with the Harpoon Weapon System and other Fire Control Equipment.

Training sites utilize canister configuration as a core and discuss differences associated with different platforms.

PREREQUISITES: Must hold security clearance at least 14 days prior to class convening date.

HEALTH SERVICES ADMIN - MASL : D175010

Trains newly commissioned USAF Medical Service Corps (MSC) officers in the knowledge and skills needed to perform the duties in Health Services Administration. Prepares MSC officers for performance of administrative duty with the USAF Medical Service and emphasizes techniques for effective management of Air Force medical resources: personnel, facilities, funds, and materials. Course includes instruction in communication techniques, medical practice management, resource management, medical logistics, personnel and administrative services, medical readiness, information systems management, health plan management, core competencies and executive leadership skills. Course is designed to incorporate team interaction through case studies, role playing, problem solving, and group dynamics. The course emphasizes personal interaction within the medical facility and interpersonal relationships with all members of the Air Force community. Class is divided into specialty groups during the last 3 weeks to simulate actual work experience. Students are assigned duty as requested by their gaining commander. Students will bring a copy of their Information Assurance (IA) certificate. This is necessary for computer usage. Failure to do so will delay the student starting class.

HEALTH SERVICES TECH 'A' - MASL : P175005

This college level course teaches the student hands on sick call conditions and treatments in a clinic setting, medical laboratory skills, medical administration, nursing care of the sick and injured, preventive medicine procedures, medical asepsis and sterilization techniques, and the anatomy and physiology of the human body. The student also learns emergency medicine techniques, procedures and protocols.

HEAVY CONSTRUCTION EQUIPMENT OPERATOR - MASL : B174106

21E10 POI encompasses all skill level 1 critical tasks selected for resident training as listed in STP 5-21E12-SM-TG, providing training in: 16 hours of introduction to MOS 21E10 Heavy Construction Equipment Operator Course which introduces the facility, course procedures, and criteria for successful course completion, course safety; environmental stewardship; and The Army Maintenance Management System (TAMMS), and Accident Avoidance class. 264 hours of MOS specific training in operating a motor transport vehicle with semiautomatic transmission and lowbed trailer, a crawler tractor, a motorized scraper, a scoop loader, and a motorized grader.

HELICOPTER MECH - BASIC - MASL : D141257

This course teaches students at the apprentice level fundamental elements of inspection, servicing, functional checks, preventive maintenance, and component familiarization and function on rotary type aircraft and related equipment. Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

COURSE DESCRIPTIONS

- BLOCK I GENERAL SUBJECTS This block begins with a course orientation, where students learn about the academy's policies, programs, and academic objective requirements. Students are given an introduction to safety doctrine and practices. They are taught the importance of ground safety and its affects on the maintenance activity with emphasis on awareness and compliance. The student will also learn how to identify and properly use maintenance manuals and other reference materials. In addition, the student will learn about the responsibilities of the helicopter maintenance organization and the different levels of supervision. Students are also instructed on how to perform different types of preventive maintenance procedures, required inspections, and documentation.
- BLOCK II GENERAL HELICOPTER MAINTENANCE During this block of instruction the student is taught how to properly identify and use common and special tools. Students will learn to identify different types of aircraft hardware and aircraft tubing and hoses according to their color-coded decals. This block will teach the student how to correctly select and install safety devices. The purpose, operation, and safety for different types of powered and non-powered ground support equipment are taught during this block. The student learns to recognize and treat different types of corrosion and the procedures for corrosion control. Helicopter ground handling is also included in this block. The students learn hand signals and proper towing procedures. Step by step refueling and de-fueling procedures are discussed during this block. The student will remove, inspect and install the helicopter main landing gear. Students are familiarized with the theory and construction of the UH-1 helicopter.
- BLOCK III HELICOPTER SYSTEMS This block will familiarize students with the fundamental theory of operation, purpose, and component location of helicopter systems to include hydraulic, electrical, instruments, utility, and fuel systems. Through schematics students are able to visualize the entire flow of these systems and learn the functions of various valves and pumps located within them. They will also learn the identification of different instruments and the meaning of range markings.
- BLOCK IV HELICOPTER POWERPLANT This block provides students with the operating principles of jet engines. It highlights and compares the T-53-L-13B engine theory to other known turbine engines. Students are taught the theory of operation for each T-53 engine system. This block also teaches the proper removal and procedure for installation of the T-53 engine.
- BLOCK V MAIN AND TAIL ROTOR SYSTEMS This block begins by familiarizing students with different types of main rotors and their major components. Students will remove the stabilizer bar, main rotor, and blades from a UH-1H helicopter. They will learn the procedures for the stabilizer bar damper check. Familiarization with the tail rotor system is also taught within this block. Students will remove and install the tail rotor, and the pitch change mechanism is discussed. Students are then taught about helicopter vibrations and its affects in flight.
- BLOCK VI POWER TRAIN SYSTEM This block is designed to familiarize students with information about the helicopter power train system. Students will remove and install the main transmission and all its major components. The removal and installation of the tail rotor drive shafts, hanger bearing assemblies, and 42 degree and 90 degree gearboxes

HELO-SHIP INTF/FLT (INDIA) - MASL : P118304

HELICOPTER-SHIP INTERFACE AND FLIGHT TEST TECHNIQUES

1. Background of Trainees.
   a) Experimental Test Pilots qualified from Aircraft and Systems Testing Establishment (ASTE), Bangalore.
   b) Average experience on helicopters 1500+
   c) Operational experience in ship borne helicopter operations.
   d) Qualified day/night ashore and afloat on twin engine helicopters.

2. Course Duration. 4-6 weeks of ground sessions with Simulated flight time of 10 hours per trainee. The trainees should be provided with adequate course material for future use.

3. Course Content and Post-Course Requirements. On completion of the course, the trainees should achieve competency in the following topics:

a) Aerodynamic considerations in helicopter deck modeling, layout and relevant specifications.
b) Wind Envelope definition and testing of new ships and offshore platforms.
c) Flight test techniques for ship-helo dynamic interface assessment
d) Flow visualization and wake-mapping around hanger/superstructure on prototype heli-decks and on addition/modification to existing decks.
e) Airframe structural considerations (tie downs under ship pitch and roll conditions, for example)
f) Design specifications for heli-decks.
g) Ship wind effects - flow visualizations, measurement, recording and instrumentation.
h) Ship motion effects - instrumentation.
i) Ship helicopter operating limitation development - methods, criteria.
j) Introduction to modern ship-borne landing aids and their design specifications.
k) Test techniques for evaluation of ship-borne landing aids and their installation/calibration techniques.
l) Wind Envelope definition/testing of Carrier decks.
m) Evaluation techniques of night vision devices for marine application.
n) Introduction to ship-borne Unmanned rail Vehicle (UAV) flight-testing concepts.

HEMISPHERIC DEF & SECURITY - MASL : B171810

The IADC is an international educational institution operating under the guidance and funding of the OAS and the Inter-American Defense Board. It provides a professionally oriented, multidisciplinary, graduate-level course of study. This eleven-month program provides senior military and government officials with a comprehensive understanding of governmental systems, the current international environment, structure and function of the Inter-American system, and an opportunity to study broad based security issues affecting the Hemisphere and the world. The development of these concentrations is accomplished through the detailed study of political, economic, psychosocial, and military factors of power. The College takes advantage of the unparalleled educational and research facilities in the Washington D.C. area as well as external academic visits to the Americas. Faculty and students also engage in research and publishing.

HIGH ALT MNTN QUAL - ADV - MASL : B113222

This MASL is used when High Alt Mountain Qual - ADV is programmed.

HM-SCH BAS - MASL : P175504

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.

HQWK PH III PIP OFFICER - MASL : B193658

In this course you will learn as a Commissioned Officer to perform duties as Tactical Control Officer and Platoon Leader in a Phase III HAWK Battery. Students are taught characteristics, capabilities, and functions of Phase III HAWK System. Daily checks, PCP operator functions, Missile Transfer, preventive maintenance, air battle management and system operations.

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HUMAN RESOURCES SPECIALIST - MASL : B165524

UTILIZE SOFTWARE APPLICATIONS; PREPARE MILITARY CORRESPONDENCE; CASUALTY REPORTING; PREPARE PERSONNEL ACTIONS; PREPARE STRENGTH MANAGEMENT AND ACCOUNTING REPORTS; PREPARE PROMOTION ACTIONS; PREPARE REASSIGNMENT ACTIONS; PREPARE PERSONNEL ACCOUNTING ACTIONS; UTILIZE QUERY. THE COURSE ALSO INCLUDES A 72 HOUR FTX.

HUMAN RIGHTS INSTRUCTOR - MASL : B166150

In-depth discussions of relevant topics followed by practical exercises, topics to be explored include a human rights core block of instruction, to include ethics; the doctrine of just war; the historical development of human rights; case law; pertinent documents and principles; the relationship between human rights and the law of armed conflict, and a case study on the My Lai massacre; performance-oriented instruction; learning analysis; test construction, and presentation techniques; seminar on current issues on human rights and practical exercises within a crisis operation center environment (all exercises are critiqued and terminated with thorough after action reviews).

HYDRAULIC SYSTEMS & EQUIP - MASL : P145423

Review of hydraulic principles, components and circuitry, operation and maintenance of hydraulically operated tools, machinery and systems.

Prerequisite: Completion of Machinery Technician A (P122219).

Note: Students must have, or report with sufficient funds (approximately USD 60) to purchase, steel-toed safety shoes for participation in this course.

I LEV CALIB PHASES B&D - MASL : P141065

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.

ICAF - MASL : B171806

The Industrial College of the Armed Forces (ICAF) is a component of the National Defense University. ICAF is the premier DoD Joint Professional Military Education (JPME) institution for national security resource management. ICAFs mission is to prepare selected military and civilians for strategic leadership and success in developing the national security strategy and in evaluating, marshalling, and managing resources in the execution of that strategy.

ICAFs 10-month academic program consists of two major components--core curriculum and electives/research. The core curriculum covers National Strategy and Resource Management for National Security. The academic year begins with a brief Introductory Thematic Term followed immediately by a full Second Term featuring National Security Policy and Strategy formulation and execution, Economics (Macroeconomics), as well as Regional Security Studies. The Third Term focuses on Military Strategy, Logistics, and Leadership. The Fourth Term provides a capstone to the years study devoted to Acquisition, Economics (Microeconomics), and Industry Studies. The Regional Security Studies, Industry Studies, and Elective programs enhance the integration of all four Terms for a comprehensive learning experience.

Upon successful completion of the Colleges requirements, qualified graduates earn a Master of Science degree in National Resource Strategy.

ICAF (SPECIAL)- CANADA - MASL : B171804

The Industrial College of the Armed Forces (ICAF) is a component of the National Defense University. ICAF is the premier DoD Joint Professional Military Education (JPME) institution for national security resource management. ICAFs mission is to prepare selected military and civilians for strategic leadership and success in developing the national security strategy and in evaluating, marshalling, and managing resources in the execution of that strategy.

ICAFs 10-month academic program consists of two major components--core curriculum and electives/research. The core curriculum covers National Strategy and Resource Management for National Security. The academic year begins with a brief

Introductory Thematic Term followed immediately by a full Second Term featuring National Security Policy and Strategy formulation and execution, Economics (Macroeconomics), as well as Regional Security Studies. The Third Term focuses on Military Strategy, Logistics, and Leadership. The Fourth Term provides a capstone to the years study devoted to Acquisition, Economics (Microeconomics), and Industry Studies. The Regional Security Studies, Industry Studies, and Elective programs enhance the integration of all four Terms for a comprehensive learning experience.

Upon successful completion of the Colleges requirements, qualified graduates earn a Master of Science degree in National Resource Strategy.

IE DEVICE DEFEAT IEDD-T3 - MASL : B126002

Introduction. The purpose of the IEDD-T3 course is to train selected personnel for unit led IED Awareness Training (Train the Trainer). With a specially trained cadre of IED Awareness Instructors to conduct unit training, Commanders can be confident that Soldiers in their command will have a better understanding of how IEDs are deployed, how to identify potential IED sites and the TTPs required before, during and after and an IED threat. Commanders can develop the confidence and awareness in their Soldiers and Leaders prior to, and throughout, the units deployment.

Training is relative to both OIF and OEF deploying units.

IERW AVR (COMM CORE)-NTH - MASL : B113100

Provide the student with basic rotary-wing operator skills and knowledge for qualification in the TH-67 aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight, and safety factors.

IERW CH-47D TRACK - MASL : B113146

Course Scope:

Designed to provide the student with the necessary skills and knowledge required to achieve pilot qualification and designation as an Army combat aviator in the CH-47D aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks, flight planning, night/night vision goggles, command instrument systems, and safety factors appropriate to the aircraft.

Special Information:

SPECIAL INFORMATION: Non-DOD and Non-US students (IAW DOD agreement) may participate in this track.

IERW OH-58A/C TRACK - ALL - MASL : B113103

Track is designed to provide the student with the necessary skills and knowledge for qualification and designation as an Army combat aviator in the OH-58A/C aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks, and safety factors appropriate to the track.Track is designed to provide the student with the necessary skills and knowledge for qualification and designation as an Army combat aviator in the OH-58A/C aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks, and safety factors appropriate to the track.

IERW UH-60 TRACK - MASL : B113145

Course is designed to provide the student with the necessary skills and knowledge required to achieve pilot qualification and designation as an Army combat aviator in the UH-60 aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks and safety factors appropriate to the track. Course is designed to provide the student with the necessary skills and knowledge required to achieve pilot qualification and designation as an Army combat aviator in the UH-60 aircraft system. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, instrument flight tasks, combat skills flight tasks and safety factors appropriate to the track.

IF PREPARATORY COURSE - MASL : B171805

The International Fellows Preparatory Course prepares the Fellows for the rigorous academic programs at NWC or ICAF and transitions the Fellow and his family into living in the Washington D.C. area. The first few days are devoted mainly to in processing and briefings on the metropolitan area. During the 8 weeks program from mid June to mid August, the Fellows will receive orientation briefings from many NDU organizations as well as several days of computer training and effective writing

in English Classes. The Fellows also begin their Field Studies with trips to various locations within the United States. Families are included in most of the local orientation events to include bus tours, picnics and other social gatherings.

IHSAP-CAT A - MASTERS DEG - MASL : P169265

IHSAP is a 36 semester hour non-thesis Master of Science in Hydrographic Science degree offered by The University of Southern Mississippi (USM).

Students enter the program in the fall semester and complete 15 hours of classroom and laboratory studies. Instruction continues with another 15 hours of lecture and laboratory coursework in the spring semester. During the summer semester, there are 6 hours of lecture and practical instruction that ends with a hydrographic field project.

The hydrography curriculum has received Category "A" Certification from the International Federation of Surveyors/International Hydrographic Organization Advisory Board on Standards of Competence for Hydrographic Surveyors.

Students seeking admission to the degree program must (1) meet the general admission and academic requirements for all graduate programs as outlined in USM s Graduate Bulletin, (2) complete the Graduate Record Examination, (3) complete the Test of English as a Foreign Language, (4) have a 3.0 or better grade point average for the last two years of undergraduate study, (5) have letters of recommendation sent by three individuals, and (6) submit a two to three page letter of intent expressing their academic, research, and career goals.

The classes are conducted in the USM Department of Marine Sciences facilities located at Stennis Space Center, Mississippi, which is 40 miles (64 km) east of New Orleans, Louisiana, and 35 miles (56 km) west of Gulfport, Mississippi. There is no public or government transportation available. Students should be prepared to coordinate or provide their own transportation from their billeting area to Stennis Space Center during their participation in IHSAP. Students without dependents are required to live at the Navy Construction Battalion Center, Gulfport if bachelor officer quarters are available.

Additional information about the Master of Science in Hydrographic Science degree can be found at the Naval Oceanographic Office Home Page (www.navo.navy.mil) and the USM Department of Marine Sciences Home Page (www.marine.usm.edu).

INDUSTRIAL FAMILIARZ (KS) - MASL : P179476

INDUSTRIAL FAMILIARIZATION

Purpose: This course provides the knowledge, and skills that enable students to fulfill the ITT billets performance requirements.

This course 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

Security Clearance of SECRET

Normal color vision

Invitational Travel Orders required

ECL Score of 70%

INDUSTRL MAINT MGT/LOG 131 - MASL : D178053

Improves the management abilities of entry- and mid-level managers and supervisors assigned to the DoD depot maintenance system. Examines industrial maintenance management principles and analytical techniques to determine how they can best be applied to enhance support of operational combat forces. Emphasizes the use of computer-based information and reports, forecasting, and human factors present in problem analysis and decision making. Evaluates activities required to determine and manage industrial workload cost, and studies their interrelationships.

INFANTRY BASIC OFFICER LEADER - MASL : B121260

Combined arms tactics (tactical doctrine and operations, air assault operations, military operations on urban terrain, artillery, engineer, and NBC operation and field training exercises); staff subjects (intelligence, operations, logistics, and training management); general subjects (military leadership, land navigation, legal subjects, medical subjects, effective writing, physical training, and special presentations); communications/electronics; unit/materiel readiness; weapons (individual, special-purpose, and crew-served weapons and anti-armor weapon systems).

INFANTRY MORTAR PLATOON - MASL : B121183

Tactical Employment of the Infantry Mortar Platoon; Fire Support Planning; mechanical training and live fire exercises; forward observation procedures; maintenance; survey techniques.

INFANTRY SQUAD LEADER - MASL : P121034

This course provides instruction in offensive, defensive and patrolling operations, land navigation, supporting arms, and close combat skills. Additionally, instruction includes the maintenance, operation and employment of the following weapons and equipment organic to the Infantry Battalion: the AN/PVS-4, AN/PVS-5 and AN/TVS-5 night vision equipment, the AN/PRC-68, AN/PRC-77, TA-1/PT and TA-312/PT communications equipment, the M16A2 service rifle, M203 grenade launcher, M249 squad automatic weapon, the M60-E3, the AT-4 and Mk 153 SMAW assault weapons, M224 60mm mortar and mines and demolitions.

NOTE: THIS COURSE IS A PREREQUISITE FOR P121036, "INFANTRY UNIT LEADERS COURSE (M03H5K4)

INFANTRY SQUAD LEADER CRS - MASL : P121035

INFANTRY SQUAD LEADER CRS

This program of instruction provides a Marine with the knowledge and skills required of an 0311, Infantry Squad Leader. A Marine receives training in communications, train the trainer, troop leading, infantry rifle company weapons, scouting and patrolling, offensive and defensive tactics and techniques, and mobility. Upon completion of this course, a Marine is capable of performing as a rifle squad leader in an infantry rifle platoon.

Prerequisites: Student must be a Corporal or Sergeant (E-4 or E-5). A student must not have any personal, legal, or medical issues that would interfere with their ability to successfully complete the course. A student must meet Marine Corps height, weight, and body fat standards and must be capable of passing the Marine Corps physical fitness test.

THIS COURSE IS A PREREQUISITE FOR P121037, "INFANTRY UNIT LEADERS COURSE (M10H5K2).

INFANTRY UNIT LEADER CRS - MASL : P121037

INFANTRY UNIT LEADER CRS

A Marine receives training and education in machineguns and machinegun gunnery; mortars and mortar gunnery; anti-armor weapons and anti-armor operations; Marine Corps leadership, Marine Corps planning process, law of land warfare, anti-terrorism force protection, written communications, verbal communications, military justice, and personnel administration; section and platoon leadership; platoon/company defensive tactics; platoon/company offensive tactics; platoon patrolling; and fire support. Upon completion of this course, a Marine is capable of performing as a rifle platoon sergeant, weapons platoon sergeant, machinegun section leader, heavy machinegun platoon sergeant, 60mm mortar section leader, 81mm mortar section leader, Javelin section leader, anti-armor platoon sergeant, and anti-tank (TOW) section leader.

Prerequisites: A student must be a Staff Sergeant or Gunnery Sergeant (E-6 or E-7). A student must not have any personal, legal, or medical issues that would interfere with their ability to successfully complete the course. A student must meet Marine Corps height, weight, and body fat standards and pass the Marine Corps physical fitness test. Non-compliance with the height weight and body composition standards or PFT failure will result in recommendation for disenrollment from IULC.

An initial performance assessment is conducted upon arrival at IULC to test infantry basic and squad leader level skills. Assessment failure will result in formal counseling and establishment of a plan to bring the student to a baseline where IULC core curriculum can begin. The training schedule is aggressive with no time allotted to refresh students on prerequisite core competencies. The student is expected to dedicate his own time and effort to refresh this information with the guidance of instructors.

NOTE: INFANTRY SQUAD LEADER COURSE (P121035) IS A PREREQUISITE FOR P121037, "INFANTRY UNIT LEADERS COURSE (M10H5K2).

INFANTRY UNIT LEADER CRS - MASL : P121036

This course provides the knowledge and skills required by an Infantry Unit Leader to perform as a rifle platoon sergeant, weapons platoon sergeant, machinegun section leader, heavy machine gun platoon sergeant, 60mm mortar section leader, 81mm mortar section, leader, Javelin section leader, anti-armor platoon sergeant, and anti-tank (TOW) section leader. Student will receive training and education in machine guns and machinegun gunnery; mortars and mortar gunnery; anti-armor weapons and anti-armor operations; leadership planning process; law of land warfare, anti-terrorism force protection, written communications, verbal communications, military justice, and personnel administration; section and platoon leadership; platoon/company defense tactics; platoon/company offensive tactics; platoon patrolling; and fire support.

Prerequisites: SSgt Sergeant (E-6) - Gunnery Sergeant (E-7).

Must be capable of passing the Marine Corps physical fitness test.

INFANTRYMAN BNCOC - MASL : B129907

Infantryman BNCOC is broke down into two parts: CMF 11 common Infantry training and CMF 11B specific training. CMF 11 Common Infantry Training includes: Pre-course examination; day and night land navigation; virtual and constructive simulations (CCTT, J-CATS, and the EST 2000); Advance Infantry Marksmanship Training (AIMSS); tactical employment of machine guns; FBCB2; forward observer procedures; and maintenance procedures. CMF 11B specific Infantryman training includes: Combat operations (FTX); PLGR; Javelin; squad battle drills; demolitions; and End of Course Exam.

INFO SPEC (JOURNALIST) - MASL : B164592

This course is designed to provide instruction in the theory, concepts and principles of community relations within the military public environment; the interaction of military/civilian publics; introduction to research methods; fundamentals of print journalism to include acceptable media English as it applies to news writing with emphasis on style, format and techniques; newspaper feature leads, headlines, copy structure and organization, news stories, instruction unique to each military service; newspaper production, layout and design; basic operation of the digital camera, photojournalism skills; and writing for radio broadcast.

INFO SYS MT(Deact-See TCC) - MASL : P145037

INFORMATION SYSTEMS MAINTENANCE TECHNICIAN

To provide journeyman level instruction on organizational and system maintenance for shipboard and ashore end-to-end information systems, including Global Command and Control System (GCCS) and Naval Tactical Command Support System (NTCSS) related components.

SCOPE: Instructional areas include Local and Wide Area Networks, desktop computers, Tactical Advanced Computer-Three (TAC-3), Tactical Advanced Computer-Four (TAC-4), Uninterruptable Power Supplies (UPS), Satellite Communications (SATCOM) peripheral devices, ON-143(V)6, Generic Front-end Communications Processor (GFCP), Link Converters, Fiber Optic repair, XYLAN OMNI switch, and Advanced Technical Information Support System (ATIS). Provides a working level knowledge of Windows NT, UNIX, Cisco Internetworking Operating Systems (IOS) and an overview of Global Command and Control System (GCCS) and Naval Tactical Command Support System (NTCSS) applications. Provides instruction on initial system setup, basic administration and operational checks on the various systems.

INFO SYS OPNS PREPARATORY (53A) - MASL : B155435

Signal organizations and hierarchy, telecommunications and electronics fundamentals, Army and Joint information systems, planning, implementation and management of data networks (computer and computer networks).Signal organizations and hierarchy, telecommunications and electronics fundamentals, Army and Joint information systems, planning, implementation and management of data networks (computer and computer networks).

INFO SYS SECURITY MANAGER - MASL : P155411

INFORMATION SYSTEMS SECURITY MANAGEMENT COURSE M09D3H1

This course introduces the distinct aspects of Information Systems Security (INFOSEC): confidentiality, integrity, and availability. Practical experience is provided in identifying threats and vulnerabilities associated with sensitive information stored in information systems and providing safeguards against unauthorized access, modification, destruction, and denial of services. Topics presented include: system security plan, risk assessment, contingency planning, security test and evaluation, certification and accreditation, physical security, malicious code protection, sensitive data handling procedures, incident response, multiple platform level security requirements, system auditing, user and administrator security training, and development of a security awareness program.

Course Prerequisites

E-6 through E-8. Officers and civilians whose primary or additional duties include Information Assurance may attend. Complete the Senior Career Course. ITO must include security clearance to attend. Must complete the Information Assurance Distance Learning Course (DI5510).

INFO SYS TECH CLASS A - MASL : P139361

INFO SYS TECH CLASS A

To provide the basic knowledge and skills required to enable personnel to perform at the "job entry" or apprentice level in the IT rating.

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 restorable 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.

INFO TECH CAPTIAL PLANNING - MASL : B155441

This course focuses on state-of-the-art strategies for IT Capital Planning, with an emphasis on assessing and managing information technology (IT) as a portfolio of investments. The three phases of the IT investment management process are considered: selection, control, and evaluation of proposals; on-going projects; and existing systems. The relationship of IT performance measures to mission performance measures is explored. The course examines the roles of the CIO and other managers in developing IT assessment criteria and considers how the criteria are used in planning and managing the IT portfolio. Individual and team exercises are employed, including a simulation of the operation of the Investment Review Board.

INFO WARFARE APPL CRS - MASL : D121092

The Information Warfare Applications Course (IWAC) educates students in the fundamental principles of Information Operations in accordance with AF Doctrine Document 2-5. The objective is to provide students with a broad understanding of Information Operations Doctrine and insight into how Information Operations are applied across the full spectrum of conflict from peace to war. The course is taught at the college level through lectures, seminars, practical exercises, readings and computer based lessons. Classes are offered eight times a year with an enrollment of 70 to 80 students per class.

INFORMATION MANAGEMENT APR - MASL : D161005

This course is designed to provide training for personnel in AFSC 3A031. Information presented in the E3ABR3A031 00AB course includes the following five blocks: Introduction to Information Management, Office Automation Software, Content Development and Management, Information Management Functions and Electronic Communications, and Network Infrastructure.

INFORMATION OPS-SPANISH - MASL : B129201

Common baseline of IO knowledge upon which to correctly and legally employ IO tools and techniques; five foundational elements of IO integration and coherence: intelligence and exploitation; information projection; information protection, and organization, training, and equipping; including a combination of instructor lectures; guest speakers, and guided discussions; mandated minimum of 12 hours of instruction of human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society. Common baseline of IO knowledge upon which to correctly and legally employ IO tools and techniques; five foundational elements of IO integration and coherence: intelligence and exploitation; information projection; information protection, and organization, training, and equipping; including a combination of instructor lectures; guest speakers, and guided discussions; mandated minimum of 12 hours of instruction of human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

INFORMATION SYSTEMS COURSE - MASL : D155065

COURSE DESCRIPTION

- BLOCK I - INFORMATION TECHNOLOGY SECURITY: Students will learn how to defend against tactics used by computer criminals (commonly called hackers) to infiltrate computer systems to gather personal/company information (data, video, audio). They will learn how to combat an attack on a computer network to prevent malicious programs (viruses, Spyware, etc.) from taking over a network. Customer service training will help students better understand customers to achieve a more cohesive working environment.
- BLOCK II - COMPUTER SYSTEM BASICS: Students will be taught the history of computers. Students will learn how computers work and how they continuously change. They will receive a brief introduction to Artificial Intelligence [(AI), neural networks, remote agents, etc.].

- BLOCK III - WINDOWS OPERATING SYSTEMS: Students will learn how to install and use the most common Windows operating systems: DOS, Windows 98, Windows NT, Windows 2000 and Windows XP. By the end of this block, each student will be able to independently install, configure and use each of these operating systems.
- BLOCK IV APPLICATIONS SOFTWARE Students will learn how to install and use Microsoft Office 2000 (Word, Excel, PowerPoint, Outlook), Adobe Reader, WinZip, Anti-Virus software, Anti-Spyware software, CD-reproduction software (also called burning or recording software), scanner software and Personal Digital Assistants (PDAs). They will also learn how to operate the Smart Board system (www.Smarttech.com), which allows personnel to enhance any presentation or class. In addition, the course includes a non-technical basic survival PC troubleshooting section to help students troubleshoot their computers.

INFORMATION SYSTEMS OPERATOR-ANALYST - MASL : B155450

Instruction will include the following topics: microcomputer software, operating systems, software utilities, assembly/disassembly of microcomputers, data communications, local area networks (LANS), tactical LANS, problem solving structured design techniques, database system design and development (programming), error recovery, data security, Defense Message System, computer configuration, operation and maintenance, and network configuration and troubleshooting. Instruction will include the following topics: microcomputer software, operating systems, software utilities, assembly/disassembly of microcomputers, data communications, local area networks (LANS), tactical LANS, problem solving structured design techniques, database system design and development (programming), error recovery, data security, Defense Message System, computer configuration, operation and maintenance, and network configuration and troubleshooting.

INFORMATION SYSTEMS OPERATOR-ANALYST BNCOC - MASL : B155460

The student will receive training consisting of instruction in MOS specific technical training. The course will provide the student with MOS specific training that will consist of computer technology; data communications; communications security; routing network academy theory and practices (CISCO) Part 1-4; Window 2000 operating system domains and server functions and the Unix/Solaris operating system, system admin/network manager security; the Tactical Internet Manager system (TIMs) for the Force XXI Battle Command Brigade and Below (FBCB2), Enhanced Position Location Reporting System (EPLRS), Single Channel Ground & Airborne Radio system (SINCGARS), Precision Lightweight Global Positioning System Receiver (PLGRs), the Near Term Digital Radio (NTDR); Defense Message System (DMS) with particular emphasis on Operating System Administration (OSA), problem solving using structured design techniques for a 5th generation Database Management System (DBMS); site maintenance; plans and operations.

INFORMATION SYSTEMS OPNS - MASL : D156011

This course is designed to provide personnel for AFSC 3C031. Information presented includes Communications and Information Systems Fundamentals, Computer and Network Fundamentals, UNIX Operating System Fundamentals, Client Operating System Fundamentals, Network Operating System Fundamentals, and Network Management Fundamentals. The client operating system and the networking operating system are Microsoft Windows 2003 Server with Exchange Server and Network Operating System Fundamentals Microsoft Windows 2003 Professional.

INITIAL NAV AV SURV TRNG - MASL : P117432

Required appropriate Initial Naval Survival training per OPNAVINST 3710.7S for enlisted aircrew students, prospective military/civilian Aeronautically designated personnel, exchange aircrew, and both U.S. Military and Foreign services.

SCOPE: Provides basic introductory training per OPNAVINST 3710.7S. The course includes an Overview of the Naval Aviation Survival Training Program, classroom instruction on Aviation Physiology, an appropriate Low Pressure Chamber brief/flight (exception: prospective helicopter aircrew), 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 Extended Sea Survival, and a written final examination.

PREREQUISITES: 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 enlisted aircrew students, prospective military/civilian Aeronautically designated personnel, exchange aircrew, and both U.S. Military and Foreign services.

Open to enlisted aircrew students, prospective military/civilian Aeronautically designated personnel, exchange aircrew, and both U.S. Military and Foreign services. Consult OPNAVINST 3710.7S, paragraph 8.4.2.1, subparagraph b, for trainee eligibility requirements.

INITIAL NAV AV SURV TRNG - MASL : P117433

Required appropriate Initial Naval Survival training per OPNAVINST 3710.7S for enlisted aircrew students, prospective military/civilian Aeronautically designated personnel, exchange aircrew, and both U.S. Military and Foreign services.

SCOPE: Provides basic introductory training per OPNAVINST 3710.7S. The course includes an Overview of the Naval Aviation Survival Training Program, classroom instruction on Aviation Physiology, an appropriate Low Pressure Chamber brief/flight (exception: prospective helicopter aircrew), 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 Extended Sea Survival, and a written final examination.

Learning Center: #8 - FORCE HEALTH PROTECTION

INSPECTOR GENERAL - MASL : B176000

Provides detailed inspectors general, assistant inspectors general and other qualified personnel instruction on the fundamental concepts and techniques and issues relating to the inspector general system in the army. The course examines basic policies and procedures pertaining to the mission, duties, investigations, inspections, teaching and training. Practical exercises illustrate all aspects of inspector general functions and enhance student ability to make the transition from classroom theory to operational application.

INST AND FLT CONT SYS APP - MASL : D133067

This course trains students in the following areas: Introduction to the 2A5X3B career field, general aircraft maintenance practices, safety, security, technical order systems, supply principles, and avionics systems. It also provides an introduction to instrument and flight control systems, flight environment systems, general navigation systems, liquid quantity indicating systems, engine indicating systems, flight controls, stability augmentation systems, and automatic flight control systems. The course depends heavily on the practical application of technical orders (TO), systems trainers, and grounded instructional training aircraft (GITA) to reinforce basic system principles and maintenance practices. This is a course number conversion from J3ABR2A533B 002 as directed by HQ TC/E3P.

INSTRUCTIONAL SYS MAT DEV - MASL : D166023

The course trains personnel in educational and training activities to apply instructional systems development procedures using the AF Instructional Systems Designer (ISD) model. The scope of training includes the analysis, design, development, and implementation phases of ISD. It further incorporates quality measures that are associated with training development and presents information regarding managing ISD efforts by using information and evaluation management tools. The course curriculum involves students in working groups, peer teaching, discussion, and informal lectues based on case studies. The instructional design of this course is group paced.

INSTRUCTOR - MASL : D309004

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

INSTRUCTOR COURSE - MASL : P166807

PURPOSE: To train instructors in the formal implementation of instruction in accordance with the System Approach to Training (SAT) Manual. This course provides the knowledge, skills and attitudes required for each instructor to be successful. Areas covered are how to conduct a time-critical operational risk assessment, review lesson materials, prepare the instructional environment, effective communication and how to rehearse and conduct a lesson. Also included is after lesson management and how to administer a student test. Student requirements: A Master Lesson File containing a lesson plan that is 50-minutes in length and includes lecture, demonstration and practical application. Students are required to bring all instructional media, supplemental and student materials required to teach their 1 - 50 minute lesson. UNIFORM/EQUIPMENT

REQUIREMENTS: Students should bring appropriate service uniforms. Students will check in wearing the utility uniform and will be worn for all periods of instruction Monday-Friday. The uniform for graduation is the Service "C" uniform.

INSTRUCTOR DEVELOPMENT CRS - MASL : P166425

The course introduces classroom instructors to performance-based, student-centered, instructor-led instructional techniques. Training focuses on comprehensive lesson planning, stresses the importance and use of performance objectives, assists in understanding adult learning behaviors, and provides helpful classroom management techniques. Students gain experience in the use of course objectives, testing, and lesson plans. Student management techniques and instructor ethics also are addressed.

Note: Students will be making two performance-based presentations during the course, which are to be based on training materials they currently are using or expect to be using.

INSTRUCTOR PILOT - MASL : D301030

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

INSTRUCTOR TRAINING - MASL : B279913

Covers course objectives and requirements, student and instructor roles and responsibilities, TAITC definitions, adult communications and learning theories, training session development concepts, and instructor methodologies presented by students through practical exercise and presentations.

INSTRUCTOR TRAINING - MASL : B179927

This MASL will be used when Instructor Training is programmed. This MASL will be used when Instructor Training is programmed.

INSTRUCTOR TRAINING - MASL : B179920

This MASL is used when Instructor Training at the Aviation School, Fort Rucker Alabama is programmed .This MASL is used when Instructor Training at the Aviation School, Fort Rucker Alabama is programmed.

INSTRUCTOR TRAINING - MASL : B179910

The Army Instructor Training Course (TAITC) is a comprehensive core course that trains Active and Reserve Component instructors to deliver battle-focused training in The Army School System (TASS). The TAITC is designed for delivery in the traditional classroom setting or via distance learning.

The TAITC consists of planning, preparing, and presenting Army training. The basic method for Army instructors is previewing and presenting the task, practicing the task, and performing the task to standard during evaluation. This method is enhanced during this course by applying a variety of presentation and practice methods and training techniques. The course also addresses how instructors motivate soldiers and solve soldier performance problems using positive reinforcement, on-the-spot corrections, and soldiers counseling.

The TAITC stresses standardization in format and content. The course provides the instructor with standardized references and lesson plans for presenting instruction, a Training Support Package with visuals for multi-media use, and practical exercise and presentation evaluation forms.

INSTRUCTOR TRAINING - MASL : B179935

This MASL is used for instructor training.

INSTRUCTOR TRAINING - MASL : B179916

The course is designed to teach personnel selected as instructors how to prepare and present a quality training session. The course emphasizes learning by doing. The course presents definitions, terminology, and instructional methods used to present instruction. The course contains lessons and exercises that allow students to experience, first hand, how to prepare and present an effective training session. The course also addresses how instructors motivate students and help solve performance problems using positive reinforcement and counseling.

INSTRUCTOR TRAINING - MASL : B179919

To train students in the skills required for platform classroom instructors. Instruction is given on communication skills, lesson organization, preparation of the introduction and summary, questioning techniques, use of training aids, learning principles and after action review methods. Students are evaluated on their ability to present a formal, 50-minute class, during their second week of training. To train students in the skills required for platform classroom instructors. Instruction is given on communication skills, lesson organization, preparation of the introduction and summary, questioning techniques, use of training aids, learning principles and after action review methods. Students are evaluated on their ability to present a formal, 50-minute class, during their second week of training.

INSTRUCTOR TRAINING COURSE - MASL : B179907

INSTRUCTOR TRNG***INSTRUCTOR TRNG***

INSTRUCTOR TRAINING COURSE - MASL : B179934

This MASL is used when Instructor Training Course is required. This MASL is used when Instructor Training Course is required.

INSTRUCTOR TRAINING COURSE - MASL : B175218

Emphasis is placed on the Systems Approach to Training process, communication skills, audiovisual support, writing lesson plans in the ASAT format, writing objectives, writing test items, and presenting instruction.

INSTRUCTOR TRAINING COURSE - MASL : B179915

This MASL will be used when Instructor Training Course is programmed.

INSTRUCTOR TRAINING COURSE - MASL : B279920

This MASL is used when Instructor Training is programmed.

INSTRUCTOR TRAINING CR - MASL : B179913

Performance-oriented instruction on how to develop, prepare, present and evaluate instruction in a service school. Performance-oriented instruction on how to develop, prepare, present and evaluate instruction in a service school.

INSTRUCTOR TRNG (JIT) AEC - MASL : P166312

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. Four 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; instructional media; instructor evaluation; factors affecting learning and student motivation and academic guidance and counseling techniques.

PREREQUISITES: 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 the members service record prior to transfer.

This course is open to all rates.

INSTRUCTOR TRNG (JIT) AEC - MASL : P166175

INSTRUCTIONAL DELIVERY CONTINUUM (IDC) JOURNEYMAN INSTRUCTOR TRAINING (JIT) AUTOMATIC ELECTRONIC CLASSROOM (C)

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.

INSTRUCTOR TRNG (JIT) AEC - MASL : P166313

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. Four 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.

PREREQUISITES: 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.

INSTRUCTOR TRNG (JIT) AEC - MASL : P166311

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. Three 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.
PREREQUISITES: 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.

INSTRUCTOR TRNG(JIT) (CBT) - MASL : P166309

Instructional Delivery Continuum (IDC) Journeyman Instructor Training (JIT)

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.

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.

Note: It is strongly recommended that students complete Workspace Trainer Qualification Program (MASL P166308) prior to entry into JIT.

Note: This is the Computer Based portion of the formal USN course A-021-0077 taught by contractors. The Performance portion of A-021-0077 is taught at CNL Det Corry Station.

INSTRUCTOR-SPANISH - MASL : B179117

Performance-oriented instruction on how to develop, prepare, and present instruction; develop plans and tests to measure learning; democracy and human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

INSTRUMENT PLT INSTRUCTOR - MASL : D301031

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

INT FIELD RADIO OPERATOR - MASL : P132825

Field radio operators employ radio to send and receive messages. Typical duties include: the set up and tuning of radio equipment, including antennas and power sources; establishing contact with distant stations; processing and logging of messages; making changes to frequencies or cryptographic codes; and maintaining equipment at the first echelon.

Course prerequisites

E-1 through E-4. Although this course is unclassified, a secret clearance is required to access the facility where the training is conducted. ITO must include security clearance.

INT OFR TAC INTEL SOUTHCOM - MASL : B172613

Course Scope:

The training includes the tasks, responsibilities, and skills necessary to perform the basic duties of the 35D, All-Source Intelligence Officer. Subjects include: The Intelligence Cycle, Contemporary Operational Environment (COE) Overview, OPFOR Tactics, Military Intelligence Company Systems and Tactical Employment, Intelligence Preparation of the Battlefield, Targeting, Reconnaissance and Surveillance Planning, Processing, Application of the Military Decision Making Process (MDMP), Unmanned rail Vehicle (UAV) Orientation, and a Tactical Operations Center Exercise (TOCEX).

INT OFR TACT INTEL - EUCOM - MASL : B172612

The training includes the tasks, responsibilities, and skills necessary to perform the basic duties of the 35D, All-Source Intelligence Officer. Subjects include: The Intelligence Cycle, Contemporary Operational Environment (COE) Overview, OPFOR Tactics, Military Intelligence Company Systems and Tactical Employment, Intelligence Preparation of the Battlefield, Targeting, Reconnaissance and Surveillance Planning, Processing, Application of the Military Decision Making Process (MDMP), Unmanned rail Vehicle (UAV) Orientation, and a Tactical Operations Center Exercise (TOCEX).

INT OFR TACT INTEL- PACOM - MASL : B172611

The training includes the tasks, responsibilities, and skills necessary to perform the basic duties of the 35D, All-Source Intelligence Officer. Subjects include: The Intelligence Cycle, Contemporary Operational Environment (COE) Overview, OPFOR Tactics, Military Intelligence Company Systems and Tactical Employment, Intelligence Preparation of the Battlefield, Targeting, Reconnaissance and Surveillance Planning, Processing, Application of the Military Decision Making Process (MDMP), Unmanned rail Vehicle (UAV) Orientation, and a Tactical Operations Center Exercise (TOCEX).

INTELLIGENCE - MASL : D302032

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

INTELLIGENCE IN COMBATTING TERRORISM - MASL : B172600

Legal considerations in combating terrorism and force protection; background and history of terrorism; terrorist ideological motivations; terrorist organizational structures; state support to terrorist groups; terrorist strategy and tactics; analytical methods for examining terrorist groups; terrorist threat assessment for military installations and deploying units; terrorist use of weapons of mass destruction.

INTELLIGENCE OFFICER - MASL : B172750

Employment of the tactical intelligence cycle: intelligence preparation of the battlefield; use of tactical counterintelligence; security of intelligence information and operations; threat analysis; internal defense and development; and training in automated data processing in support of intelligence operations; minimum eight hours of instruction on human rights; due process; the rule of law; civilian control of the military, and the role of the military in a democratic society.

INTERIOR ELECTRICIAN - MASL : B174110

MOS specific training, and field training exercise (FTX). MOS specific training includes safety, basic mathematics, construction print reading, selection and use of electrical tools, materials, and the installation and testing of interior electrical circuits. The FTX is a reinforcement of CET and MOS specific tasks.

INTERMEDIATE LEVEL EDUC - MASL : B171768

Doctrine and principles of combat, combat support, and combat service support functions. The student will know doctrine and tactics, apply techniques, know staff procedures, and be capable of serving as a member of, or of leading, a high performing staff organization. Doctrine and principles of combat, combat support, and combat service support functions. The student will know doctrine and tactics, apply techniques, know staff procedures, and be capable of serving as a member of, or of leading, a high performing staff organization.

INTERMEDIATE LVL EDUCATION - MASL : B171425

Doctrine and Principles of combat service support functions; doctrine and tactics; apply techniques; know staff procedures and be capable of serving as a member of, or leading, a high performing staff organization; organization tour of the United States during which students visit major military installations, service schools and Washington, DC; university and post-graduate level of instruction; mandated minimum of 40 hours of instruction on human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

INTERMEDIATE SYS ACQUIS - MASL : B154011

Intermediate Systems Acquisition, Part B, prepares mid-level acquisition professionals to work effectively in integrated product teams by understanding systems acquisition principles and processes. Both ACQ 201A and ACQ 201B are required for DAWIA certification.

Objectives: Students who successfully complete this course will:

- Enhance and apply their knowledge of the business, technical, and managerial aspects of acquisition;
- Understand and appreciate the critical role that each functional discipline plays in the acquisition process; and
- Effectively participate in integrated product teams and apply knowledge gained in ACQ 201A to develop plans and resolve problems.

INTERMEDIATE SYS ACQUIS DL - MASL : B154010

Intermediate Systems Acquisition, Part A, uses computer-based training to prepare mid-level acquisition professionals to work in integrated product teams by understanding systems acquisition principles and processes. Both ACQ 201A and ACQ 201B are required for DAWIA certification.

Objectives: Students who successfully complete this course will:

- Enhance their knowledge of the business, technical, and managerial aspects of acquisition;
- Understand and appreciate the critical role that each functional discipline plays in the acquisition process; and
- Using computer-based training, virtually participate in simulated integrated product teams to develop plans and resolve problems.

INTERNATIONAL OAC PREPARATORY - MASL : B171604

Background information concerning U.S. Army organization and structure, air defense artillery operations and tactics; air defense threat information; map reading, military symbols and terms; military communications; overview of small group instruction methodology.

INTERNATIONAL OFFICER INTELLIGENCE CCC PREP - MASL : B172622

To provide international officers with background information concerning US Army organization, battlefield operating systems, terms and symbols, Army writing and briefing, and systems information skills

INTERNATIONAL SPECIAL FORCES TRAINING - MASL : B126650

Individual physical training, Land Navigation, Obstacle course, Team events; Instruction methods and techniques, After action reviews, Risk management process; Special Forces history and organization, Army security assistance, Theater SOC operations, Civil Affairs and PSYOP, Advanced Skills overview; Hand-to-hand, Troop leading procedures, Patrolling, Advanced rifle marksmanship; Airborne operations, Special Forces Military Occupation Specialty (MOS) training. Phase

INTERNATL MIL STUDENT OFF - MASL : B171619

Tactical training and leadership by U.S. Army doctrine standards. Tactical training and leadership by U.S. Army doctrine standards.

INTERPRETER - MASL : P179955

In accordance with SECNAVINST 4950.4, qualified interpreter used for ship training.

INTERPRETER - MASL : D309014

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

INTERPRETER-OFFICER - MASL : B179923

This MASL is used when an Officer Interpreter is required. This MASL is used when an Officer Interpreter is required.

INTERPRETERS - MASL : D305013

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

INTERSERVICE MECH APPR - MASL : D148027

This course is the fundamental phase of a training program leading to the award of AFSC 2T332C. This course and the follow-on course, L3ABP2T332C00AA, must be completed before the AFSC is awarded. Training provided by the course is generic and is not designed for a specific type of vehicle. Includes fundamentals of automotive mechanics; use of special vehicle tools and test equipment. Inspecting, troubleshooting, servicing, and repairing of diesel and gasoline engines, power trains components, steering mechanisms, brakes, suspension systems. Isolating electrical system malfunctions and inspecting hydraulic components. Tracing electrical and hydraulic system diagrams or schematics. Use of commercial publications and safety.

INTL - DAMCONT ASST - MASL : P129149

INTERNATIONAL - DAMAGE CONTROL ASST

Provides billet specialty training to Officers en-route 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.

Special Note: International senior enlisted students, E7 and above equivalent, will be considered on a case by case basis.

INTL 533 CMBSYS SCI/TEC-MS - MASL : P179906

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.

INTL ADVANCED TACTICS - MASL : P122900

To provide senior international Officers and staff officers tactical training to improve their proficiency in war fighting skills in Joint Combat and Naval Expeditionary Operations.

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

INTL ASW AIR CONTROL - MASL : P123073

INTL ASW AIR CONTROL

Provides training to prospective foreign naval Anti-Submarine Warfare (ASW) air controllers in the knowledge and skills necessary to effectively control ASW fixed-wing and rotary wing aircraft.

Note: Class size is limited to 6.

INTL ASW JR OFF CRS - 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. Includes orientation tours and visits to local activities in accordance with CNO policies for military, cultural, and industrial activities.

NOTE: THIS COURSE CONVENES ONCE ANNUALLY IN THE 2ND OR 3RD QUARTER OF THE FISCAL YEAR.

INTL AVTRA WTR/PHYS-N5/NP2 - MASL : P117402

Provides designated pilots and other officers who are selected International Military Students (IMS) with basic skills and initial qualifications needed in accordance with OPNAV 3710.7 series, in order to complete Instructor Under Training, Aviation Preflight Indoctrination and other programs. This course encompasses administrative processing, physical exam and water and

physiology survival training (N5/NP2) at NOMI for OJT and other requirements as specified in OPNAV 3710.7 series instruction.

NOTE: This is a prerequisite course for P175306/P175312, AVIA SURV TRNG (HELO REFR), B-322-0042.

INTL CIC WATCH OFFICER - MASL : P121022

INTERNATIONAL COMBAT INFORMATION CENTER (CIC) WATCH OFFICER

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. Emphasis covering overviews of multi-threat warfare areas, CIC equipment, special maneuvering, and CIC navigation. Upon completion of this course, the student is prepared to plan, coordinate and manage the supervision of all CIC operations and training during routine peacetime steaming. NOTE: Graduates of the International Division Officer Course receive similar training and are highly discouraged from attending this class.

INTL CRISIS CMD/CTRL - MASL : P162285

CRISIS COMMAND & CONTROL COURSE (International). This course is designed to provide the skills necessary for decision-makers to manage emergency incidents. The course consists of training on risk communications, risk based decision making, best response to a disaster, contingency planning, the Incident Command System, exercise design and development, and a day of challenging hands-on media relations training. Students will take part in a two-day crisis management exercise using state of the art computer simulation software in which participants will work in groups to resolve a series of high pressure problems. The student population will consist of 20 officers from a mix of maritime nations.

Note: Students should have experience with or currently be assigned to crisis management/response duties.

INTL DEF TRANSFORMATION - MASL : P171406

INTERNATIONAL DEFENSE TRANSFORMATION.

The Center for Civil-Military Relations (CCMR) offers a two-week Expanded International Military Education and Training (IMET) approved course entitled "International Defense Transformation at the Naval Postgraduate School, Monterey, California. The course provides participants with the knowledge and skills needed by decision-makers and their advisors to effectively design and implement plans for defense transformation. The key objectives of the course are to provide instruction to:

1) Support international understanding of the compelling need to transform the worlds military capabilities to meet the operational challenges of the future security environment.
2) Identify transformational elements, influences and objectives to counter adversary strategies and protect national interests.
3) Explore the characteristics of the emerging way of warfare and crisis resolution, to include Effects-Based Operations enabled by Network-Centric Warfare

4) Frame directives to provide vision and guidance for national transformation strategy, roles and responsibilities, concept development and experimentation, and roadmaps.
5) Examine how nations develop an overarching concept and subordinate/supporting concepts; for example: Joint Operations Concepts, Stability Operations, Command and Control, and Force Application.
6) Answer how nations plan, design and conduct experimentation to evaluate new concepts or prototypes and solve interoperability or interagency issues seen in recent operational missions.
7) Evaluate experimental derived capabilities in technological advances, organizational configurations, process improvements, and training adaptations.
8) Appraise Armed Forces (Army, Navy, Marine Corps and Air Force) progress toward implementation of the transformation strategy.

The International Defense Transformation course provides an overview of innovative operational concepts, organizational structures and emerging technologies for transforming militaries to maintain competitive advantage in the 21st Century. The course will highlight Transformation Planning Guidance, Concept Development and Experimentation Campaign Plan and Defense Transformation Roadmap type initiatives for shifting the character of warfare and crisis resolution. It will expose revolutionary methods to improve command and control, fires, maneuver and logistics through concept development, technology demonstrations, and field experiments. This course combines informational content and references along with case studies and practical exercises in aspects of defense transformation.

This course is delivered in partnership with Headquarters Allied Command Transformation (HQ ACT) and the Commander, Joint Forces Command (JFCOM) Joint Experimentation Directorate. PARTICIPANTS: The course 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. COURSE DATES: Offered in- residence in December at the Naval Postgraduate School, as a Fifth Quarter event.

INTL DEFENSE MGT CRS - MASL : P162003

INTERNATIONAL DEFENSE MANGEMENT COURSE

The IDMC course applies basic concepts, techniques, and analysis of comparative resources management to enhance the theoretical knowledge, competence, and capabilities of foreign military and civilian officials. This course is suitable for managers working in any functional field concerned with resource allocation. The major curricular concept of this course is comparative resources management, i.e., the examination of theories and practices of various nations, not only those of the U.S. The Institute stresses that each country is unique and must choose resource management systems that meet its specific needs. To enhance comparative aspects of the curriculum, DRMI encourages broad national representation with a diversity of both military services/agencies and civilian government officials. A typical IDMC class has participants from 35 to 45 countries representing all services and defense and other ministries. Throughout the course DRMI encourages participants to share information and perspectives related to defense management in their own environments. This enables a critical examination of the relationships among management concepts discussed in the course and their applicability to various conditions found in other countries.

INTL DIESEL SUBMARINE TRNG - 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.

NOTE: RECOMMENDED PRE-REQUISITE FOR INTERNATIONAL STUDENTS IS ONE OF THE SURFACE WARFARE OFFICER (SWO) ENGINEERING OFFICER OF THE WATCH (EOOW) COURSES AT NETC NEWPORT. MASLS P145377/P145378/P145379/P145401 PERTAIN AND SHOULD BE SELECTED BASED UPON TYPE OF PROPULSION SYSTEM/SHIP APPROPRIATE TO COUNTRY REQUIREMENTS.

INTL EOD FAMILIARIZATION - MASL : P123302

Familiarizes 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 II Course (CIN: A-431-0020/MASL: P123300). Course is limited to classroom instruction only and is not an entry level course.

NOTE: FOR NATO/ABCA-5 CTRIES ONLY. MAX OF 12 STUDENTS PER CLASS. CRS GENERALLY OVER-SUBSCRIBED. NETSAFA EXERCISES QUOTA CONTROL. CONVENES 2X ANNUALLY. THIS IS NOT A BASIC

CRS. EOD KNOWLEDGE TESTS GIVEN ON ARRIVAL TO DETERMINE QUAL/KNOWLEDGE LEVEL. THIS CRS IS A PRE-REQ FOR P122060 AND P123300. PREREQS: MUST BE A QUALIFIED EOD OPRTR PER NATO STANDARDIZATION AGREEMENT (STANAG) #2389 OR ABCA-5 AGREEMENT "AND" HAVE MINIMUM OF 3 YEARS EXPERIENCE AS AN EOD OPRTR. MUST BE FLUENT IN ENGLISH (80 ECL). SPECIALIZED ENGLISH TRNG (SET) REQUIRED.

INTL EOD PH II (SURFACE) - MASL : P123300

INTL EOD PH II

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).

NOTE: EITHER MASL P122060 OR P123302 IS A PREREQUISITE FOR INTL EOD PHASE 2-Surface COURSE. NO EXTRA TIME CAN BE ALLOTTED FOR PERSONAL NEEDS (E.G., LOOKING FOR QUARTERS). CLASSES BEGIN AT 0800. STUDY HALL: 0630-0800 MON-FRI. MAJORITY OF TRAINING IS OUTDOORS. MAX OF 25 STUDENTS PER CLASS. COURSE IS GENERALLY OVER-SUBSCRIBED. NETSAFA EXERCISES QUOTA CONTROL. CONVENES 3 TIMES ANNUALLY IN FY07 & FY-08. (PLAN IS TO INCREASE TO 6 CONVENINGS IN FY09) ITO MUST REFLECT MINIMUM OF CONFIDENTIAL SECURITY CLEARANCE, THAT IMS IS AUTHORIZED TO PARTICIPATE IN HAZARDOUS TRAINING & THAT PHYSICAL FITNESS TRAINING IS REQUIRED.

INTL EOD PHASE I - MASL : P122060

INTL EOD PHASE I

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.

NOTE: THIS COURSE IS A PREREQUISITE FOR P123300, "EOD PHASE 2-Surface", A-431-0020. THERE ARE NO CALENDAR DAYS BETWEEN P122060 & P123300. TRAINING COMMENCES AFTER ONLY ONE DAY OF IN-PROCESSING. NO EXTRA TIME CAN BE ALLOTTED FOR PERSONAL NEEDS (E.G., LOOKING FOR QUARTERS). CLASSES BEGIN AT 0800. STUDY HALL: 0630-0800 MON-FRI. MAJORITY OF TRAINING IS OUTDOORS. MAX OF 25 STUDENTS PER CLASS. COURSE IS GENERALLY OVER-SUBSCRIBED. NETSAFA EXERCISES QUOTA CONTROL. ITO MUST REFLECT MINIMUM OF CONFIDENTIAL SECURITY CLEARANCE, THAT IMS IS AUTHORIZED TO PARTICIPATE IN HAZARDOUS TRAINING & THAT PHYSICAL FITNESS TRAINING IS REQUIRED.

INTL EOD PHASE II NAVY - MASL : P123301

INTL EOD PHASE II NAVY

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.

NOTE: MASL P123300 IS A PREREQUISITE FOR INTL EOD PHASE 2-NAVY COURSE. NO EXTRA TIME CAN BE ALLOTTED FOR PERSONAL NEEDS (E.G., LOOKING FOR QUARTERS). CLASSES BEGIN AT 0800. STUDY HALL: 0630-0800 MON-FRI. MAJORITY OF TRAINING IS OUTDOORS. MAXIMUM OF 20 STUDENTS PER CLASS. COURSE IS GENERALLY OVER-SUBSCRIBED. NETSAFA EXERCISES QUOTA CONTROL. CONVENES 2 TIMES ANNUALLY; ONCE FOR NATO COUNTRIES & ONCE FOR NON-NATO COUNTRIES. ITO MUST REFLECT MINIMUM OF CONFIDENTIAL SECURITY CLEARANCE, THAT IMS IS AUTHORIZED TO PARTICIPATE IN HAZARDOUS TRAINING & THAT PHYSICAL FITNESS TRAINING IS REQUIRED.

INTL FELLOWS ORIENTATION - MASL : B171807

This MASL is used when INTL FELLOWS ORIENTATION is programmed.

INTL HYDROG MGT & ENG PGM - MASL : P169208

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 Datum s and Harmonic Analysis, Practical Navigation, Meteorology, Photogrammetry, Remote Sensing, Nautical Chart Construction and International Law of the Sea.

INTL INFO WARFARE - MS - MASL : P179222

INTERNATIONAL INFORMATION WARFARE (MASTERS OF SCIENCE 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.

INTL JT MARITIME TACT DEV - MASL : P122571

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.

INTL LAW OF MIL OPS I-LOMO - MASL : P176027

INTL LAW OF MIL OPS I-LOMO

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 is the benefit 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 I-LOMO 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 or make more effective use of legal advisors.

What do I-LOMO participants learn?

I-LOMO 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. I-LOMO 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. I-

LOMO 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.

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.

INTL LEAD & MGT G-P-OLAM - MASL : P162226

This course is designed specifically for international, mid-grade officer and senior enlisted students (military and civilian). The course objective is to enhance supervisory skills in communication for understanding and exerting a positive influence. The curriculum is designed so that each concept is introduced, discussed, and applied in a measurable fashion using the instructional systems design (ISD) process. In addition, each student is given individual feedback on strengths and weaknesses in applying these skills. The training is experiential and relies on role-playing, case studies, and group activities to facilitate the students learning.

Prerequisites: None.

Note: Instructors from the Leadership Development Center teach this course at operational units throughout the USCG.

INTL LOG/SUPPLY MGMT CRS - MASL : D152054

This course is for personnel assigned to or projected for assignment to supply/logistics leadership positions and who already have some supply knowledge or experience. Officers in the grades of second lieutenant through major (O-1 to O-4), enlisted in the grades of master sergeant through chief master sergeant (E-7 to E-9), and civilians of equivalent grades qualify to attend this course. This course prepares students for leadership positions in the supply/logistics field by introducing them to the latest principles of logistics integration and resources management including the Foreign Military Sales (FMS) program. Additionally, the course presents and reinforces principles of management, leadership, funds management, management of reparable assets, and fuels management.

COURSE DESCRIPTION

- BLOCK I - INTRODUCTION TO MANAGEMENT This block of instruction provides an in-depth look at concepts and tools used at the management level. It focuses on the traditional as well as contemporary functions of management. Topics include the concept of operations management, equipment management, budget administration, human resources and personnel management. One lesson focuses entirely on the subject of leadership and another on the Continuous Improvement Process (CIP). Another lesson is dedicated to Total Quality Management (TQM) principles, its evolution and key concepts, to include its importance to the civilian industry as well as the military field. This block of instruction will empower logisticians to improve management of resources, their logistics processes, customer support and the weapons systems they support.
- BLOCK II - LOGISTICS ORGANIZATIONS This block provides the principles and concepts for successful logistics management and general information on several support organizations that contribute to the overall logistics support of an operating base. Emphasis is placed on the main logistics support organizations; supply, maintenance, transportation, and contracting. Students learn about the different functions of these organizations and how they integrate to form an effective logistics support system. The US DoD and AF logistics systems are analyzed to understand their intricateness and effectiveness during peace time operations and contingencies. The functions of a logistics plans organization, specific personnel responsibilities, mobility training, and the base level deployment process are covered in detail. Scenarios are used to reinforce the mobility concepts and the how to establish and maintain effective logistical support at forward operating locations.
- BLOCK III - SUPPLY PUBLICATIONS This block provides an introduction to supply publications used to research data prior to requisitioning assets. This area presents five main sets of publications: MCRD, H Series, MD/I&S, Characteristics, and Technical Orders. Students learn to cross-reference part numbers to national stock numbers and vice versa using the Master Cross Reference Data. Students also search information pertaining to commercial/vendor addresses and codes related to commercial entities through the use of the H Series catalog. Students learn how to interpret codes and locate data related to a specific distributor, manufacturer or vendor. Additionally, students learn to determine the codes and information pertaining to pricing, reparability, and sources of supply, as well as identifying relationships between master, interchangeable and substitute items. The Characteristics Data publication provides details about all assets as well as applicable military specifications provided by the US Federal Logistics Information System and NATO countries. Lastly, students learn about technical orders with

special emphasis on the illustration parts breakdown to positively identify parts and provide better support for the customer. Students become 100 percent proficient in researching data by completing a series o

INTL MARITIME OFF - MASL : P171575

This program is designed specifically for international, mid-grade, officer-level students (military and civilian) with maritime experience. The dynamics of the class composition add to the learning experience as students share their various views and experiences. The course provides professional military study in the organization, planning, management and operation of a multi-mission maritime force. The program addresses the value of honor and integrity; effective leadership and management skills; and the rules, customs, and traditions that govern an officer corps. An overview of search and rescue concepts is provided. During the maritime law enforcement phase of training, students discuss international law, boarding procedures, hidden compartments, high-risk search tactics, drug identification and testing, and prisoner processing. The maritime law enforcement phase concludes with an operational planning exercise. Marine safety topics include marine environmental response, safety and occupational health, pollution response techniques, contingency planning, marine licensing, and commercial vessel inspection. Leadership and management training consists of a senior managers seminar focusing on the habits of highly effective leaders in both the military and private enterprise. The Defense Institute for International Legal Studies (DIILS) staff presents a one-week block of instruction dealing with rule of law and military operations. Each student is required to make an oral presentation during the first week of class explaining the highlights and customs of his/her home country.

Prerequisites: None; however, solid navigational skills are essential for practical exercises and group discussions. Note: This course is not appropriate for noncommissioned officer personnel.

INTL MIL LAW DEV PRG-ILOMO - MASL : P176029

INTL MILITARY LAW DEVELOPMENT PROGRAM - INTERNATIONAL LAW OF MILITARY OPERATIONS

This eleven 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 law
2) 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.
4) 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 Course on Conducting Military and Peacekeeping Operations in accordance with the Rule of Law (PKRL) and the International Law of Military Operations (I-LOMO) course. 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.

INTL MIL STUD PREP CRS - MASL : B171766

Attended by all international officers selected for CGSOC unless specifically exempted from all English Comprehension Level testing. Purpose is to enhance the international officers ability to participate in the CGSC environment using the English language; to familiarize the student with the small group instruction methodology and resulting classroom environment; and to gain an appreciation of the political, social, and economic factors that have a bearing on U.S. people, their traditions, and way of life.

INTL MK46 MOD5 INTER MAINT - MASL : P142423

To provide personnel with technical and practical knowledge skills required to maintain, troubleshoot, and repair MK 46 MOD 5 torpedoes.

INTL NEGOTIATIONS - MASL : P179069

INTL NEGOTIATIONS

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 04-06, 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 country’s specific requirements. In country MASL is P309134.

Course Contact Information: Dr. Elisabeth Wright, Program Manager, IDARM (831) 656-2469; (540) 972-9184, ewright@nps.edu; Kathleen Peggar, IDARM (831) 656-2049, klpeggar@nps.edu.

SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

INT'L OFF LOG PREP-LEDC - MASL : B159001

The curriculum for this course includes the structure of the U. S. Army, Acronyms used in logistics, composition of TOE/MTOE, the logistics field today, communication skills, evaluation report systems, small group instruction. introduction to military publications, symbols and graphics classes of supplies and test procedures. The curriculum for this course includes the structure of the U. S. Army, Acronyms used in logistics, composition of TOE/MTOE, the logistics field today, communication skills, evaluation report systems, small group instruction. introduction to military publications, symbols and graphics classes of supplies and test procedures.

INTL OFF PREP-INF OFF ADV - MASL : B171699

U.S. Army organization and operations; staff organization and procedures; operation order; U.S. military organization and graphic representation; map reading; effective writing and speaking; legal subjects; medical subjects; weapons. U.S. Army organization and operations; staff organization and procedures; operation order; U.S. military organization and graphic representation; map reading; effective writing and speaking; legal subjects; medical subjects; weapons.

INTL OFF SCH (FOR AC&SC) - MASL : D171014

Prepares international officers in the grade equivalent to an Air Force major, or junior lieutenant colonel to participate in the Air Command and Staff College (ACSC). Instruction centers on ACSC"s book-based curriculum, exploring the works of many great thinkers and strategists and focusing on developing creative, analytical thought and a better understanding of command and application of air power to foster teamwork and team building. Instruction also includes the traditions and ideals of US society, US Defense organization, leadership topics, and language and communicative skills specific to ACSC. The purpose of the course is to develop an awareness of the organizational structure, curriculum content, terminology and instructional methods used at ACSC; an awareness of the United States military mission and organization; and an appreciation of American society, institutions, and ideals. Provides a forum for exchange of ideas, fostering a greater understanding of regional, cultural, and societal issues. Some physical training is accomplished commensurate with ACSC programs. The course is designed to meet individual needs by providing course work based on language fluency. The majority of class time is devoted to lectures and seminars with military or civilian instructors. Local and extended field trips provide students with insights into US society, institutions and ideals. A sponsor program aids students in becoming acquainted with the military and civilian communities.

INTL OFF SCH (FOR AWC) - MASL : D171011

Prepares international officers in the grade equivalent to an Air Force lieutenant colonel or colonel to participate in Air War College (AWC). Instruction centers on providing a foundation for AWC"s focus on war fighting, including introductions to air power doctrine, strategic thought, and military theory. Instruction also includes the history and traditions of US society, the US defense organization, and language and communicative skills specific to AWC. Course prepares international officers to attend AWC by developing an awareness of the organizational structure, curriculum content, terminology, and instructional methods used at AWC; an awareness of the United States military mission and organization; and an appreciation of American society, institutions, and ideals. Provides a forum for exchange of ideas, fostering a greater understanding of regional, cultural, and societal issues. Some physical training is accomplished commensurate with AWC programs. The course is designed to meet individual needs by providing course work based on language fluency. The majority of class time is devoted to lectures and seminars with civilian or military instructors. Local and extended field trips provide students with insights into US society, institutions, and ideals. A sponsor program aids students in becoming acquainted with the military and civilian communities.

INTL SUPPLY/WAREHOUSE PRIN - MASL : D152055

This course is for airmen or NCOs, newly commissioned officers, or civilian personnel working in base supply or supply related functions. This course prepares supply specialists to assume entry-level supply responsibilities and perform related duties in inventory management and warehousing concepts. The students develop the necessary skills to establish and manage a supply activity, manage the inventory, and manage a warehouse. Students receive training on how to identify, inventory, account, and manage property. They also learn how to set up a warehouse and how to use material handling equipment to include training on forklift safety and how to operate it.

COURSE DESCRIPTION

- BLOCK I SUPPLY ORGANIZATION Students begin this course with an in-depth view of various logistics systems. The focus is on the supply organization and functions of a base level supply unit and its interface with depot level supply. Students learn about the supply/logistics career field, duties, responsibilities, and how day-to-day functions directly affects the mission of supported operational units. Students also learn how supply fits into a complete logistic structure and how various elements of a logistics system are interdependent. The presentation of the concept of customer support relates to a base level supply unit.
- BLOCK II SUPPLY PUBLICATIONS This block provides students with detailed training on how to use supply catalogs and cataloging data. It begins with a solid foundation of the logistics cataloging system and a thorough examination of the national stock number. An introduction to computers provides basic terminology, system and hardware use. This block provides the use of supply catalogs and technical orders with emphasis on the Illustrated

Parts Breakdown. It also includes techniques on how to use the CD ROM based catalogs to determine an items part number, cross reference to a national stock number, determining interchangeable or substitute assets, and determining administrative data such as the price of the item and availability at the depot. Students receive hands-on training on the use of the H-series catalog, Master Cross Reference Data, Management Data and Interchangeable and Substitute, Characteristics and Technical Orders.

- BLOCK III - INVENTORY MANAGEMENT This block provides an introduction to stock level and economic order quantity principles. It also includes stock requirements computation, requisition and validation concepts. One of the areas presents and analyzes the USAF model to illustrate the accountability of in-stock assets and provide all aspects regarding the inventory of material. The entire process covers all steps from beginning to end and includes how to research and resolve out-of-balance conditions, inventory adjustments and determining the accuracy of the inventory maintained in the warehouse. Another area covers the automated and manual inventory procedures where students perform an inventory of a training warehouse. In the repair cycle process, students learn to identify reparable assets, determine the repair cycle time, asset control, repair cycle asset flow and the turnaround process. The last lesson of this block focuses on basic accounting procedures fundamental to the operation of a supply organization. The emphasis, placed on principles, provides critical effectiveness to the accountability of property, such as timely and accurate processing of supply transactions. Lastly, this block discusses documentation, methods for controlling documents, procedures for maintaining accountability over all transactions and procedures to control and manage accountable documents.
- BLOCK IV WAREHOUSING AND STORAGE PRINCIPLES This block presents methods for planning, designing a warehouse and storage space allocation. The block provides students with a working knowledge of setting up a warehouse and maintaining a location system. Students learn the process.

INTRO TO AIRBORNE SYSTEMS - MASL : P118420

Introduction to Aircraft and Systems Test and Evaluation

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.

Audience

The 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

INTRO TO BASE CIVIL ENGRG - MASL : D178037

The duration of the course is thirty-six (36) academic days. Civilians attend the first eighteen (18) academic days; military personnel attend all thirty-six academic days. The first 18 academic days of the course provide officers and officer equivalent civilian personnel entering the civil engineer career field familiarization of the Air Force Civil Engineer organization, management systems, techniques, processes, and operations. Students will gain a basic understanding of the Civil Engineer organization to include doctrine, history, and related civil engineering functions. Students will also learn responsibilities of each flight within the objective squadron, how the Civil Engineer squadron and its flights interface with other organizations, and how to plan and execute various programs within the flights. The joint military/civilian portion will end with basic mechanical, electrical and civil engineering lessons required for activities both at home station and in a deployed environment. The contingency portion (military only), prepares civil engineer officers to provide and maintain expedient force bed down. Students will learn Air Force civil engineer responsibilities, assets, and team configurations, force bed down planning processes, expedient airfield criteria and pavement evaluation, infrastructure requirements, and contingency operations. The course does not address contingency planning above base level. The final seven (7) academic days at the Silver Flag Exercise Site, Detachment 1, 823rd RED HORSE, Tyndall AFB FL. At Silver Flag, the AFIT Staff and Silver Flag Cadre will conduct Officer Field Education (OFE). OFE provides "hands-on" education in the force bed down, rapid runway repair, disaster preparedness, services, fire rescue, bare base assets, and command and control.

COURSE OBJECTIVE: For each student to understand the structure, function and responsibilities of the Air Force Civil Engineer organization and comprehend the skills and engineering principles required to accomplish the mission. Military students have a further objective to understand and apply expeditionary civil engineer operations and contingency concept of operations to support the wartime mission.

PRIMARY AUDIENCE: New Civil Engineer officers and Palace Acquire civilians.

ECONDARY AUDIENCE: Civil Engineer Company Grade Officers and civilians who have not previously attended the course.

INTRO TO EXPED LOGISTICS - MASL : P152209

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.

INTRO TO PERS SECURITY MGM - MASL : P279221

Addresses the mgt practices and procedures required to administer the Personnel Security program (PSP) at the base-installation level. The course covers types of personnel security investigations and agencies; PSP administrative procedures; preparing and submitting investigation requests; using the DoD personnel security adjudication guidelines; evaluating PSP information; operating the continuous evaluation program; sources of information; granting interim security clearances; temporarily suspending access; and denying or revoking security clearances. The course is specifically designed to address the needs of those individuals requiring an overview of the PSP who are not directly responsible for managing the program.

Prereq: Recommended successful completion of Personnel Security Adjudications Independent Study (PS001.08)

Target audience: DoD military, civilian and contractor personnel who support the DoD 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.

Student must obtain 75% to pass the online exam.

System Required: Internet Explorer browser version 5.5 or higher with Java and JavaScript enabled and internet connection.

POC for Access: Rochelle.Foster.CTR@dss.mil

INTRODUCTION TO LOGISTICS - MASL : B159000

The curriculum for this course includes the structure of the U. S. Army, Acronyms used in logistics, composition of TOE/MTOE, the logistics field today, communication skills, evaluation report systems, small group instruction. introduction to military publications, symbols and graphics classes of supplies and test procedures.

IOSCO GRADUATION - MASL : P152087

Used for programming students so they can return to Athens after completion of pipeline courses in order to take care of Administrative check out issues, participation in graduation ceremony and return flight to home country. One day in duration.

CONVENES TWICE ANNUALLY AS PART OF THE IOSCO PIPELINE - P152002, P151200, P152085, P152090, P152003, AND P152087.

IP INSTRUMENT PROCEDURES - MASL : D121065

COURSE DESCRIPTION

- BLOCK I - FUNDAMENTALS OF INSTRUCTION This unit is designed to develop instructional techniques related to the control and performance of aircraft. Topics in this unit include instructional techniques, the learning process, and performance analysis. In addition, grading scenarios and grading practices and standards are discussed. The student instructors also gain experience as instructors.
- BLOCK II - FUNDAMENTALS OF INSTRUMENT FLIGHT This unit is a review of basic instrument procedures such as the 60-1 rule, control and performance concepts, and instrument cross-check procedures. Additionally this unit reviews procedures on the use of navigational aides (NAVAIDS), and aircraft instrumentation.
- BLOCK III FLIGHT PLANNING AND SPECIAL TOPICS This unit is designed to enhance the students skills through planning instrument flight. Also, the unit introduces the student to several important "flight safety" related topics. The focus of this unit is wind shear, spatial disorientation training, and flight mishap prevention. This unit is designed to enhance the students skills through instrument flight planning. Global Positioning System (GPS), airspace and crew resource management are also taught in-depth. ICAO procedures are included with FAA rules to differentiate and provide the student with a solid instrument background and knowledge. Terminal instrument procedures and criteria are covered more thoroughly to give instructor students a solid foundation in instrument fundamentals.
- BLOCK IV - INSTRUMENT APPROACHES PROCEDURES This unit begins with a deep analysis of ronautical charts using Department of Defense and Jeppesen formats. Flight planning procedures and techniques are reviewed as are instructional techniques for flying precision and non-precision approaches. Also included are the factors that

should be taken into consideration during the transition to landing and missed approaches. ICAO procedures are covered for the purpose of international understanding and familiarization for their area of operations solidifying their skills as prospective instructors.

- BLOCK V - INSTRUMENT SIMULATOR In this unit flight simulators such as the Frasca 242 (twin prop), AST Hawk (twin prop) 737 or T40 (twin jet) are used to carry out instrument maneuvers previously studied in the classroom. A total of 63 simulator hours will be flown, half as an instructor and half as a simulated student. Additionally, 60 hours of self-paced NT361 flight training device instruction are included. The application of instructional techniques required for each maneuver are explored. The simulator profiles include: basic and advanced instrument maneuvers, precision and non-precision instrument approaches, and transition to landing, and missed approaches. The primary objective of this unit is the successful application of the knowledge acquired during the classroom blocks of instruction.

ISAR IMAGE INTERPRETATION - MASL : P125425

To provide officer and enlisted personnel with the basic imagery interpretation skills in Inverse Synthetic Aperture Radar (ISAR) for the tactical employment of ISAR.

SCOPE: The students will learn to visually identify ships perceptual and gross naval classification features and classify ships to the fine naval class level by identifying and measuring the ships structural features discernible on ISAR.

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

ISAR IMAGE INTERPRETATION - MASL : P125435

To provide officer and enlisted personnel with the basic imagery interpretation skills in Inverse Synthetic Aperture Radar (ISAR) for the tactical employment of ISAR.

SCOPE: The students will learn to visually identify ships perceptual and gross naval classification features and classify ships to the fine naval class level by identifying and measuring the ships structural features discernible on ISAR.

NOTE: THIS COURSE IS A PREREQUISITE FOR P125434, "ISAR IMAGE INTERPR REFRESH", D-210-1703.

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

J/COMB AIR & SPACE OPS SR - MASL : D126053

The Joint Air and Space Operations Senior Staff Course (JSSC) is a senior professional military training program offered by the 705th Training Squadron. The course uses presentation and discussions to provide an overview of the planning, coordination, integration, employment and implementation of air operations strategy in combined/joint operations. The program is designed to prepare Colonels and key Lt Colonels selected by their commands for senior leadership responsibilities in a Combined/Joint Air and Space Operations Center (C/JAOC). The course program consists of senior speakers from different areas of responsibility and presentations by general officers and current directors from different C/JAOC locations. Component and theater operations considerations in a C/JAOC will follow. The program finishes with specific briefings on planning, space, rules of engagement, special operations and mobility. The course is facilitated by two retired general officers in the capacity of senior mentors and is modeled after the Joint Force Air Component Commander (JFACC) course for Flag Officers.Once a year the course is held as a Combined Air and Space Operations Senior Staff Course addressing the unique aspects of air and space warfare in a coalition setting.

JAVELIN - EOD - MASL : P193145

Trains selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

JAVELIN GUNNERY - MASL : B122167

Javelin Introduction, description, target engagement, Field Application, Maintenance, Gunner skills test, and Live fire Javelin Introduction, description, target engagement, Field Application, Maintenance, Gunner skills test, and Live fire.

JET ENGINE MISHAP INV - MASL : D122007

The scope and training includes general introduction to design and construction variations of jet engines, to include small, large, and turbo fan engines, as needed for mishap investigation. Policies and procedures of investigation, fluid system contamination, and identification of material failures. Identification and causes of engine failures in relation to compressor and turbine failures, identification of over temperature damage, identification of bearing failures, and a comparison on in-flight

and post-impact fire damage. Engine power analysis procedure and temperature analysis. Inspection of crash damaged engine and components and jet engine case history studies.

JMSDF INTEL TRNG - MASL : P172004

JMSDF ICAP TRNG

JNT TRM ATTK CTRL QUAL CRS - MASL : D233303

Joint Terminal Attack Controller Qualification Course (JTACQC) The Joint Terminal Attack Controller Qualification Course provides detailed instruction in the tactics, techniques, and procedures (TTP) for planning, coordinating, and executing joint fires. Graduates possess the knowledge necessary to integrate close air support (CAS), artillery, and attack aviation into the ground commanders scheme of maneuver. In addition, graduates receive simulator training and field training where they integrate CAS missions into tactical operations on the joint battlefield. The course fulfills JTAC training as required by the Joint CAS (JCAS) Action Plan Memorandum of Agreement 2004-1 and Air Force Instruction 13-112 Volume 1.

JOINT ADV WARFIGHTING SCH - MASL : P171021

JOINT ADVANCED WARFIGHTING SCHOOL (JAWS)

The JAWS curriculum is clearly focused on "high end" operational art. This specific and concentrated focus allows for more in-depth immersion and applied rigor than is possible in many more standard military education institutions. Based in part on the existing curricula of the Joint Forces Staff College s Joint and Combined Warfighting School Senior Course, the JAWS curriculum endeavors to balance between operational and strategic studies and between warfighting and war preparation. The interrelated core courses, Foundations in Theory of War, Strategic Foundations and Operational Art and Campaigning provide the developmental framework. Blending theory foundations and historical evidence, the Foundations in Theory of War course provides the underpinning to all that follows through an aggressive series of case studies, guided seminar discussions and guest speakers. This course creates a tentative propositional inventory that enables the student to examine critically and ask the tough questions about military art and science. The Strategic Foundations course provides the necessary solid grounding in the theories of government and diplomacy along with the complex realities of the contemporary joint, interagency and multinational operating environment. Finally, the Operational Art and Campaigning course builds upon the previous instruction to provide students with a laboratory in which to apply the ideas encountered previously. This final applicatory portion of the curriculum emphasizes education and training in aspects of decision-making, problem solving, and planning processes through a series of seminar exercises, wargames and simulations.

By emphasizing problem solving and decision-making within the context of adaptive planning, JAWS strives to produce world-class warfighters prepared to operate in a fast paced, often chaotic and multi-tasking environment. Exercises, simulations, extensive reading and research visits are key components of the JAWS program. Through simulations and automation-supported exercises, students analyze and apply joint doctrine, emerging concepts, and recent lessons learned, while also honing planning and decision-making skills. Students have ample opportunity to read and evaluate a broad range of writings throughout the course; significant nightly readings are followed by rigorous examination of authors premises and assertions in daily seminar. Case study method is employed throughout the course. In conjunction with ongoing seminar activities, students are required to write a formal thesis paper and will defend their findings as a part of a comprehensive exam.

The JAWS course includes several field research trips. A comprehensive historical staff ride to Gettysburg is conducted to allow students to develop further appreciation for the human dynamics of conflict while focusing on decision-making and senior leader competencies as evidenced in one of America s most significant battles. A weeklong experience in Washington, D.C. provides contact with senior military and governmental policy makers and practitioners. Agencies visited includes the Joint Staff, the Department of State, the U.S. Coast Guard, the Department of Homeland Security, the Central Intelligence Agency, the National Military Intelligence College and a host of others. Other visits are made to the CONUS-based combatant commands and selected supporting agencies or headquarters. Live video teleconferences (VTCs) are conducted with the U.S. European Command and the U.S. Pacific Command, Numerous visits to relevant organizations and activities dealing with military transformation and future warfighting are also conducted, primarily in the Tidewater, Virginia area.

JOINT AIR TSKNG ORDER PRCS - MASL : D121112

Trains joint personnel, O-5 and below, who may be assigned to a Joint Air Operations Center (JAOC) to perform Service liaison or other duties. Personnel receive education and training on joint and Service doctrine; Theater Air-Ground System; JAOC organization, processes and systems for planning, producing, executing and assessing an ATO. Training consists of academics, seminars, computer labs, practical exercises, and an end-of-course exercise.

JOINT APPLICATIONS COURSE - MASL : P122028

JOINT TARGETING APPLICATIONS COURSE

The applications course is a two week in-residence course designed to provide operational-level operations and intelligence personnel with a detailed background in weapons employment considerations and weaponeneering methods.

The focus is on the Weaponeering process and concepts of weapon delivery accuracy, damage mechanisms, and damage criteria are covered along with an introduction to the software tools used for damage prediction calculations. The curriculum reinforces the use of weaponeering software and specific methodologies through practical application exercises.

Target Audience: Mid-career officer/enlisted personnel.

JOINT BATTLE DAMAGE ASSESS - MASL : P122024

JOINT BATTLE DAMAGE ASSESSMENT

The Joint Battle Damage Assessment course provides procedures, techniques and methodology for the Battle Damage Assessment process. Methodologies employed to accurately assess and communicate the effectiveness of military force delivered against a variety of generic targets and target models which are presented in a lecture and exercise format.

Target Audience: Mid-career officer/enlisted personnel.

JOINT DOCTRN AIR CAMPAIGN - MASL : D121076

Educates officers from joint, combined or supporting air component commands in the fundamental concepts, principles and doctrine required to publish the air portion of the joint/combined campaign plan. There are three areas of instruction built around specific learning objectives. The first area, air component planning fundamentals, examines the doctrine, strategy, organization and capabilities of forces employed in a military campaign. The second area, the Joint Air Estimate Process, covers currently published planning procedures and historical analysis. The final area, an air component planning exercise, allows students to build an air component plan, step-by-step throughout several seminar sessions.

JOINT FIREPWR CNTR CRS - MASL : D121070

Trains concepts, doctrine, tactics, techniques and procedures for integrating combat firepower in joint operations. Emphasis is on planning and coordination at tactical operational levels and integrating Air Force support into Army operations up to and including the corps level. Air Force students receive training in tactics, techniques, and procedures of forward air control.

JOINT MEDICAL PLANNERS CRS - MASL : P175555

Purpose: Prepare intermediate level officers, senior non-commissioned officers, and DoD civilians to effectively function as medical planners at the Joint Staff, Unified or Specified commands, Joint Task Forces, Service Headquarters, Combined Commands, and COCOM component commands.

Scope: Provide the necessary skills, familiarization, and proficiency in the concepts, procedures, and applications of joint and combined planning at the operational level of war. Students will understand and be able to apply health support planning principles in joint and combined operations by using the steps in contingency and crisis action planning, preparation of OPLAN's (Annex Q), Time-phased Force and Deployment List (TPFDL) management, and medical workload estimates using the Medical Analysis tool (MAT).

JOINT OPERATIONS-SPANISH - MASL : B121430

Joint-Planning: deliberate planning (initiation, concept development, and plan-development procedures) and crisis-action planning procedures (CAP). CAP: Planning for military operations other than war (MOOTW) (counternarcotics operations and foreign internal defense). Case studies are presented to reinforce CAP planning steps. Regional Contingency Planning: mission analysis; planning guidance; staff estimates; commander's estimates; concept of operations; concept review. Plan-Development: force planning; support planning, and transportation planning. The Joint-Operations Force-Projection Exercise: capstone exercise to integrate all previous joint-operations instruction; 12 hours of instruction on human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

JOINT OPNS MEDICAL MANAGER - MASL : B175284

Provides Senior Medical officers a better understanding of problems facing commanders, administrators, and department chiefs serving in medical treatment facilities during joint operations in low, mid, and high intensity conflicts. The course focuses on management of a large number of casualties and emphasizes medical supply transportation, communications, and site selection. COURSE IS CONDUCTED IN A HOTEL OFF POST. STUDENTS STAY IN THE HOTEL WHICH REQUIRES INCREASED LIVING ALLOWANCES.

JOINT SPECTRUM MANAGEMENT - MASL : D133033

This course provides training for inter-service personnel in the knowledge and skills needed to perform the duties of Spectrum Management. The scope of training includes the following: regulation of spectrum management; principles of spectrum management administration; mathematics of spectrum management; communication-electronics principles; spectrum planning for line-of-sight, troposcatter and satellite communications systems; navigational aids, radar and non-communications systems; electromagnetic environmental effects, spectrum management in a joint environment and training in service automated tools (SPECTRUM XXI, JACS and SPEED).

JOINT TARGETING STAFF - MASL : P122025

JOINT TARGETING STAFF COURSE

Purpose: To provide the DOD with formal joint targeting training for mid-career operations and intelligence personnel destined for Unified Commands, the Joint Staff, Defense agencies, and designated Service positions involving targeting.

Scope: The focus is on the application of the six-step Joint Targeting Cycle at the theater and operational levels of war:

1) Objectives and Guidance
2) Target Development
3) Weaponeering Assessment
4) Force Application
5) Execution Planning/Force Execution
6) Combat Assessment.

The curriculum starts with an introduction to the organizational structures and systems employed by the four services and DOD support agencies. The remainder of the course involves the presentation of concepts and theory associated with each step of the targeting cycle, which is reinforced through practical application exercises.

JOINT TRANSITION COURSE - MASL : P171016

JOINT TRANSITION COURSE This is a one-week course that is a prerequisite course for all international officers prior to attending the Joint and Combined Staff Officer 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 & Operational Warfighting SMARTbook 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 the week prior to the beginning of class. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

JOURNEYMAN NETWORKING CORE - MASL : P155285

To prepare technical personnel to administer a networked system with focus on the following functional areas: 1. Configuration Management: Manage changes, additions, and deletions to network system configurations. 2. System Management: Administration of network services, maintaining user accounts, access rights, and directory services. 3. Performance Management: Maintain system reliability statistics, performance checking of system communications pathways, and optimization of system and application performance. Graduates will have foundation skills for system specific follow-on training.

Provides journeyman level instruction in Local Area Networks (LAN) and Metropolitan Area Networks (MAN) with focus on network administration. Lab sessions are scheduled throughout the course to allow students an opportunity to directly apply the concepts presented. Course topic outline:

- Cisco Certified Network Associate (CCNA);

- MS Windows2000 Server;
- MS Windows 2000 Network Infrastructure;
- MS Windows 2000 Active Directory;
- MS Exchange 2000 Server;
- Solaris.

Prerequisites: OTHER candidates must have a minimum of one year hands on networking experience in the Information Systems environment and have a basic understanding of computers, information assurance (security), operating software, applications and computer internals. Pay grade E-4, Rates: CTM,CTO, ETS,FT, IT, STS.

JT AVIA SUPPLY MT MMGMT - MASL : P152086

Joint Aviation Supply Maintenance and Material Management (JASMMM)

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.

JT/CMB C2W STAFF OFF SCHL - MASL : P171013

ALLIED JOINT INFORMATION OPERATIONS (JINFO) ORIENTATION

The Joint, Command, Control and Information Operations School (JC2IOS) at the Joint Forces Staff College hosts an Allied Joint Information Operations Orientation Course (JIOOC) each year, which is designated as MASL P171013. In 2005, the course was redesigned and extended by one week to incorporate a practical exercise to enable students to conduct information operations (IO) planning within the context of a military operation. The course is taught at the secret releasable level, and invitations are extended to Australia, Canada, Great Britain and New Zealand. The primary audience should include military officers from O-4 to O-6 that are detailed to IO billets or cells and government civilian employees of equivalent rank. The Allied JIOOC is designed to accomplish the following objectives:

1. Acquaint students with United States (US) Department of Defense (DoD) IO policy and doctrine.
2. Familiarize students with IO capabilities available to support military operations.
3. Familiarize students with the military planning process as it applies to IO, emphasizing practical application and recent experiences.
4. Serve as an open forum for sharing and discussing each participating nation s approach to IO.

Guest speakers from throughout the US DoD help reinforce classroom instruction. Topics addressed pertaining specifically to IO may include fundamentals; national strategy and organization; interagency; intelligence support; core, supporting and related capabilities; legal issues; planning; and US military Service-specific support. One visiting student from each country is asked to provide a presentation that addresses their respective country or organization s IO activities. Additional guidance can be provided upon request.

JT/COMB WARFIGHT INTERM - MASL : P171014

JOINT AND COMBINED WARFIGHTING SCHOOL - (JCWS) 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 military officers for duty in all echelons of joint and combined commands. Instruction includes:

a) The characteristics, organization, and employment of the Armed Forces
b) The relationships of the U.S. Armed Forces to each other with emphasis on their respective capabilities and limitations
c) Principles of the U.S. Unified Command structure, the organization and procedures of joint and combined commands and staffs
d) Organization, composition, and functions of joint and combined commands and staffs with respect to strategic, operational, and logistic responsibilities of the commanders
e) Emphasis on planning for and the conduct of combat operations, and the organization and composition of current major combined commands in which the United States participates

f) Aspects of joint and combined operations, including command relationships, organization, and planning

g) Military management with emphasis on current changes in defense management environment, fundamentals of management theory, concepts of decision making, and the description of the latest tools and techniques available to the military manager

h) Military, political, geographic, historical, economic, cultural, ideological, and other factors affecting U.S. national strategy and U.S./Allied security including the threat to that security.

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 attitudes and perspectives that are essential to successful military operations. JCWS curriculum addresses fifteen specific learning objectives that are taught through exercises and case studies in a joint seminar environment with emphasis on the application and higher levels of learning.

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 1800.01B, Officer Professional Military Education Policy (OPMEP), dated 30 August 2004 furnishes the basis for JCWS. Only the highest quality, dedicated, and well-trained personnel with first-class leaders will be able to succeed in the complex, fast-paced, and uncertain environment of future military operations. JCWS is an essential ingredient in preparing officers to meet those challenges.

JTS WEAPONS INTRO - MASL : P122026

THE WEAPONS INTRODUCTION PORTION OF THE JOINT APPLICATIONS COURSE P122028

NOTE: This is not a "stand-alone" course, it must be programmed along with P122028 - Joint Applications Course."

JUDGE ADVOCATE BASIC - MASL : B121569

Scope: The course emphasizes those areas of military law that are most likely to concern a judge advocate officer in the first duty assignment. It provides an introduction to the following areas of military legal practice: criminal law and procedure; administrative and civil law; legal assistance; fiscal law; and international and operational law.

JUDGE ADVOCATE OFFICER GRADUATE - MASL : B171560

Scope: This course prepares career military attorneys for future service in senior judge advocate positions. The course requirements equal or exceed those of graduate programs at other law schools. Students who successfully complete all Graduate Course requirements for a Master of Laws (LL.M.) degree receive an LL.M. in Military Law. The course is conducted over an academic year totaling approximately 36.5 credit hours. Core courses consist of 24.5 credit hours in criminal law; administrative and civil law; legal assistance; international an d operational law; government contract and fiscal law; leadership and management; and professional writing. Electives consist of 12 credit hours (including writing requirements).

JUMPMASTER - MASL : B121186

Detailed information and training on: duties and responsibilities of the jumpmaster and safety; procedures for rigging individual equipment containers and door bundles; understanding and identifying personnel parachute components by their specific nomenclature and characteristics; procedures and standards required to conduct a jumpmaster personnel inspection; the duties and responsibilities of the drop zone safety officer; presentation of jumpmaster briefings and pre-jump training; and the execution of the duties of a jumpmaster from a USAF aircraft in-flight during a day/night combat equipment jump.

KC10 BOOM OPR INIT QUAL - MASL : D119044

None.

KC10 BOOM OPR INSTR UPG/AC - MASL : D119032

Qualifies boom operators as instructor boom operators in the KC-10 aircraft. Overall training is a combination of contractor and Air Force administered training. Training and evaluation are conducted IAW the current contract, AFI 11-2KC-10V1, and AFI 11-2KC-10V2. Training is composed of: Academics//BOT (contractor administered) -24 days; and flying (Air Force administered) - 11 days (note 2).

KC10 FLT ENGR BASIC PRECOU - MASL : D119048

Provides introductory training to KC-10 flight engineer duties for student with no prior FE experience. Course is designed to allow a BFE graduate to successfully complete the KC10FIQ follow-on course. Training is conducted by the KC-10 contractor and is composed of Academics/Simulator (contractor administered) - 18 days.

KC10 FLT ENGR INIT QUAL - MASL : D119045

NONE.

KC135 BASIC BOOM OPR CRS - MASL : D117124

Ground academic instruction covering publications maintenance, aircrew training and evaluation programs, general aircraft safety, equipment and records, associated systems, weight and balance, cargo and passenger handling, crew resource management, and terminal and en route procedures. Individuals are awarded the 3-skill level for the Air Force Specialty Code 1AOX1, In-flight Refueling Operator career field upon graduation of the Basic Boom Operator Course.

KC-135 INFLIGHT REFUEL OPR - MASL : D119004

Classroom academic training, aircrew training device, and flight training in KC135R Pacer Crag aircraft systems, normal and abnormal operating procedures, weight and balance data computations, cargo loading operations, associated duties, and in-flight refueling duties. This course initially qualifies personnel IAW AFI 11-2KC135V2 to perform duties as an in-flight refueling operator. Training consists of: Academics - 7 weeks; Flying Training - approximately 7 weeks.

KC135 INSTR INFLT REFUEL - MASL : D115072

Academic, aircrew training device, and flight instruction in KC-135R Pacer Crag systems, normal and abnormal operating procedures, cargo loading operations, ground instructor role, aircrew training device instructor role, and flight instructor role. This course prepares personnel for duties as an instructor in-flight refueling operator. FMS students must report to 97 TRS the morning prior to class start date to allow time to complete a pre-requisite test.

KC135 PLT INIT QUAL(PC) - MASL : D111030

Provides proficiency training to initially qualify rated pilots in the pilot position of the KC-135 Pacer Crag aircraft. Training emphasizes procedures and techniques to effectively and safely operate the KC135 in all phases of flight from both pilot seats. Teaches student pilots the duties, responsibilities and crew coordination requirements for multi-engine tanker aircraft. Training consists of: academics - 11 wks, 3 days; flying - 7 wks.

LAND FORCE FIRE SUPT COORD - MASL : P124505

N03APJ1 - To provide U.S. Marine Corps personnel with the skills needed to work in a battalion level Fire Support Coordination Center during amphibious operations or continuing operations ashore. The course encompasses the concepts, doctrine, principles, and techniques for the planning, coordination, and operational execution of fire support for Battalion size operations. Instruction includes an overview of 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.

PREREQUISITE INFO: This course is tailored for MARINES that hold, or in the future will hold, one of the following billets: Fire Support/Assistant Fire Support Coordinators, Fire Support Chiefs, Artillery Officers, Air Officers, Artillery Liaison Officers/Chiefs, Naval Gunfire Liaison Officers/Chiefs, Rifle Company Commanders, Mortar Platoon Commanders. All other services are approved by course manager on a case-by-case basis. This course is offered to officers and noncommissioned officers/petty officers (E-6 and above). Additional information will be provided to students upon approval of individual quota requests. E4/E5 will be accepted if currently filling a liaison chief billet.

PAYGRADE E6-O9.

SPECIAL INSTRUCTION:

Course is taught on an unclassified basis; however, all IMS must have a Secret security clearance annotated on their invitational travel orders (ITO) in order to be admitted to the classroom area. IMS without such a clearance annotated on their ITO will not be admitted to the classroom spaces and cannot attend training.

LANDING SIGNALMAN ENL - MASL : P129101

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.

LAW OF WAR WORKSHOP - MASL : B121568

Scope: This course is offered twice a year and addresses international customary and conventional law affecting the conduct of forces throughout the spectrum of military operations. The course focuses on The Hague and Geneva Conventions, emphasizing targeting principles and the protections accorded the wounded and sick, prisoners, detainees, and civilians. The course also examines the impact of other law of war treaties such as the United Nations Charter and the 1977 Geneva Protocols. Extensive seminar periods foster discussion and encourage practical application of these important issues.

LCAC CRAFT CONTROL SYS MT - MASL : P145556

LANDING CRAFT AIR CUSHION CRAFT CONTROL SYSTEM MAINTENANCE

Provides LCAC maintenance personnel with the necessary orientation information, skill development and practical application to operate and perform maintenance on LCAC electrical power distribution, main engine controls, fuel system, fire protection system and craft control systems. Personnel will be provided with the necessary knowledge, skills, and practice maintenance-related calibration, troubleshooting, and use of tools and test equipment. Also, repair of systems and associated subsystems at the organizational level of maintenance.

LCAC OFF INDOC - MASL : P129475

LANDING CRAFT AIR CUSHION OFFICER INDOCTRINATION

Provides Assault Craft Unit (ACU) Commanding Officer, Executive Officer, Detachment Officers-In-Charge, Naval Beach Group Personnel, CWO through O-6, with a basic understanding and knowledge of Unit Organization, Landing Craft Air Cushion (LCAC) characteristics and terminology, Safe Engineering and Operations (SEOPS) manuals, mission planning, normal operations, craft tactics and lessons learned.

LCAC ORIENTATION OJT - MASL : P129480

On the job orientation for LCAC watercraft.

LCAC PROP&LIFT SYS MAINT - MASL : P145555

LANDING CRAFT AIR CUSHION PROPULSION AND LIFT SYSTEM MAINTENANCE

Provides LCAC maintenance personnel (GSM) with the necessary information, skill development, and practical application to set up, check out, maintain, and perform maintenance on the LCAC gas turbine engines, propulsion and lift system, and mechanical auxiliaries. Personnel will be provided with the technical data required for maintenance-related checkout, inspection, disassembly, assembly, troubleshooting, use of tools and test equipment, and repair of the systems and associated subsystems at the organizational level of maintenance.

LCT SIMULATOR - SINGAPORE - MASL : B119977

This MASL is used when LCT Simulator-Singapore is programmed.

LDG CHF PETTY OFFR LDRSHP - MASL : P171041

LEADING CHIEF PETTY OFFICER LEADERSHIP COURSE

THE PURPOSE OF THIS COURSE IS TO PROVIDE LEADING CHIEF PETTY OFFICERS AND PERSONNEL IN EQUIVALENT LEADERSHIP POSITIONS WITH THE REQUISITE NAVAL LEADERSHIP SKILLS NECESSARY TO FUNCTION AS EFFECTIVE LEADERS AND MANAGERS WITHIN THEIR JOB POSITIONS.

SCOPE: The Advanced Leader Development Program (ALDP) consists of two subsections. The first subsection is the classroom attendance of the Leading Chief Petty Officer Leadership Course (LCPOLC). The second subsection is the required

e-learning assigned to support the Advanced Leader Development Program and the Leading Chief Petty Officer Leadership Course. Completion of both subsections is required for credit in the Advanced Leader Development Program. The Leading Chief Petty Officer Leadership Course (LCPOLC) supports Chief Petty Officers assigned to the leadership roles and responsibilities for planning and executing divisional/departmental functions; to include the professional and personal growth of those personnel assigned. LCPOLC attendance is required for personnel (E7) assigned to any comparable position. Previous completion of the ALDP or CPO LTC (CIN P-500-0051 or P-500-0021) satisfies the requirement for LCPOLC position assignment. The Navy Leadership Competency Model (NLCM) assigns the following competencies to the Advanced Leader Development Program: Accomplishing Mission, Leading People, Leading Change, Working with People and Resource Stewardship. Posted on the ALDP tab on the Leadership page will also be the Navy e-learning required to successfully complete the Advanced Leader Development Program.

LDRSHIP PGM DIS. RESP. - MASL : D309011

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (WCN/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

LEGAL ASPECTS CMBTERRORISM - MASL : P176028

LEGAL ASPECTS OF COMBATING TERRORISM:

1. What is a DIILS Legal Aspects of Combating Terrorism in CONUS seminar?

There may be circumstances in which a DIILS Legal Aspects of Combating Terrorism seminar will be conducted in CONUS. The same description applies as for a standard DIILS seminar except the location will be TBD in CONUS and DIILS will have many of the responsibilities that exist for a standing DIILS Resident program. The DIILS CONUS seminar addresses the multi-faceted problem of how to defeat terrorism while adhering to the rule of law. Depending on the unique circumstances in each participating country, DIILS presents a focused seminar on key legal issues. These topics include the military response to terrorism to include rules of engagement and use of force issues; the law enforcement response to terrorism including investigations, prosecution, international law enforcement money laundering, and the involvement of organized crime; maritime security and terrorism where appropriate; border security issues; defining terrorism and the differences of international terrorism and internal armed conflicts; and how interagency cooperation can enhance the fight against terrorism. Presentations by DIILS staff and subject matter experts, case studies based on recent events, discussion problems, and host nation group and individual presentations all work together to create an effective and practical experience for the participants.

2. What will the SAO have to do?

The SAO and the DIILS team work closely to determine all details of the MET. Seminar location, number and choice of participants, timing of the seminar, translation services, gift exchange, finances, opening and closing ceremonies, and press coverage are a few topics which will need to be resolved. In addition the SAO will assist with the in-country transportation and housing for the DIILS team.

3. Who will make up the DIILS team?

Usually, a DIILS team will consist of four team members led by a DIILS staff member. A typical Legal Aspects of Combating Terrorism team consists of civilians who are employees of various government agencies combating terrorism, military operational law experts, and others with experience working in legal matters involving terrorism.

4. What is the cost of a seminar?

Per- diem and travel for the team, translation and printing of materials seminar are some of the costs involved in preparing for the seminar. Per- diem and travel for participants traveling to CONUS will be required. DIILS will arrange transportation to and from the seminar site and arrange lodging.

5. Who issues the fund cite?

DIILS will issue a fund cite for in-country costs to the SAO. Estimates for all in-country costs should be sent to DIILS as early as possible. NETSAFA manages funding, but sends all monies for a MET to DIILS for further issuance to the SAO.

6. What happens next?

Further seminars and work groups may focus on one or more key legal areas of combating terrorism and work towards a deliverable such as a plan to engage different agencies in developing common legal concepts and de-conflicting the work of the military and civilian law enforcement.

SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures. Course is open to and useful for military commanders and staff officers who need to increase knowledge of legal issues involved in military operations or to make more effective use of legal advisors.

What do I-LOMO participants learn?

I-LOMO 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. I-LOMO 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. I-LOMO 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.

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.

LIAISON OFFICER - NAVAIR - MASL : P179070

LIAISON OFFICER - NAVAIR

LIAISON OFFICER - NAVSEA - MASL : P179090

To provide a Country Liaison Officer to a NAVSEA command to assist the United States with administrative details for International Military Students from the CLOs country.

LIAISON OFFICER - SPAWAR - MASL : P179071

LIAISON OFFICER - SPAWAR

LIAISON OFFICER - USMC - MASL : P179100

LIAISON OFFICER - USMC

LIAISON OFFICER CONUS-NETC - MASL : P179000

To provide a Country Liaison Officer to a CNET command to assist the United States with administrative details for International Military Students from the CLOs country.

LIGHT ARMORED VEHICLE LDR - MASL : P121855

LIGHT ARMORED VEHICLE LEADER COURSE

Provides training of infantry officers and staff non-commissioned officers to command and supervise the operation, employment and maintenance of Light Armored Vehicles (LAV) and their associated weapons systems. The focus of this course is to train light armored unit platoon commanders and platoon sergeants to operate and supervise the employment and maintenance of the LAV-25 and its weapons systems under a variety of environmental and tactical conditions. The course provides detailed instruction on routine vehicle operations, maintenance management, communications, gunnery and embarkation. The course includes instruction on basic tactical measures; security, reconnaissance and limited offensive and defensive operations; and field logistics. Finally the course familiarizes the student with the capabilities and employment of the LAV mortar and antitank variants.

Prerequisite Info: Combat arms/combat support. Staff sergeants through captains (E-6 - O-3) who are or will be assigned to a light armored unit. Students must pass USMC PFT. Students must be able to obtain a valid driver's license and be a graduate of Basic Officer Course (P179250), Infantry Officer Course (P121008), or Infantry Platoon Sergeant Course (P121036 or P121037), or equivalent.

*NOTE: It is highly recommended that the Basic Officer, Infantry Officer (for officers) and Infantry Platoon Sergeant (for enlisted) course be considered prior to send students to the LAV Officer and SNCO Course. This will give the students a solid background in infantry skills and tactics. All USMC officers and SNCOs go through these courses prior to attending LAV Officer and SNCO course.

LINK-16 NETWORK D&M - MASL : P139285

To familiarize the student with JTIDS/MIDS network design and management procedures and configuration management.

LM2500 GAS TURBINE TRAINING - MASL : P145001

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
- Bore- scope Inspections
- Preventative Maintenance
- Corrective Maintenance

LOADMASTER/C-130/TACT - MASL : D153012

Mission qualifies aircraft loadmasters in C-130E/H aircraft; includes academic, static loading, and flying in airdrop operations.

LOADMASTER/C-130-INIT - MASL : D153015

Initially qualifies aircraft loadmasters in the C-130 E/H aircraft; includes academic, static loading, and flying training.

LOADMSTR TACT ALFT IN/C130 - MASL : D153020

Qualifies loadmasters to perform instructor duties in the C-130. Provides training in the philosophy of instruction, student/instructor relationships, student performance analysis, lesson planning, and practical instruction. The course includes academic, fuselage trainer, and flying training. Air Force policies, procedures, and directives are studied in depth.

LOG INFO FUNDAMENTALS - MASL : B151921

This course provides the fundamentals and technical knowledge necessary to understand basic cataloging principles. The four steps in item identification process will be identified: Item Name Selection, Federal Supply Classification, Reference and Characteristics Data, National Stock Number (NSN) assignment. The student will perform exercises in the accomplishment of each of the four steps.

LOG INFO MGT COURSE - MASL : B151924

The primary objective is to prepare the student to manage and operate a National Codification Bureau (NCB). It focuses on the cataloging rules and standards of the NATO Codification System used by the United States, NATO and dozens of other nations around the world. It provides a broad management overview on procedural requirements, tools and information system infrastructure necessary to implement a national codification system, and the interface and uses of codification data in logistics life-cycle applications, primary logistics functions (at both the wholesale and retail levels), and weapons systems acquisition processes. The cataloging systems used by the various US services and agencies and its application in actual field level activities will form the foundation for the program. The first phase of the program will deal with a general overview of systems acquisition, engineering data management and logistics operations related to weapons system life cycle support. The second phase will be focused more specifically on the principles of cataloging, and the application of those principles in the NCS. The third phase will provide valuable on-the-job (OJT) training in the various operations and disciplines within the Defense Logistics Information Services (DLIS) responsible for the operation of the Federal Cataloging System within the US. As a means of cultural exchange, a one-week Informational Program will acquaint students with the American way of life.

LOG INFO OPERATIONS - MASL : B151922

This course will provide the student with the "how-to" functions of performing fundamental cataloging. CFTC Week 1 provides cataloging fundamentals, Week 2 focuses on the "how to".

LOGISTICS EXECUTIVE DEVELOPMENT - MASL : B151779

Presented generally at the graduate level; this infers that the student should possess the initiative to pursue some self-developed educational goals and the willingness to share expertise and experience with classmates. This course recognizes that each student brings valuable expertise in one or more course-related areas. The class collectively has expertise in the full range of logistics management. Instruction will include accepted theory, established policy, doctrine, and applications to the management of defense logistics.

LOGISTICS MANAGEMENT/GRAD - MASL : D178007

Provides a broad, diversified curriculum that will equip students with the skills required to perform effectively as middle and upper managers in any of a variety of Air Force and defense logistics systems. Satisfactory completion of the curriculum leads to award of a Master of Science degree in logistics management.

LOGISTICS OFFICER - MASL : P124355

LOGISTICS OFFICER

PURPOSE: To prepare entry level and lateral move company grade officers for duty in a logistics related billet at the battalion or equivalent level where their responsibilities will encompass logistics, embarkation, combat service support (CSS), maintenance management, and motor transport operations and maintenance.

SCOPE: This course provides an entry-level foundation of professional knowledge in logistics and develops the skills necessary to function effectively in a logistics billet. Logistics and CSS planning functions are taught for non-deployment and deployment environments. Subject matter includes the management of ground equipment maintenance, publications control, the Marine Corps supply system, and the Marine Corps Integrated Maintenance Management System (MIMMS). Also included within the course is instruction on the Marine Air Ground Task Force (MAGTF) Deployment Support System II (MDSS II), computer-aided embarkation planning, embarkation and strategic mobility, the manual preparation of load plans for ship and Air Mobility Command (AMC) aircraft, CSS planning, publications for CSS plans, and Maritime Prepositioning Force (MPF) requirements. Instruction is also included in operations, aviation, intelligence, host nation/inter-service support information systems, communications as they affect logistics planning and CSS operations, and a logistics case study. The course also contains specialized instruction on motor transportation operations and maintenance, vehicle fording and recovery operations, vehicle camouflage, night driving operations, and tactical and administrative convoys. A final scenario is used as the framework for a motor transport field exercise.

STUDENT PREREQUISITIES: Entry level Marine officers, company grade officers making a lateral move to Occ Fld 04, or those intending to qualify for secondary 0402 MOS.

REPORTING INSTRUCTIONS: Students report to Commanding Officer, Marine Corps Combat Service Support Schools, Training Command, PSC Box 20041, Camp Lejeune (Camp Johnson), North Carolina 28542-0041. During working hours report at Bldg. M130, phone number DSN 750-0702 or coml. (910) 450-0702; after working hours report to AOOD at Bldg. M131, phone number DSN 750-0779 or coml. (910) 450-0779. Government messing is not available, billeting is available.

LOGISTICS READINES OFFICER - MASL : D151025

Provides training in: logistics fundamentals, the Air and Space Expeditionary Air Force (EAF) concept, total force, Logistics Readiness Officer (LRO) combat wing roles and responsibilities, roles and responsibilities of LROs outside of the combat wing, wing programs impacting logistics, LRO issues, introduction to the materiel management core competency, asset accountability, asset visibility, asset control, introduction to the distribution core competency, distribution operations, vehicle management processes, introduction to the contingency operations core competency, deliberate planning, deployments, and crisis action planning.

LOGTOOL (LIT) - MASL : P151200

International Logistics Internet Toolbox (ILIT) (1 Week) International Officers only, grade O-1 to O-4, waivers available for civilian and enlisted students. This course offers an in depth review of the U.S. military's internet based logistics tools, available to International Customers. ILIT will help International Customers develop a process oriented working knowledge of DOD web-based logistics systems. Instruction is modeled after training provided to U.S. DoD civilian and military personnel, working in the supply and maintenance communities. The five day course will focus on the Logistics Supply Chain, defined as Identifying Assets, Locating Assets, Ordering Assets and Tracking Assets. Course will provide attendees an expert knowledge of Weblink International (a DLA web portal), providing access to: - FEDLOG on line via LOGRUN - SAMMS, Asset Visibility of DLA stock on hand, Item Managers notes and -(LIPS) 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 and the Air Force's Security Assistance Center (AFSAC). Throughout the training curriculum, students will receive Microsoft Excel training, relating to the intelligent management of logistics data. The Logtool.net logistics web portal will be utilized to help guide students through the numerous links available. Course content is flexible, allowing for unique needs of students and 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.

M1A1 ABRAMS MASTER GUNNER - MASL : B122162

INDIVIDUAL TRAINING: Physical fitness; tank weapons gunnery simulation system (TWGSS) operator certification. MAINTENANCE TRAINING: Maintenance procedures used to identify and troubleshoot complex malfunctions that occur in the tank turret electrical; hydraulic; armament; and fire control systems. GUNNERY TRAINING: Advanced gunnery methodology; doctrinal; and technical procedures needed to assess crew proficiency; identify crew procedural errors that cause a tank not to hit a target; provide training for crews to operate the tank to its designed capabilities. GUNNERY TRAINING MANAGEMENT: Battle focused training management procedures with the main emphasis on tank gunnery standards; preliminary gunnery training; supervised decentralized instruction; integration of training devices; assessment of units strong areas and weak areas, and development of an annual gunnery program that sustains and improves unit tank gunnery proficiency.

MACHINERY TECHNICIAN MK-A - MASL : P122219

This course teaches enlisted personnel to perform at the job entry level in the Machinery Technician rating. Students are taught principles of operation, maintenance and repair of mechanical, auxiliary steam, hydraulic, pneumatic and electrical machinery and systems. The following topics are covered: piping, tubing, hoses, manuals, leadership, hydraulics, internal combustion engines, lubrication and cooling systems, fuel handling, governors and fuel systems, diesel engine overhaul, electricity and electrical equipment, auxiliary machinery, refrigeration, clutches, gears and shafting, boat machinery and equipment, outboard engines, and pumps.

Prerequisite: None.

Note: Students must have, or report with sufficient funds (approximately USD 60) to purchase, steel-toed safety shoes for participation in this course.

MAGZ SPR (De-act-See TCC) - MASL : P145068

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.

MAINT DATA SYS ANALYSIS - MASL : D141012

This course provides training for Air Force personnel in AFSC 2R0X1 with the knowledge and skills needed to perform the duties of a maintenance data systems analyst. The scope of training includes statistical methods of data analysis, computer applications, data retrieval techniques, and the operation and maintenance of management information systems. Training also includes the use of computers with remote interface and printers, the procedures for maintaining data systems, the interpretation and use of reports from management information systems, and the presentation of maintenance data.

MAINTENANCE OFFICER - MASL : D141243

This course prepares selected officers for aircraft maintenance leadership and management positions by giving them the tools and training in the essential areas of the maintenance career field. The curriculum provides maintenance management skills as well as organizational structures and management techniques used in the planning and developing of functional areas within a maintenance organization. The training received will increase the individual’s knowledge and understanding of maintenance operations and increase their ability to manage at higher responsibility levels within a maintenance unit. Student officers should have experience in the maintenance career field and perform or will perform duties at squadron or equivalent level. Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

COURSE DESCRIPTION:

- BLOCK I - ORIENTATION, SAFETY, OPERATIONAL RISK MANAGEMENT (ORM): This block begins with a course orientation, where students learn about the academy’s policies, programs, and academic objective

requirements. This block provides detailed lectures and discussions on maintenance safety doctrine, Supervisory Safety responsibilities and practices, and in-depth fundamentals of the ORM program; concludes with a written exam.

- BLOCK II - QUALITY ASSURANCE: This block provides the student with the fundamentals necessary to perform the Quality Assurance (QA) function. Subjects covered include: The role of QA and responsibilities in evaluating and assessing personnel proficiency (including the quality and effectiveness of training programs), equipment and aircraft condition, and the management of specific programs that ultimately increase mission effectiveness. The Quality Assurance Program (QAP) is designed as a flexible feedback system for maintenance leaders, supervisors, and workers. Students learn methods to detect negative trends, problems areas, inform and prepare reports of these problems, their likely causes, and possible corrective actions. Quality assurance inspection concepts include: different types of evaluations, inspections and observations that are in the QAP and the Product Improvement Program; concludes with a written exam.
- BLOCK III - TOTAL QUALITY MANAGEMENT: The objective of this lesson is for each student to know the evolution of quality and its principles. Students are introduced to quality approach practices and how they differ from other management styles. The student also learns the concept of quality principles and practices in today's military environment. It also provides the student with comprehension on team dynamics and how to apply team leader skills to manage a successful team. They also have the opportunity to use selected decision tools enhancing continuous improvement efforts, as well as selected data and problem analysis tools; concludes with a written exam.
- BLOCK IV - TECHNICAL ORDER SYSTEM: The student will learn the purpose, authority, and use of the USAF technical manual system, numbering system and filling technical orders. The students are also introduces to the illustrated parts breakdowns; concludes with a written exam.
- BLOCK V - SUPERVISORYON THE-JOB TRAINING: The student is exposed to the On-the-Job-Training Program. The students learn the structure of the program and responsibilities to the training program. It also teaches supervisors how to plan, conduct, evaluate and document training: concludes with a written exam.
- BLOCK VI - SUPERVISORY MANAGEMENT: Students learn wing programs and operational support. This is a key element in understanding the communication within the operations and maintenance units. Students also define and compare the organization and responsibilities of maintenance managers and sortie production units with reference to Air Force major commands guidance

MAINTENANCE SCHEDULING - MASL : D162006

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student's country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

MAINTENANCE SCHEDULING SP - MASL : D162011

Training consists of familiarization of aircraft maintenance organizations, concepts, and responsibilities; familiarization of technical orders and Air Force Instructions. Automated products and the automated management system will be used to plan and schedule the utilization and maintenance of aircraft through all phases of maintenance. Training includes engine parts tracking and the maintenance of aerospace weapon systems records, using computer remote terminals and associated equipment.

MAINTENANCE/* - MASL : D304005

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (WCN/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

MAINTENANCE/ARMAMENT/* - MASL : D304008

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (WCN/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

MANEUVER ANCOC - MASL : B121040

Course Scope:

Common Leader Training, subjects are: Interpret Cultural Terrain; Supervise Platoon Tactical Operations; Define Ethical Reasoning; Issue Plans, Orders, and Annexes; Supervise Detainee Operations; Supervise Platoon Training Management; Conduct a Platoon Fitness Program; Enforce the Army's Writing Style; Construct a 360 Degree Assessment; Assist Family Members of the Unit During Emergencies; Perform in a Joint Operating Environment.

CMF Common Subjects (Universal) are; Troop Leading Procedures and the Military Decision Making Process; Information Operations; Operations Orders and Operational Terms and Graphics; Fire Support Planning; Actions on Contact; Link-up and Relief in Place; Conduct Displacement; Control Platoon Fires; Assembly Area Activities; Assist in the IPB Process; Resupply, Consolidation, and Reorganization; Conduct Convoy Operations; Passage of Lines; Road Block and Check Point Operations; Cordon and Search; Patrolling; Identify and React to IEDs and VBIEDs; Combative NCOER; AR 600-9; UCMJ, Separations, and Promotions; NCOPD; Duties and Responsibilities of the 1-5 Staff; Lessons Learned; Command and Control Exam and AAR; Tactics Exam and AAR; 48 hr Simulation Exercise conducted in the CCTT.

Mandatory Training Subjects are; FBCB2; OPSEC Awareness; Risk Assessment; COE/COIN; Lessons Learned; Ethical Reasoning; Sexual Assault Prevention and Response Training; Enforce the Army's Sexual Assault Policy at the Unit Level.

MANEUVER ANCOC - MASL : B121043

Common Leader Training, subjects are; Interpret Cultural Terrain; Supervise Platoon Tactical Operations; Define Ethical Reasoning; Issue Plans, Orders, and Annexes; Supervise Detainee Operations; Supervise Platoon Training Management; Conduct a Platoon Fitness Program; Enforce the Army's Writing Style; Construct a 360 Degree Assessment; Assist Family Members of the Unit During Emergencies; Perform in a Joint Operating Environment.

CMF Common Subjects (Universal) are; Troop Leading Procedures and the Military Decision Making Process; Information Operations; Operations Orders and Operational Terms and Graphics; Fire Support Planning; Actions on Contact; Link-up and Relief in Place; Conduct Displacement; Control Platoon Fires; Assembly Area Activities; Assist in the IPB Process; Resupply, Consolidation, and Reorganization; Conduct Convoy Operations; Passage of Lines; Road Block and Check Point Operations; Cordon and Search; Patrolling; Identify and React to IEDs and VBIEDs; Combative NCOER; AR 600-9; UCMJ, Separations, and Promotions; NCOPD; Duties and Responsibilities of the 1-5 Staff; Lessons Learned; Command and Control Exam and AAR; Tactics Exam and AAR; 48 hr Simulation Exercise conducted in the CCTT.

Mandatory Training Subjects are; FBCB2; OPSEC Awareness; Risk Assessment; COE/COIN; Lessons Learned; Ethical Reasoning; Sexual Assault Prevention and Response Training; Enforce the Army's Sexual Assault Policy at the Unit Level.

Special Information:

M-ANCOC consists of 3 phases back to back (Ph-1, Ph-2 (MOS Specific), Ph-3). Orders must cover all 3 phases.

Soldiers with a permanent designator of "2" in the physical profile must include a copy of DA Form 3349 (Physical Profile) as part of the course application. Soldiers with a permanent designator of "3" or "4" in their physical profile must include a copy of DA Form 3349 and the results of their Military Medical Review Board (MMRB) as part of the course application. Soldiers who have been before a MMRB, awarded medical limitations, and allowed to retain their occupational classification, will be eligible to attend Maneuver ANCOC and train within the limits of their profile, provided they can meet the course graduation requirements.

MANEUVER ANCOC - MASL : B121045

Combined simulations exercise (CCTT) and Urban Operations.

Special Information:

M-ANCOC consists of 3 phases back to back (Ph-1, Ph-2 (MOS Specific), Ph-3). Orders must cover all 3 phases.

Active and reserve Soldiers over 40 must complete required medical screening and reserve status prior to attending. Soldiers with a permanent designator of "2" in the physical profile must include a copy of DA Form 3349 (Physical Profile) as part of the course application. Soldiers with a permanent designator of "3" or "4" in their physical profile must include a copy of DA Form 3349 and the results of their Military Medical Review Board (MMRB) as part of the course application. Soldiers who have been before a MMRB, awarded medical limitations, and allowed to retain their occupational classification, will be eligible to attend Maneuver ANCOC and train within the limits of their profile, provided they can meet the course graduation requirements.

MANEUVER ANCOC - MASL : B121042

Combined simulations exercise (CCTT) and Urban Operations.

MANEUVER ANCOC (CAV SCOUT) - MASL : B121046

Reconnaissance Missions, Screen Missions, Counter-mobility, and Close Air Support (CAS).

MANEUVER ANCOC (INFANTRYMAN) - MASL : B121041

MOS Specific Subjects for 11B are; Proponent Military History; Air Assault Operations; Combined Infantry Tactics; Urban Operations; Platoon Tactical Operations (CCTT, J-CATS); Mounted Land Navigation; Close Air Support; CMF 11B Exam and AAR.

MANEUVER ANCOC (INFANTRYMAN) - MASL : B121044

MOS Specific Subjects for 11B are; Proponent Military History; Air Assault Operations; Combined Infantry Tactics; Urban Operations; Platoon Tactical Operations (CCTT, J-CATS); Mounted Land Navigation; Close Air Support; CMF 11B Exam and AAR.

Special Information:

M-ANCOC consists of 3 phases back to back (Ph-1, Ph-2 (MOS Specific), Ph-3). Orders must cover all 3 phases.

Active and reserve Soldiers over 40 must complete required medical screening and reserve status prior to attending. Soldiers with a permanent designator of "2" in the physical profile must include a copy of DA Form 3349 (Physical Profile) as part of the course application. Soldiers with a permanent designator of "3" or "4" in their physical profile must include a copy of DA Form 3349 and the results of their Military Medical Review Board (MMRB) as part of the course application. Soldiers who have been before a MMRB, awarded medical limitations, and allowed to retain their occupational classification, will be eligible to attend Maneuver ANCOC and train within the limits of their profile, provided they can meet the course graduation requirements.

MANEUVER CAPTAINS CAREER - MASL : B171622

The Maneuver Captains Career Course accomplishes this mission in three phases. Phase 1 is distance learning consisting of 71 hours of common core training to be completed before graduation. In Phase 2 all officers receive the same training on fundamentals, troop leading procedures and full spectrum company level operations for Light Infantry, SBCT Infantry, and Armor/mechanized companies and teams. The intent is that all officers will be able to develop company level plans for all types of company organizations for full spectrum operations in various environments. Phase 3 of MC3 divides the Captains into formation-based small groups to prepare officers to serve in an Infantry, Stryker or Heavy Brigade Combat Team. This phase is contingent upon Human Resources Command providing Captains their future assignment, based on the Army Force Generation model, prior to this division. Officers (including the other branches attending MC3) who are assigned to a HBCT will be assigned to a small group with all members pending assignment to an HBCT. Officers who are assigned to an IBCT or SBCT will be assigned to a small group with all members pending assignment to an IBCT or SBCT. Officers who are selected for Special Forces will be assigned to a small group with all members pending assignment to the Special Forces Qualification Course. This assignment-based training provides the officers more detailed technical and tactical training for company, battalion and brigade operations based on the officer's future assignment. All officers receive the same training on fundamentals, troop leading procedures and full spectrum company level operations for Infantry, Stryker, and Heavy Brigade Combat Teams.

Phase Scope: Phase 3 of MC3 divides the Captains into formation-based small groups to prepare officers to serve in an Infantry, Stryker or Heavy Brigade Combat Team. Prior to this phase Human Resources Command provides Captains their future assignment, based on the Army Force Generation model. This assignment-based training provides the officers detailed technical and tactical training for company, battalion and brigade operations based on the officer's future assignment. Officers (including the other branches attending MC3) who are assigned to a HBCT will be assigned to a small group with all members

pending assignment to an HBCT. Officers who are assigned to an IBCT or SBCT will be assigned to a small group with all members pending assignment to an IBCT/SBCT. The officers assigned to TDA, ROTC, and Echelons above Brigade or those not having received an assignment attend the track reflecting either their branch or most probable follow-on BCT assignment. Foreign officers attend the track which resembles their own particular unit or branch.

MANEUVER CAPTAINS CAREER - MASL : B171621

The Maneuver Captains Career Course accomplishes this mission in three phases. Phase 1 is distance learning consisting of 71 hours of common core training to be completed before graduation. In Phase 2 all officers receive the same training on fundamentals, troop leading procedures and full spectrum company level operations for Light Infantry, SBCT Infantry, and Armor/mechanized companies and teams. The intent is that all officers will be able to develop company level plans for all types of company organizations for full spectrum operations in various environments. Phase 3 of MC3 divides the Captains into formation-based small groups to prepare officers to serve in an Infantry, Stryker or Heavy Brigade Combat Team. This phase is contingent upon Human Resources Command providing Captains their future assignment, based on the Army Force Generation model, prior to this division. Officers (including the other branches attending MC3) who are assigned to a HBCT will be assigned to a small group with all members pending assignment to an HBCT. Officers who are assigned to an IBCT or SBCT will be assigned to a small group with all members pending assignment to an IBCT or SBCT. Officers who are selected for Special Forces will be assigned to a small group with all members pending assignment to the Special Forces Qualification Course. This assignment-based training provides the officers more detailed technical and tactical training for company, battalion and brigade operations based on the officer's future assignment. All officers receive the same training on fundamentals, troop leading procedures and full spectrum company level operations for Infantry, Stryker, and Heavy Brigade Combat Teams.

MANEUVER CAPTAINS CAREER - MASL : B171701

The Maneuver Captains Career Course accomplishes this mission in three phases. Phase 1 is distance learning consisting of 71 hours of common core training to be completed before graduation. In Phase 2 all officers receive the same training on fundamentals, troop leading procedures and full spectrum company level operations for Light Infantry, SBCT Infantry, and Armor/mechanized companies and teams. The intent is that all officers will be able to develop company level plans for all types of company organizations for full spectrum operations in various environments. Phase 3 of MC3 divides the Captains into formation-based small groups to prepare officers to serve in an Infantry, Stryker or Heavy Brigade Combat Team. This phase is contingent upon Human Resources Command providing Captains their future assignment, based on the Army Force Generation model, prior to this division. Officers (including the other branches attending MC3) who are assigned to a HBCT will be assigned to a small group with all members pending assignment to an HBCT. Officers who are assigned to an IBCT or SBCT will be assigned to a small group with all members pending assignment to an IBCT or SBCT. Officers who are selected for Special Forces will be assigned to a small group with all members pending assignment to the Special Forces Qualification Course. This assignment-based training provides the officers more detailed technical and tactical training for company, battalion and brigade operations based on the officer's future assignment. All officers receive the same training on fundamentals, troop leading procedures and full spectrum company level operations for Infantry, Stryker, and Heavy Brigade Combat Teams.

MANEUVER CAPTAINS CAREER - MASL : B171702

The Maneuver Captains Career Course accomplishes this mission in three phases. Phase 1 is distance learning consisting of 71 hours of common core training to be completed before graduation. In Phase 2 all officers receive the same training on fundamentals, troop leading procedures and full spectrum company level operations for Light Infantry, SBCT Infantry, and Armor/mechanized companies and teams. The intent is that all officers will be able to develop company level plans for all types of company organizations for full spectrum operations in various environments. Phase 3 of MC3 divides the Captains into formation-based small groups to prepare officers to serve in an Infantry, Stryker or Heavy Brigade Combat Team. This phase is contingent upon Human Resources Command providing Captains their future assignment, based on the Army Force Generation model, prior to this division. Officers (including the other branches attending MC3) who are assigned to a HBCT will be assigned to a small group with all members pending assignment to an HBCT. Officers who are assigned to an IBCT or SBCT will be assigned to a small group with all members pending assignment to an IBCT or SBCT. Officers who are selected for Special Forces will be assigned to a small group with all members pending assignment to the Special Forces Qualification Course. This assignment-based training provides the officers more detailed technical and tactical training for company, battalion and brigade operations based on the officer's future assignment. All officers receive the same training on

fundamentals, troop leading procedures and full spectrum company level operations for Infantry, Stryker, and Heavy Brigade Combat Teams.

Phase Scope: Phase 3 of MC3 divides the Captains into formation-based small groups to prepare officers to serve in an Infantry, Stryker or Heavy Brigade Combat Team. Prior to this phase Human Resources Command provides Captains their future assignment, based on the Army Force Generation model. This assignment-based training provides the officers detailed technical and tactical training for company, battalion and brigade operations based on the officer's future assignment. Officers (including the other branches attending MC3) who are assigned to a HBCT will be assigned to a small group with all members pending assignment to an HBCT. Officers who are assigned to an IBCT or SBCT will be assigned to a small group with all members pending assignment to an IBCT/SBCT. The officers assigned to TDA, ROTC, and Echelons above Brigade or those not having received an assignment attend the track reflecting either their branch or most probable follow-on BCT assignment. Foreign officers attend the track which resembles their own particular unit or branch.

Special Information:

MCCC consists of 2 phases back to back (Ph-1, Ph-2). Orders must cover both phases.

MANPOWER AND FORCE MANAGEMENT - MASL : B162011

The curriculum concentrates on manpower and force management functions. The subject areas covered during manpower blocks of instruction are tailored to the manpower management functions described in AR 570-4. These functions address the fundamental aspects of planning, programming, requirements determination, standards and guidance, documentation, allocation and analysis and evaluation. The force management subject areas address the fundamental aspects of force management: developing, manning, and equipping the force. Last, HQDA automated manpower and information systems are discussed and compared with the Air Force Manpower Management System. This course is offered in the satellite mode. The curriculum concentrates on manpower and force management functions. The subject areas covered during manpower blocks of instruction are tailored to the manpower management functions described in AR 570-4. These functions address the fundamental aspects of planning, programming, requirements determination, standards and guidance, documentation, allocation and analysis and evaluation. The force management subject areas address the fundamental aspects of force management: developing, manning, and equipping the force. Last, HQDA automated manpower and information systems are discussed and compared with the Air Force Manpower Management System. This course is offered in the satellite mode.

MANPOWER APPRENTICE - MASL : D162007

This course replaces E3ALD3S331 000 effective 2 Aug 05. Training includes an introduction to the manpower career field, work identification and measurement, requirements determination, manpower programming and resource management, organization structure and performance management, and final project that has the students perform the five phases of consulting services including collecting data, developing recommendations, and briefing unit commanders.

MANPOWER PERSONNEL OFFICER - MASL : D162014

This is an initial skills course and personnel that previously held a 36P or 38M AFSC prior to the merger are not eligible to attend the 37F course. The course provides training for Air Force Manpower Personnel Officers who possess AFSC 37FX in the skills and knowledge necessary to perform as Manpower Personnel Officers, with emphasis upon performance at squadron level. The scope of training includes Total Force Management Structure, Data Systems, Civilian Employee Management, Customer Service, Air Force Culture, Education and Training, Military Retirement and Separation Program, Assignments, Squadron Programs, Career Enhancements, Employment, Readiness, and Manpower and Organization.

MANPRINT WORKSHOP - MASL : B151824

Course provides an interactive instruction on MANPRINT and its background, philosophy, purpose and domains. Describes organizational and functional responsibilities and activities in the manager’s organization, discusses timing of these activities generally in terms of the life cycle system management mode. Emphasizes MANPRINTsuccess stories and the value added/return on investment from doing MANPRINT and MANPRINT’s role in concurrent engineering and total quality management is also described to emphasize the ongoing need for cultural change in materiel acquisition. Provides catalyst for the exchange of views and sharing of experiences related to MANPRINT

MAP/CHART/GEOD STAFF OFF - MASL : B125075

Purpose: The Mapping, Charting, and Geodesy (MC&:G) Staff Officer Course provides an understanding of key organizations, concepts, systems, and procedures involved in the production and use of printed and digital maps, charts and digital information. The course emphasizes areas of interest to the staff officer, the planner, and the supervisors who need to

better understand DMA and its products. Target Audiences: DoD personnel in MC&G billets, supervisors whose personnel utilize DMA products, staff officers (especially S/G/J-2s and 3s) and intelligence personnel from all Services, Commands, and DoD Agencies. Topics Include - Fundamentals of MC&G as they impact the staff officer's planning responsibilities, an overview of DMS's products, support and technology, and an introduction to the requirements process. MC&G Fundamentals: - Datum, Grids, and Projections - Product Accuracy - Introduction to Global Positioning Systems (GPS) - Geographic Information Systems (GIS) - Remotely Sensed Imagery (RSI) - Photogrammetric MC&G Support: - Requirements Process - International Agreements - Crisis Support - DMA MUSE Software - Customer Support Teams DMA Products & Services: - DMA Softcopy Catalog - Distribution - Standard Digital Products - Standard Paper Products

MAR SAF PORT CTRL EXAMINER - MASL : P122234

MARINE SAFETY PORT STATE CONTROL EXAMINER: This course is designed to provide entry-level training that prepares a Port State Control Examiner to perform the tasks required to conduct Port State Control Examinations. It is an intensive four week course that integrates performance-based training with classroom instruction. Students are instructed in the use and application of U.S. and international regulations that include Safety of Life at Sea (SOLAS), Maritime Pollution (MARPOL) Protocols, the International Safety Management (ISM) code, the Standards for Training, Certification and Watch-keeping (STCW) and the International Ship and Port Facility Security (ISPS) code.

Prerequisites: The prospective student should be employed as a Port State Control Officer/Examiner within his/her respective country.

Note: Prior familiarity with shipboard operations is highly desirable but is not mandatory.

MARINE SAFETY EXPLOS HNDL - MASL : P122252

This course instructs officers and enlisted personnel in the proper procedures and regulations for safe shipping and in port handling of military and commercial explosives. Subjects taught include: compliance with U.S. and international hazardous material transportation regulations,

requirements for labeling and packaging hazardous cargo, inspections of cargo blocking and bracing, examinations of cargo gear and rigging, container inspections, vessel pre-load examinations, and supervision of cargo handling operations. The course emphasizes 49 U.S. Code of Federal Regulations and International Maritime Dangerous Goods (IMDG) Code.

Prerequisites: None; however, port operations experience preferred.

MARINE SAFTY INVESTIGATION - MASL : P122253

This course is designed to prepare investigating officers to accomplish their duties at a Marine Safety Unit. The course provides pay grades E-6 through O-3 with instruction on the applications of laws, regulations and policies related to investigation of marine casualties. Students use scenarios and role play of marine casualties to practice investigative techniques as well as case processing skills. Note: This course is based on U.S. investigative and administrative laws.

Prerequisite Info: Completion of Marine Safety Entry-Level Port Operations (P122233) or Marine Safety Inspection (P122226).

Note: This course is based on U.S. investigative and administrative laws.

MARINE SCIENCE TECHNICIAN - MASL : P179027

This course provides entry-level training that includes: pollution investigation, monitoring of federally funded cleanup of oil and hazardous material spills, port safety and security, boarding commercial vessels, providing scientific support for unit operations in support of missions of the USCG, environmental laws, occupational safety, dangerous cargo stowage and segregation, cargo transfer monitoring, leadership, incident command system, and career planning information. Prerequisites: None.

MARITIME INTERCEPTOR TRNG - MASL : P145870

Enduring Friendship Maritime Interceptor Training Course: 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.

MARKING CLASSIFIED INFO - MASL : P279220

MARKING CLASSIFIED INFORMATION

Examines the requirements and methods for marking classified documents and other classified materials. Lessons address general marking requirements, marking originally classified information, marking derivatively classified information, marking special types of documents and materials, changes in markings, foreign government information and marking Atomic Energy information.

Target audience: DoD military, civilian and contractor personnel who generate and mark classified information and materials.

Estimate 2.5 hours to complete.

System Required: Internet Explorer browser version 5.5 or higher with Java and JavaScript enabled and internet connection.

POC for Access: Rochelle.Foster.CTR@dss.mil

MAVERICK - EOD - MASL : P193132

Trains selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

MBL USEMEDS CONT HOSP TRN - MASL : D309050

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (WCN/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

MECHANIZED LEADER (M2A2) - MASL : B121195

Vehicle introduction; safety considerations; hull and turret operations and maintenance; weapons systems training; tactics (BFV peculiar); preliminary gunnery; basic gunnery; intermediate gunnery.

MED LOGISTICS MANAGEMENT - MASL : B152217

The 8B-70K67 consists of principles and techniques used in the management of logistical functions in Army hospitals and TOE medical units. Attendance of this course is mandatory to attain the 70K67 Area of Concentration (AOC). Award of the AOC will be in accordance with applicable policies and regulations. The 8B-70K67 consists of principles and techniques used in the management of logistical functions in Army hospitals and TOE medical units. Attendance of this course is mandatory to attain the 70K67 Area of Concentration (AOC). Award of the AOC will be in accordance with applicable policies and regulations.

MED MGT CHEM/BIOLOGICAL CASUALTIES - MASL : B175322

This 6 day course is taught at two separate sites, simultaneously, to two separate groups of students. The biological portion (Phase 1) is taught at the United States Army Medical Research Institute of Infectious Diseases (USAMRIID) at Fort Detrick, Maryland. The chemical portion (Phase 2), which includes a field exercise, is taught at the United States Army Medical Research Institute of Chemical Defense (USAMRICD) at the Edgewood area of Aberdeen Proving Ground (APG-EA), Maryland. The order in which students receive Phase 1 and Phase 2 instruction is unimportant, but each student must complete both phases.

MED MGT OF CHEM & BIOL CASUALTIES - MASL : B175302

This 6 day course is taught at two separate sites, simultaneously. The biological portion (Phase 1) is taught at the United States Army Medical Research Institute of Infectious Diseases (USAMRIID) at Fort Detrick, Maryland. The chemical portion (Phase 2), which includes a field exercise, is taught at the United States Army Medical Research Institute of Chemical Defense (USAMRICD) at the Edgewood area of Aberdeen Proving Ground (APG-EA), Maryland. The order in which

students receive Phase 1 and Phase 2 instruction is unimportant, but each student must be a registered for both phases and must complete both phases.

MEDICAL ASSISTANCE-SPANISH - MASL : B175350

Basic lifesaver measures; basic knowledge of the human anatomy; treatment of complicated injuries; fluid replacement; splinting; suturing, etc.; tactical units with civic actions missions and counterdrug missions, including water purification; emergency childbirth and minor surgical procedures; successful completion of the expert field medic course, where students demonstrate their medical skills, under stress, in simulated conditions; minimum of 12 hours of instruction of human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society. Basic lifesaver measures; basic knowledge of the human anatomy; treatment of complicated injuries; fluid replacement; splinting; suturing, etc.; tactical units with civic actions missions and counterdrug missions, including water purification; emergency childbirth and minor surgical procedures; successful completion of the expert field medic course, where students demonstrate their medical skills, under stress, in simulated conditions; minimum of 12 hours of instruction of human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

MEDICAL NCO - MASL : B175209

The BNCOC courses are under the jurisdiction of the AMEDD NCO Academy. Training stresses the technical, tactical and leadership battle competencies including combat, combat support and combat support services. The training includes general military knowledge and MOS skills required to function as a Team Leader or Squad Leader in support of Army operations. MOS SPECIFIC TECHNICAL TRAINING FOR 76J, 91B, 91E, 91M, 91R, 91T IS INTEGRATED WITH THIS COURSE. Total course length will be determined by the number of weeks of technical training plus the 7 weeks, 1 day of common leader training.

Technical track:

Provides enlisted personnel medical skills needed to function at NCO level on a modern battlefield or in Garrison pre-hospital care and emergency/ambulatory treatment facilities. Subjects covered are: forward battlefield care; principles and procedures for triage; physical assessment of body systems; anatomy and physiology; pharmacology; disease and disorders; advanced trauma management skills, and treating minor medical problems. This course is integrated with the Basic Noncommissioned Officer Course. Work uniform required. Strongly recommend IMS be immunized for Hepatitis B. Duration of technical track is 10 weeks. The BNCOC courses are under the jurisdiction of the AMEDD NCO Academy. Training stresses the technical, tactical and leadership battle competencies including combat, combat support and combat support services. The training includes general military knowledge and MOS skills required to function as a Team Leader or Squad Leader in support of Army operations. MOS SPECIFIC TECHNICAL TRAINING FOR 76J, 91B, 91E, 91M, 91R, 91T IS INTEGRATED WITH THIS COURSE. Total course length will be determined by the number of weeks of technical training plus the 7 weeks, 1 day of common leader training.

MEDICAL SPECIALIST (BASIC) - MASL : B175211

Scope: To prepare enlisted personnel to become soldier medics and provide emergency medical treatment, limited primary care, force health protection and evacuation in a variety of operational and clinical settings from point of injury or illness through the continuum of military health care. The trainee receives specific training in combat and military operations other-than-war casualty care, medical care for patients exposed to weapons of mass destruction, deployable medical systems, aircraft and ground evacuation, and casualty triage and processing. The course trains the requirements of the National Registry of Emergency Medical Technicians - Basic (EMT-B) as a foundation for the Health Care Specialist. Upon successful completion of this course soldiers will be National Registry certified as an EMT-B. Scope: To prepare enlisted personnel to become soldier medics and provide emergency medical treatment, limited primary care, force health protection and evacuation in a variety of operational and clinical settings from point of injury or illness through the continuum of military health care. The trainee receives specific training in combat and military operations other-than-war casualty care, medical care for patients exposed to weapons of mass destruction, deployable medical systems, aircraft and ground evacuation, and casualty triage and processing. The course trains the requirements of the National Registry of Emergency Medical Technicians - Basic (EMT-B) as a foundation for the Health Care Specialist. Upon successful completion of this course soldiers will be National Registry certified as an EMT-B.

MEDICAL STRATEGIC LEADERSHIP PROGRAM - MASL : B175283

The 6-250-C1 (International) is a multinational, postgraduate level course. For international officers the course is 3 weeks long. The course focuses on strategic planning in the medical arena with emphasis on coalition operations. Major areas of

instruction include US Army Medical Policy and Organization, Military Readiness, Medical Observer Training, International Law, Nongovernmental Organizations, Counterterrorism, Intercultural Relations, Nongovernmental Organizations, Strategic Lessons Learned, Media Relations, Force Health Protection, Research and Development, Interagency Planning, and Government Policy. Understanding of and concern for human rights is an integral part of the course. A primary goal is for senior U.S. and International military officers to form close professional and personnel bonds that allow a long-term relationship to develop. Through these relationships U.S. and international officers maintain contacts and work together to support seamless global medical operations. This is extremely important due to the steadily increasing incidence of coalition operations. This goal is accomplished using a management technique known as a "retreat". Students spend as much time as possible together discussing pertinent issues and sharing experiences. During the final week, when relationships solidify, students stay in the same lodging, eat all meals together, and participate in evening functions, both structured and unstructured. This program is divided into three segments. Segment One is for International students only and consists of five days of U.S. Army medical policy and organization, military readiness, and medical observation training. Segment Two is five days of in-residence instruction at the Army Medical Department Center and School, at Fort Sam Houston, Texas focusing on International Law, Counterterrorism, Intercultural Relations, Nongovernmental Organizations, and Strategic Lessons Learned. US Army students join the course at the beginning of Segment Two. Segment Three is convened in New York and Washington D.C. during which students spend five days participating in briefings and guided discussions on force health protection, research and development, media relations, interagency planning, and government policy.

MEDICAL TRAINING - MASL : D309005

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (WCN/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

MEDICAL X-RAY SURVEY TECHNIQUES - MASL : B175243

Emphasis is placed on the physical principles of x-ray production and imagery, JCAHO and quality assurance, biological effects of radiation, organ dose estimation, and federal x-ray system performance standards. Practical exercises on survey procedures are an integral part of the course.

MET CIV-MILITARY RELATIONS - MASL : P309070

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.

MET CT- REGIONAL CIV-MIL - MASL : P273011

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 SAOs 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-regions) 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.

MET CT-RESP TO TERRORISM - MASL : P309069

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.

MET MEDIA AND MILITARY - MASL : P309148

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.

MET REGIONAL CIV-MIL RELS - MASL : P273001

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. SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

MET REGIONAL DIILS - MASL : P309062

This is a regional MET with the individual topic to be determined by discussion between DIILS and SAOs 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 SAO may be asked to assist in obtaining suitable lodging for participants from other nations. Sending nations use MASL 273010 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.

MET REGIONAL MIL-JUSTICE - MASL : P273010

SAOs 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.

MGMT INFORMATION SYSTEMS - MASL : PDET002

Train international officers and enlisted personnel Basic Computer Operations, Basics of Various Computer Software Programs, and Applications.

Note: Students should report 5 days prior to class convene.

MIL OPS OTHER THAN WAR - MASL : P173800

- Provide students with a basic knowledge of concepts, terms, organizations, and planning considerations of Military Operations Other Than War (MOOTW).
- Present students with the U.S. perspective relative to MOOTW in general and peace operations and humanitarian assistance operations in particular.
- Prepare students to assume duties on a staff that may be involved in conducting, planning, or supporting peace operations and/or humanitarian assistance operations.

SCOPE: The course includes classes that cover an array of aspects of MOOTW and include legal considerations; training considerations; interagency organization; NATO, UN, and multinational organizations; intelligence considerations; health services support; civil engineering support; logistical considerations; civil affairs, and U.S. policy on peace operations.

Students will conduct a case study and assess lessons learned from previous peace operations and humanitarian assistance operations. The course is taught at the operational level and presents the U.S. perspective relative to MOOTW in general, and peace operations and humanitarian assistance operations in particular.

PREREQUISITES: This course is open to U.S. Military (E-5 to O-6); U.S. government employees (GS-7 to GS-15), and international officers; and senior enlisted, and civilian staff members of a country s Ministry of Defense.

MTT associated with this course is MASL P309199.

MIL PK(INACTIVE-SEE PDI) - MASL : P176019

MIL & PCKEEP OPS IAW ROL

PKRL is a professional development course that promotes the practical application of the rule of law to military and peacekeeping operations.

What are the benefits of PKRL?

1) Prepares national contingent commanders and staff officers to effectively apply international legal standards to current peacekeeping and coalition operations to include disaster relief operations.
2) The capability of participants to function effectively in a multinational coalition environment is enhanced through understanding and interactive application of UN and other coalition legal procedures.
3) Participants learn how to develop national plans and training to prepare for future participation in peace operations.

Who should participate in PKRL?

The course is designed for military officers and senior civilian officials assigned as peacekeeping contingent commanders or staff advisors as well as attorneys assigned to assist in peacekeeping activities.

What do PKRL participants learn?

The course curriculum focuses on coalition and peacekeeping operations, and stresses the need to conduct all military operations within the rule of law. PKRL promotes practical application of legal principles through expert guest speakers, working visits to the United Nations and Washington D.C., and discussion exercises. A special three day "mini" course on negotiating and mediation skills is offered by visiting instructors from the U.S. Institute of Peace (USIP). The course also features an Informational Program that supports the curriculum with local sponsors for each student and appropriate visits in Boston, New York and Washington D.C.

PKRL 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.

MILITAR SEARCH OPERATIONS - MASL : B126001

Introduction: Search operations allow Commanders to take the initiative by depriving the enemy of resources and disrupting his freedom of movement. The intelligence and evidence located during a successful search will often provide the greatest opportunities to attribute a find to a specific individual or group which may lead to a conviction in a court.

Purpose: The purpose of this course is to train selected personnel on the management and application of advanced, systematic search procedures for the search of personnel, vehicles, external areas, routes, occupied/unoccupied buildings, utilities and venues.

Concept: The course is a 3-week event. Week 1 provides a common core syllabus of theory and practical exercises for both Unit Search Advisors (USA) and Unit Searchers. During Week 2, USAs and Searchers undertake separate modules to enhance their skills applicable to their roles. USAs will concentrate on the planning criteria for search operations while Searchers will undertake a number of basic searches designed to enhance their understanding of the procedures and practicalities associated with each search task. Week 3 is the culmination of training where the USAs and Searchers will be tested on their ability to plan and execute advanced Search Operations in a scenario driven practical exercise.

MILITARY FREE FALL JUMPMASTER - MASL : B126625

Military free-fall jumpmaster duties and responsibilities; nomenclatures; altimeters; automatic ripcord release devices; wind drifts calculations; emergency procedures; oxygen equipment and procedures; jump commands and aircraft procedures; techniques of spotting; high altitude high opening (HAHO) techniques; MC-4 RAPS rigging and packing; rigging and supervision of rigging/inspection of individual equipment, weapons and main parachutes; military free-fall operations planning; and military free-fall jumper/jumpmaster refresher training.

MILITARY FREE FALL PARACHUTIST - MASL : B126620

Military free-fall parachute ground training; physiological training, body stabilization (vertical wind tunnel), basic aircraft procedures, combat equipment (rucksack and weapon), advanced aircraft procedures to include individual exits with combat equipment, mass exits, grouping exercises, night airborne operations, and life-support equipment; and procedures with high-altitude airborne operations. Upon completion of the course, the student will be able to perform both night and day combat equipment high-altitude military free-fall operations with and without oxygen.

MILITARY INTEL OFF TACT - MASL : B172610

This MASL is program for special counter terrorism training for Jordan at Fort Huchuca. This MASL is program for special counter terrorism training for Jordan at Fort Huchuca.

MILITARY INTELLIGENCE BASIC OFFICER LEADER - MASL : B172597

Officer basic skills and knowledge and tactical all-source intelligence officer and MI platoon leader skills and knowledge. Subjects include enemy threat, unit training management, electronic warfare, human intelligence, signal intelligence, imagery intelligence, operations security support, counter-intelligence, and tactical all-source intelligence production.

MILITARY INTELLIGENCE CAPTAINS CAREER - MASL : B172599

Phase 1 trains MI officers at Fort Huachuca in MI common core, intelligence support to brigade/battalion operations (ISBO) and intelligence support to division, corps and Joint operations (ISDCJ) with emphasis to preparation for company command and branch staff duties at all echelons (focus to corps and below). Phase 2 is conducted at Fort Leavenworth as CAS3.

MILITARY LAW DEV PROGRAM - MASL : P176026

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 Course 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.

MILITARY POLICE CPT CAREER - MASL : B171740

The training will be battle focused and will stress technical, tactical, and leadership skills; military ethics; and customs and traditions of the service -- those values and principles which will enhance the officer s professional development. The MPCCC includes the training of the four essential military police competencies of skill proficiency, human dimension and attitude, camaraderie and team building, and leadership. MPCCC students are trained to develop the doctrinal framework of understanding to allow them to apply critical thinking in the decision-making process. The over-arching theme of MPCCC is leadership. The training will be battle focused and will stress technical, tactical, and leadership skills; military ethics; and customs and traditions of the service -- those values and principles which will enhance the officer s professional development.

MILITARY POLICE INVESTIGATOR - MASL : B173582

Criminal law, crime scene processing, testimonial evidence, investigation of crimes against persons and property, physical evidence, drug investigations, investigative reports, special investigative techniques, and protective services.

MILITARY TNG INSTRUCTOR - MASL : D166037

Provides professional training expertise on matters unique to the US Air Force basic training environment for selected male and female personnel to perform as military training instructors. Graduates are awarded special duty identifier (SDI) 8B000, are assigned to Air Education and Training Command (TC), and perform duties only at Lackland AFB TX with the 737 Military Training Group. The course provides pre-service training required to give students the knowledge and skills relevant to perform duty in the basic training MTI field. The course is the only formal course of instruction by which personnel from active, reserve, and guard components of the Air Force may become MTIs. Training includes fundamentals of teaching and job-oriented practice teaching of military training activities. Subjects include instruction, flight administration, and flight management.

MILITARY WORKING DOGS - MASL : D302042

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (WCN/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location either in CONUS or OCONUS.

MILSTAMP - MASL : B153761

General overview of Defense Transportation Regulation (DTR) Part II/MILSTAMP application and its interface with other military standard transportation systems. Subjects include Activity Address Directories, Transportation Account Codes, shipment planning, Transportation Control and Movement Document (TCMD) preparation, clearance procedures, address marking, ocean cargo and air terminal documentation, shipment tracing, and in-transit data reporting.

MINE COUNTER MEAS OFF INTL - MASL : P123210

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.

MINE WARFARE INTRO CBT - MASL : P171022

MINE WARFARE INTRODUCTION COURSE - COMPUTER BASED TRAINING

Computer Based Training (9 hours) curriculum extracted from Mine Warfare Orientation for ROKN Expeditionary Warfare students.

MINE WARFARE ORIEN INTL - MASL : P171221

NOPRIOR 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.

MISC BUMED TRNG - MASL : P175PBM

To provide advanced studies in various specialties for Medical officers.

MISC DRMI TRNG - MASL : P162PDR

MISC DRMI TRNG

DRMI will work with SAOs 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.

MISC MARCORPS TRNG - MASL : P129PMC

MISC MARCORPS TRNG

MISC NAVAIRSYSCOM TRNG - MASL : P129PNA

To train aviation technicians to independently troubleshoot, disassemble, inspect, repair, reassemble and test airborne equipment and related support equipment.

MISC NAVSEASYSCOM TRNG - MASL : P129PSE

MISCELLANEOUS UNCLASSIFIED NAVSEA TRAINING

MISL FLT ANL SM-2 SEMINAR - MASL : P199022

MISL FLT ANL SM-2 SEMINAR

POCS for this course: Joe Simon and Brian Park @ NSWC Corona CA ((951) 273-4551/909-273-4502).

MK41 VLS FMS OPER/MAINT - MASL : P145546

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, Strike-down 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

MK41 VLS SYS TBSH-FIT (CN) - MASL : P195168

MK41 VLS SYSTEM TROUBLESHOOTING AND FAULT ISOLATION TRAINING (CANADA) This course provides a systems level approach to prepare MK 41 VLS personnel to fault isolate and repair the MK 41 VLS to the highest levels supported by organizational level documentation. All procedures are closely monitored to insure correct skill development. Lecture topics include: Mk 41 VLS Operational Description, Mk 41 VLS Power Distribution, Functional Description, Mk 41 VLS Deluge System, MK 41 VLS Anti-Icing System, Mk 41 VLS Launch Control System, Functional Description, Data Reduction, and BITE Description, and Strikedown Operations. Laboratory topics include: MRC M-8 (Status Panel BITE) MRC Q-1 (Motor Control Panel and LSEQ BITE) Status Panel Fault Isolation, Anti-Icing Fault Isolation, Motor Control Panel Fault Isolation, LSEQ Fault Isolation, Module Power Supply Fault Isolation, Power Distribution Fault Isolation, and Launch Control System Fault Isolation. Students will receive the skill and knowledge to perform, without direct supervision, the authorized maintenance level, documented fault isolation and repair procedures; repairs and isolation of faults that cannot be located using procedures contained in prescribed documentation or that require advanced analysis to complete the procedure; and the authorized maintenance level, isolation of launch related faults that require advanced analysis on the MK 41 VLS MOD T. TARGET AUDIENCE: Personnel from VLS related activities who will have direct involvement with the VLS community as well as engineers and technicians who intend to work directly with the VLS.

MK45 UNIVERSAL/FUZE TEST COUPLER FAMILIARIZATION - MASL : P195156

This course will provide the student with Familiarization of the MK 45 UTC/FTC.

This course includes, but is not limited to MK 45 UTC/FTC Familiarization and Documentation.

TARGET AUDIENCE: Test Equipment Maintenance Technicians

LOCATION: Requestors Location or Raytheon Missile Systems, Tucson, AZ

PREREQUISITES: Should pass English Comprehension Level (ECL) test with a minimum score of 70%.

CLASS SIZE LIMIT: Minimum 2, Maximum 12

AVAILABLILITY: Course available upon request and instructor availability.

MK92 MOD 2 DIFF FMS - MASL : P134179

MK92 MOD 2 FIRE CONTROL SYSTEM FOREIGN MILITARY SALES DIFFERENCES

The MK92 Mod 2 Fire Control System Foreign Military Sales Differences Course is designed to provide Foreign Military Personnel the training necessary to understand the differences in maintenance and operation between US Navy and Foreign Navy Mk92 Fire Control System platforms. Scope: Perform basic operation, preventative/corrective maintenance on the Mk92 Fire Control System Separate Track and Illuminating Radar (STIR) and the Continuous Wave Illuminator (CWI) subsystems utilized by Foreign Navy's. Pre-requisite course: A-113-0080, FCS MK92 MAINT

MK92 MOD2 (De-act-SeeTCC) - MASL : P134145

Provides knowledge and skill necessary to enable the technician to operate and maintain the MK-92 MOD-2 Gun FCS. Subsystems include Publication and Documentation, Power Distribution, Combined Antenna System (CAS) Pulse Transmitter, CAS Air Track Radar, CAS Search Processor and Track-While-Scan, Cross Field Amplifier System, Microwave Distribution, Servo Control Cabinet, Command and Control, FCS Weapons Control Consoles operation, Casualty Monitoring Equipment, and the operation and loading of the AN/UYK-7 Digital Computer.

MK92 MOD6 (De-act-SeeTCC) - MASL : P134172

MK-92 MOD-6 FCS DIFFERENCE

Provides the knowledge and skills required to maintain, and perform operation procedures incidental to maintenance, for the MK-92 MOD-6 FCS. Training includes practical application in identification and function of system components, casualty analysis, troubleshooting and the performance of tests and adjustments for the MK-92 MOD-6 FCS.

MOBILIZATION/DEPLOYMENT PLANNING - MASL : B171769

Addresses the mobilization and deployment process at various levels of command within the Army. Focus of the course is on the legal authorities, concepts, plans, policies, procedures, and responsibilities for mobilization and deployment at DOD, HQDA, MACOM, CONUSA/STARC/MUSARC, and installation levels. Mobilization and deployment planning interfaces at various Army command levels, and the dependency of mobilization and deployment on automated systems are emphasized.

MOS MAINT/TW - MASL : P145130

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.

MOTOR ELECTRIC REWIND - MASL : P131042

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), and 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.

MP BASIC OFFICER LEADER - MASL : B121270

PROPOSED IMPLEMENTATION FY06

MQ-9 REAPER PILOT TRANSITION (UK) - MASL : D116198

Prerequisites (if any) : The Joint Firepower Course (JFC) located at Nellis AFB, NV, is highly desirable, but not a prerequisite. For the TX course the Pilot must be previously qualified MQ-9 or MQ-1 pilot within the past five years.

Course description as it would be on ETCA:

Trains personnel to mission ready (MR) status in the pilot and sensor operator crew positions on the MQ-9 Reaper system in the following missions:

- Air Interdiction

- Close Air Support (CAS)
- Intelligence, Surveillance and Reconnaissance (ISR)
- Strike Coordination and Reconnaissance (SCAR)
- Time-Sensitive Targeting (TST)

MQ-9 REAPER SENSOR OPERATOR TRANSITION CRS (UK) - MASL : D116199

Prerequisites (if any) : The Joint Firepower Course (JFC) located at Nellis AFB, NV, is highly desirable, but not a prerequisite. For the TX course the Sensor Operator must be previously qualified MQ-9 or MQ-1 sensor operator within the past five years.

Course description as it would be on ETCA:

Trains personnel to mission ready (MR) status in the pilot and sensor operator crew positions on the MQ-9 Reaper system in the following missions:

- Air Interdiction
- Close Air Support (CAS)
- Intelligence, Surveillance and Reconnaissance (ISR)
- Strike Coordination and Reconnaissance (SCAR)
- Time-Sensitive Targeting (TST)

MSL MAINT & AUTO TEST BNCO - MASL : B132470

This course contains Computer Literacy, Electronic Enhancement Training (EET), Advance Training Simulation (ATS) Trainer, shop operations and supply management, electronic technical manual (ETM), and field training exercise (FTX), required for the training and supervision of an electronic maintenance shop facilities. This course contains Computer Literacy, Electronic Enhancement Training (EET), Advance Training Simulation (ATS) Trainer, shop operations and supply management, electronic technical manual (ETM), and field training exercise (FTX), required for the training and supervision of an electronic maintenance shop facilities.

MS-PLATOON LEADER OFFICER BASIC (OBLC) - MASL : B175205

This course meets the requirements of Initial Entry Training mandated by Title 10, U.S. Code, the completion of which is required before an officer can be deployed outside the Continental United States (OCONUS). The course is divided into three modules: Preparatory, Common Core, and Track.

1. Preparatory- (1 week in duration): This module must be attended by those officers who have: a. NOT had prior ARMY service or pre-commissioning training (e.g., U.S. Military Academy, Reserve Officer Training Corps, Officer Candidate School) within the past 4 years OR; b.Served less than 12 months in their Army National Guard or U.S. Army Reserve Unit. (NOTE: Assignment officers should also consider sending officers with special circumstances who would also benefit from attending this Preparatory Module.)

2. Common Core- (8 weeks in duration): a. after students complete the Preparatory Module, they attend the Common Core Module along with those OBC students who have had prior Army experience; b. the Common Core consists of 3 weeks of general military subjects, a 1-week field training exercise (FTX), and 4 weeks of Leader Competencies Training.

3. Track: a. the Track Module begins immediately following the Common Corps Module. b. there are 16 Tracks that run concurrently with students attending the Track that pertains to their specific area of concentration (AOC). (For track lengths, see below.) There is NO track training during mobilization. c. Track lengths are as follows: Length ZA Army Nurse Corps (AN) 2wks; ZB Army Dental Corps (DC); 2wks ZC Medical Corps (MC) l wk; ZD Medical Svc Corps (MS)/(70B/67J) Platoon Leader 2wks; ZE Medical Svc Corps (MS)/(71A,B,E) Laboratory 2wks; ZF Medical Svc Corps (MS)/(72C67) Audiology 2wks; ZG Medical Svc Corps (MS)/(72D/72E) Envir Sci/Engineer 2wks; ZH Medical Svc Corps (MS)/(72A67) NBC 2wks; ZI Medical Svc Corps (MS)/(73A/B) Behavioral Science 2wks; ZJ Medical Svc Corps (MS)/(67E) Pharmacy 2wks; ZK Medical Svc Corps (MS)/(67F) Optometry 2wks; ZL Army Med Spec Corps (SP)/{65A) Occupational Therapy lwk; ZM Army Med Spec Corps (SP)/(65B) Physical Therapy lwk; ZN Army Med Spec Corps (SP)/(65C) Dietitian lwk; ZO Army Med Spec Corps (SP)/(65D) Physician Assistant 2wks ; ZP Veterinary Corps (VC) 5wks.

MTT - AIM-7 - MASL : P308006

MTT includes AIM-7 Missile Handling Maintenance and AUR/GCS Testing. (Consists of training from resident courses P196007 and P196008).

MTT - AIM-9M SIDEWINDER - MASL : P308005

Provides AIM-9M Sidewinder 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

MTT - MOBILE TRAINING TEAM - MASL : B319001

This MASL is used when a Mobile Training Team is required. This MASL is used when a Mobile Training Team is required.

MTT ADV O/BOARD MTR MTCG19 - MASL : P314103

This course teaches advanced outboard preventative maintenance and advanced troubleshooting techniques and complete disassembly and re-assembly of power heads. Students will receive classroom instruction as well as practical experience in major engine overhaul procedures. This course is designed for Outboard Motor Corporation (OMC) outboard motors. However, it can be modified to include other engine manufacturers.

Class Size:

Maximum: 20 students

Minimum: 12 students

Materials: Host country must have outboard motors to work on, including required special tools and manuals for specific motors.

Prerequisite: Completion of Outboard Motor Maintenance (P314101) and a background in engineering.

Note: Requests for MET/MTTs must be specific and include as much background information as possible (See Page V-19 Specifically needed is manufacturer s information on host nation outboard motors.

MTT BOILER INSPECTOR - MASL : P309178

Contractor Mobile Training Team (MTT) to provide operator and maintenance training for the Knox Class Ships.

MTT CG LDRSHP MGMT COURSE - MASL : P305025

This course develops greater leadership skills for officers and petty officers. It gives them management tools to more effectively achieve their unit s missions. Emphasis is place on understanding one s own strengths and weaknesses before attempting to change the unit or others. The curriculum utilizes class discussion, group interaction, role plays, case studies, and experiential learning to cover topics including:

- Self Awareness
- Motivation
- Theories of Leadership
- Teamwork
- Conflict management
- Process Management
- Performance Appraisal
- Ethics
- Communications
- Performance Problem Solving
- Change Leadership

MTT COASTAL SAR OPS 23 - MASL : P309163

This course provides qualified coxswains and patrol boat crews with hands on experience in conducting coastal search and rescue operations. Topics covered include: awareness and initial actions; coxswain duties and decision making; boat crew duties and responsibilities; search area description; selecting, plotting, and navigating search patterns; vessel approaches; stern and alongside towing; communications; risk management and public relations. The course includes two days of classroom instruction on search and rescue planning and three days of underway-operational training, with a final search and rescue exercise.

Class Size:

Maximum: 16 coxswains

Minimum: 4 coxswains

Up to eight additional small boat crew members and operations center personnel are encouraged to attend the two days of classroom instruction.

MTT CONTAINER INSPECTION - MASL : P309165

This course is designed for enforcement personnel who will be conducting inspections of inter-modal shipping containers. The curriculum consists of various modules so that the MET/MTT can be tailored for the appropriate target audience. The following subjects can be included: primary dangerous goods shipping regulations, radioactive shipments, explosive shipments, shipboard stowage and segregation of dangerous goods, multi- agency strike force operation planning and execution, government/industry partnership training, safety awareness training, and dangerous goods material communications for response personnel. The target audience can range from government or industry personnel with no to little, basic or extensive knowledge of shipment of dangerous goods, including personnel from various agencies that have an overlapping responsibility for inspections of intermodal shipping containers for dangerous goods, drugs and other contraband.

MTT CONTR MISC - MASL : P309508

MOBILE TRAINING TEAM (CONTRACTOR TAUGHT) MISCELLANEOUS

MTT CT - LEGAL ASPECTS - MASL : P309063

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.

MTT CURR INFUS PROG EIMET - MASL : P319135

This course is designed for those nations setting up their own Boarding Officer School at an established training center or academy. Two 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 MLE, training aids, and instructional expertise working with the dedicated trainers to improve the established program.

Class Size:

Maximum: 8 students

Minimum: 3 students

MTT DRMEC - OVERSEAS - MASL : P319016

Mobile education teams from the Defense Resources Management Institute (DRMI), Monterey, California teach the Mobile International Defense Management Course (MIDMC). The course focus is resources management and analytical decision making and can be tailored to address the specific needs of the host nation. 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.

MTT ENG/LOG ADMIN TRNG O/S - MASL : P314100

This course assists countries in developing an engineering and logistics support system necessary for vessels and support facilities conducting Coast Guard type missions. Basic training is provided in safety, preventative maintenance systems (3M type), engineering logs, records, budgeting and finance.

Class Size:

Maximum: 32 students

Minimum: 12 students

Material: Host nation will need to provide the following:

- Slide projector
- Overhead projector

Classroom large enough for number of students (preferably climate controlled) with tables and chairs.

Prerequisite: None.

Notes: Students should work in engineering jobs and/or be responsible for management of engineering records, procurement, and supply.

Requests for MET/MTTs must be specific and include as much background information as possible (See Page V-19.) This course is most effective when it is tailored to the host country s needs. Trainers will need to know what equipment the country is required to maintain.

MTT HULL MT&DMG CONT CG14 - MASL : P314102

This course teaches basic preventative maintenance and repair for fiberglass, aluminum and steel-hulled vessels. Course will be tailored to host nation's vessel types.

Class Size:

Maximum: 20 students

Minimum: 12 students

Materials: Materials will need to be purchased in country prior to training team's arrival. Lists of materials will be developed by International Training Division at Yorktown with sufficient lead-time to make procurements.

Prerequisite: Students must have a background in engineering or damage control.

Note: Requests for MET/MTTs must be specific and include as much background information as possible (See Page V-19.) Specifically needed is manufacturer's information on the host nation's vessels hull materials.

MTT M/MARITIME SCA PHI E/I - MASL : P319132

The preliminary phase of the Model Maritime Service Code (MMSC) program consists of a visit to the participating country, for about five days, by a team composed (typically) of an experienced Coast Guard attorney and one or two mission area specialists. The MMSC team will make an assessment of the issues and challenges facing the nation as it employs, or undertakes to employ, forces to manage its maritime affairs. The goal is for the MMSC team to learn about existing domestic laws, institutions, legislative and regulatory processes, and major maritime activities within the nation so that subsequent assistance provided under the MMSC program is tailored to the nation s needs. To perform the assessment, MMSC team members will meet with a variety of government officials and with representatives of relevant, non-governmental organizations. Team members also will brief interested persons on the availability and potential uses of the USCG Model Maritime Service Code.

MTT MAINTENANCE - NAVSEA - MASL : P314004

To provide a NAVSEA Mobile Training Team to go in-country for the purpose of training foreign personnel to maintain identified equipment/systems.

MTT MAINTENANCE NAVSCIATTS - MASL : P309173

MOBILE TRAINING TEAM SMALL CRAFT OPERATIONS NAVSCIATTS

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 manufacturer's manuals for practical application and as a training aid reference.

MTT MAR ENVIRON SECUR SEM - MASL : P319043

The first phase of this offering is in seminar format and is designed for mid-managers and senior managers. Phase One is a overview of the U.S. Coast Guard s Marine Safety and Environmental Protection Program. An assessment of the host nation s program is also conducted. The assessment is used to determine the host nation s specific training needs, as well as the best audience or agency to receive the training. A specific training program is then designed and delivered at a later date, or over a series of dates. During subsequent phases, a U.S. Coast Guard training team returns and delivers the customized program to the target audience. Topics include the following:

- Waterfront Facility Designations and Inspections
- Freight Vessel/Tank Vessel Navigation Safety and Pollution Prevention Examinations
- Maritime Pollution Laws (MARPOL Annexes I through V)
- Safety of Life at Sea (SOLAS) Conventions
- International Maritime Dangerous Goods Code (IMDG)
- International Hazard Classes
- Cargo Stowage and Segregation
- Freight Container Inspections
- Maritime Occupational Safety and Health
- Spill Containment/Recovery Devices and Techniques
- Shoreline Cleanup Techniques and Damage Assessment
- Contingency Planning
- Incident Command System (ICS)

Seminar Size:	Class Size:
Maximum: 12 persons	Maximum: 24 students
Minimum: 6 persons	Minimum: 12 students

MTT MARINE CORPS - MASL : P302301

MTT MARINE CORPS

MTT MARITIME CRISIS MGMT - MASL : P319149

Coast Guard Maritime Crisis Management Seminar (CG-27)

This course is designed to provide the skills necessary for decision-makers to manage, respond to and mitigate an emergency or crisis incident within a maritime port. Inter-agency cooperation and support are emphasized throughout the course. The course is divided into four modules and can be custom tailored to country s specific needs. Crisis Control: during Module I, students receive an overview on Weapons of Mass Destruction (WMD) as well as information on the latest known WMD smuggling trends. During Module II, students receive lecture regarding internationally recognized principles for protecting a maritime port complex, vulnerability assessment, risk management and risk-based decision making. Module III is an overview of the Incident Command System (ICS) and the principles of crisis management. The final module is a customized tabletop "maritime crisis" exercise.

MTT MISSILE (NAVSEA) - MASL : P308003

MTT MISSILE (NAVSEA)

MTT MLE ADV BOARD OFF - MASL : P319143

In addition to the material presented in the Boarding Officer (Counter-narcotics) MLE MET/MTT (P319100), this course includes extensive instruction and practical exercises in defensive tactics, arrest procedures, additional boarding exercises, additional hidden compartment and smuggling detection exercises, crime scene management, use of deadly force judgmental exercises, and hazardous situations awareness training. The course is designed to provide host nations boarding team members with classroom instruction and numerous practical exercises in order to confidently conduct normal to high risk boardings.

Class Size:

Maximum: 24 students

Minimum: 16 students

MTT MLE BOARDING OFF EIMET - MASL : P319100

This course consists of three days of classroom instruction with two days of practical training and exercises. The course is tailored to the country s specific needs and previous training experience. Classroom subjects include international law, boarding preparation and procedures, use of force, detection of hidden compartments, narcotics identification, and officer interpersonal communication. Practical training includes high-risk search techniques, arrest procedures, and drug identification lab. Practical exercises are designed to reinforce classroom instruction by giving each student an opportunity to apply classroom theory in simulated boarding situations.

Class Size:

Maximum: 24 students

Minimum: 16 students

MTT MLE INTERD C/N EIMET - MASL : P319101

This course is designed for officers and/or senior enlisted with the responsibility for planning and implementing multi-unit law enforcement interdiction operations, i.e. vessel commanding officers and operations center personnel. The course curriculum includes operations center organization, patrol planning, development of an interdiction plan, and stress and crisis management. The course is approximately 70% practical exercise including the development of an operations plan and the implementation of that plan during two intense tabletop exercises.

Class Size:

Maximum: 16 students

Minimum: 12 students

MTT MLE JOINT BRD EN EIMET - MASL : P319130

This course is identical to the Boarding Officer, Maritime Law Enforcement (P319100) but is taught jointly by two USCG instructors and two or more host nation instructors. This course is designed to increase the instructional proficiency of the host nation instructors and provide an increased number of trained boarding officers for the host nation at a reduced cost to the funding source.

Class Size:

Maximum: 32 students (24 optimal)

Minimum: 16 students

MTT MLE TRAINER EIMET - MASL : P319102

This one week course is designed to instruct students on how to effectively train others in maritime law as boarding officers or boarding team members. Students in this course are taught techniques in student management, presentation skills, developing visual aids, developing boarding scenarios, and theories of feedback and adult learning. The course is fast-paced and is instructed in a workshop format. Each student will be required to present two blocks of instruction.

Class Size:

Maximum: 12 students

Minimum: 6 students

MTT NAVPGSCOL - MASL : P319008

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.

MTT OPERATIONS NAVSCIATTS - MASL : P309172

NAVSCIATTS resident courses tailored to country specific needs and taught in-country.

MTT OTHER - MASL : P309034

MTT OTHER

MTT OUTBOARD MTR MAINT O/S - MASL : P314101

This course teaches basic preventative maintenance and advanced troubleshooting techniques for outboard boat motors. Students will receive classroom instruction as well as practical experience on the host country s outboard motors. This course is designed for Outboard Motor Corporation (OMC) outboard motors. However, it can be modified to include other engine manufacturers.

Class Size:

Maximum: 20 students

Minimum: 12 students

Materials: Host country must have outboard motors to work on, including required special tools and manuals for specific motors.

Prerequisite: Students must have a background in engineering.

Note: Requests for MET/MTTs must be specific and include as much background information as possible (See Page V-19 Specifically needed is manufacturer s information on host nation outboard motors.

MTT PORT SEC/VUL ASM - MASL : P319131

This course provides students with the tools to promote port security, deter theft, and improve counter-narcotics interdictions. Designed for mid-level managers, the course content is identical to Port Physical Security/Port Vulnerability Assessment (P319106). However, students receive additional instruction in waterways management tools and risk management. There is a third tabletop exercise which involves developing a physical security plan within a port area assessed during the physical security survey or port vulnerability assessment exercises.

Class Size:

Maximum: 20 students

Minimum: 10 students

MTT PORT SECURITY, VUL ASM - MASL : P319106

This course 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.

Topics include:

- Access Control
- Barrier Systems
- Intrusion Detection Systems
- Security Lighting Systems
- Locking Systems
- Security Surveys
- Port Vulnerability Assessments

Class Size:

Maximum: 24 students

Minimum: 12 students

MTT PORT STATE CONTROL CG-31 - MASL : P319042

This course is designed to provide host nations exposure on how to monitor commercial vessel traffic in compliance to international conventions and verify that vessel operation and manning is applicable to international laws.

Best practices will be shared on the implementation and maintenance of the service's within a Port State Control Program that include inspection techniques for the verification of vessel condition, monitoring techniques, and the application of both security & environmental procedures. Challenges in the adherence to international safety, security, and environmental standards are covered as well.

Class Size: Max: 24 Students; Min: 12 Students

Topics covered during the course:

- Port State Control History
- Vessel Targeting
- - SOLAS requirements for Major Vessel Systems (Hull/Structural Integrity, Machinery/Engineering Plant, Fire Protection, Lifesaving Equipment, Communications, Navigation, Safety Management, Maritime Security, Watch-keeping Certification, Marine Pollution)
- Boarding Procedures for Safety, Security, & Environmental Inspections.
- Boarding Team Safety
- IMO Detention & Appeals Process
- Cargo Classification & Safety
- Documentation & Reporting Guidelines

Materials: The partner nation will need to provide the following:

- -A large, well lighted classroom with large tables
- -Audio/Visual equipment to include white board (dry erase) and VCR (NTSC)
- -Administrative support (printing class rosters and student certificates)

MTT POST DEPL STNDDN--USMC - MASL : P309061

Seminars are customized for each MET based on prior Assessments, Curriculum Planning, and communication between DIILS and the SAO. 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.

MTT SEAPORT SEC ANTI-TERR - MASL : P319151

MILITARY TRAINING TEAM SEAPORT SECURITY/ANTI-TERRORISM

This course is designed to provide the students an understanding of the basic principles of protecting a maritime port complex. A basic explanation of threats and weapons of mass destruction will provide the basis for the students to develop a port defense plan through the use of operational risk management and the development of a training and exercise plan. Case studies of preparations for the waterside security of the Atlanta and Greek Olympics will be studied. The students will be required to visit a local port and provide their recommendations, through the development of a port defense plan, then briefing the other students and instructors on their plan.

Class Size:

Maximum: 24 students

Minimum: 12 students

Topics covered during the course:

-Maritime Threat Overview (USS Cole, Yemen, Morocco and Tamil Tigers)

- Video/Case Study of Al Qaeda's Navy
- Weapons of Mass Destruction Overview
- Hidden Compartments and Parasites
- Harbor Control and Port Security Operations
- Facility Security
- Introduction to Vessel Duties (Tactics, High Value Asset Protection, Pier Sweeps)
- Port Defense
- ISPS (International Ship and Port Security Codes)

- Operational Risk Management
- Developing an Exercise Plan
- Case Studies of Olympic Waterside Preparations (Atlanta 96, Greece 04)
- Port Operations Plan written by the students after conducting port visit
- Port Visit with student plans

Materials: The partner nation will need to provide the following:

- A large, well lighted classroom with large tables
- Audio/Visual equipment to include white board (dry erase) and VCR (NTSC)
- Administrative support (printing class rosters and student certificates)
- Access to a port facility within 1 hour driving distance from the location of the classroom.

Prerequisites: This course is designed for senior level leaders who will be developing port operations plans. Introduction to vessel duties is built upon the CG-28 course tactics.

MTT SMALL BOAT OPS O/S - MASL : P319105

Familiarizes students with procedures to be followed for the safe and effective operation of small boats (less than 50-foot/15 meter length). Course contents will be tailored to meet requesting country's needs and desires. Possible course topics include coxswain skills, navigation, deck seamanship, marlinespike seamanship, navigation rules, towing, fire-fighting, riverine operations, and engineering casualty control.

Class Size: Maximum: 24 students and four boats; Minimum: 12 students and two boats

Materials: Host nation will need to provide the following:

- No less than one boat for every six students
- Classroom of sufficient size for the class
- 20 meters of three strands, manila line of no less than 25 mm in diameter
- 20 meters of double braid synthetic line of no less than 25 mm in diameter
- Pier facility and training location of sufficient size so all boats can conduct drills at the same time
- Training area of sufficient size to practice navigation

Notes: Students should be in coxswain or coxswain instructor billets.

MTT TRNG ASSESSMENT - MASL : P309502

MTT TRAINING ASSESSMENT-OTHER

MTT WATERSIDE PORT SECUR - MASL : P319150

Coast Guard - Waterside Port Security Course (CG-28)

This course is designed to provide the students (three 4-6 member small boat crews) an understanding of the basic principles of protecting a high-risk asset (vessel or land facility) from threats coming from the sea in a port complex. Course includes an overview of Weapons of Mass Destruction and smuggling trends. After the training, students will demonstrate proficiency in boat tactics designed to protect a high-risk asset by conducting live exercises. These exercises will test the student s ability and knowledge by requiring them to prevent an attack on their asset from an "enemy" small boat. Students will be required to demonstrate proficiency of single small boat tactics, dual small boat tactics, including nighttime operations.

MTT-BN & BGD STAFF OPNS - MASL : B302027

The students will learn to function as various members of battle staff at battalion and brigade level. The course focal point is the decision making process. Staffs conduct intelligence preparation of the battlefield (IPB); prepare personnel, logistics, and civil-military operations estimates; develop courses of action; write orders and annexes; and coordinate the execution of command decisions. The students will learn to function as various members of battle staff at battalion and brigade level. The course focal point is the decision making process. Staffs conduct intelligence preparation of the battlefield (IPB); prepare personnel, logistics, and civil-military operations estimates; develop courses of action; write orders and annexes; and coordinate the execution of command decisions.

MTT-HUMAN RIGHTS INSTR - MASL : B309001

In-depth discussions of relevant topics followed by practical exercises, topics to be explored include a human rights core block of instruction, to include ethics; the doctrine of just war; the historical development of human rights; case law; pertinent documents and principles; the relationship between human rights and the law of armed conflict, and a case study on the My Lai massacre; performance-oriented instruction; learning analysis; test construction, and presentation techniques; seminar on current issues on human rights and practical exercises within a crisis operation center environment (all exercises are critiqued and terminated with thorough after action reviews).In-depth discussions of relevant topics followed by practical exercises, topics to be explored include a human rights core block of instruction, to include ethics; the doctrine of just war; the historical development of human rights; case law; pertinent documents and principles; the relationship between human rights and the law of armed conflict, and a case study on the Mi Lai massacre; performance-oriented instruction; learning analysis; test construction, and presentation techniques; seminar on current issues on human rights and practical exercises within a crisis operation center environment (all exercises are critiqued and terminated with thorough after action reviews).

MULTI-CRITERIA DECISION MK - MASL : P162012

MULTI-CRITERIA DECISION MAKING: A PRACTICAL GUIDE

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 (i) formulating the problem (ii) understanding the analytical process involved in evaluating potential solution alternatives; and (iii) interpreting the results of the analysis in support of choosing a solution. Practical examples from defense resource allocation problems will be provided. Each participant will be required to apply the approach to a decision problem of current interest to their own MoD. This exercise will serve as a foundation for further work on this problem once they return to their own organization.

NOTE: Students should report two days prior to class convene.

RANK REQUIREMENT: O-4 and above or equivalent civilian grade.

ECL REQUIREMENT: 80

MULTINATIONAL PROGRAM MGT - MASL : B154017

This course prepares students to be effective in an international defense acquisition program. The Multinational Program Management course emphasizes the U.S. policy of encouraging armaments cooperation and enhancing interoperability with our allies. Key national, DoD, and Service policies on international cooperative development, production, and support are explored.

Objectives: Students who successfully complete this course will be able to:

- Comprehend the requirements necessary to participate effectively in an acquisition program that involves participation by foreign governments and their industries;
- Understand key national, DoD, and Service policies on international cooperative development, production, and logistics;
- Recognize the various international defense programs related to acquisition (data exchanges, Nunn Amendment Programs, foreign comparative testing, coalition warfare programs, bilateral and multilateral projects and programs, and security assistance-Foreign Military Sales (FMS)); and
- Prepare, formulate, and support an FMS, Direct Commercial Sales (DCS), cooperative or hybrid international program.

MULTIPLE LAUNCH ROCKET SYSTEMS REPAIRER - MASL : B194085

Inspection, testing, and adjustment of components to specific tolerances; determination of serviceability, disposition, and malfunctions in electronic, electro-mechanical, and hydraulic systems. Removal and replacement of line-replaceable units; adjustment, alignment and calibration of mechanical components. Quality control measures; preparation of mechanical components. Quality control

measures, preparation of maintenance and supply forms and reports.

MUNITIONS + WEAPONS - MASL : D142029

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training

pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student's country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

MUNITIONS INSPECTOR - MASL : D142068

Designed for munitions personnel upon first assignment as a munitions inspector; includes product assurance, product quality deficiency reporting system, material deficiency reporting system, technical order improvement program, types of corrosion and corrosion control, storage and transportation, packaging requirements, research of munitions data, preparation of inspection forms, munitions inspector requirements, and serviceability requirements and CAS procedures as applicable. Also covers application of condition codes, identification of restricted or suspended munitions, munitions color coding, inspection of reusable containers and scrap materials, and perform and document munitions inspections.

MUNITIONS MAINT. OFFICER - MASL : D142079

This course provides training for Air Force Officers (new accessions), Air Force Reserve (AFRES) Officers, and International Officers assigned to the 21MX Air Force Specialty (AFS). The course provides these officers with the basic skills and knowledge needed to perform the fundamental duties of a Munitions or Missile Maintenance Officer. Subject matter includes, but is not limited to, Maintenance Management Processes/Programs, Personnel, Air Force Organizations, Air Force Publications, Maintenance and Munitions Support, Maintenance Principles and Logistics, Safety, Accountability, Wartime Planning and Contingency Operations. This is a pre-requisite course for all newly accessed 21MX officers. 21MX officers without prior maintenance experience must attend this fundamentals course in order to be awarded their AFSC. 21M munitions maintenance officers must attend follow-on course J3OBR21M1 0M1A, Conventional Munitions Officer course at Sheppard AFB, TX. 21M missile maintenance officers must attend follow-on course V3OBR21M1 088A, Missile Maintenance Officer course at Vandenberg AFB, CA.

MUNITIONS/ARMAMENT SYS SPE - MASL : D142006

This course provides training for international students in the knowledge and skills needed to perform the duties of munitions personnel. The scope of training includes munitions security, munitions safety, munitions storage areas, munitions storage procedures, munitions serviceability procedures, introduction to and preparation for use of USAF munitions, munitions procedures, equipment/vehicle operations, and munitions accountability

NALC OMA QA ADMIN - MASL : P141230

NALCOMIS (OPTIMIZED) OMA QUALITY ASSURANCE ADMINISTRATION COURSE

Purpose: 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, and 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).

NAMP INDOC - MASL : P141970

NAMP INDOC

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 including: Aviation maintenance management (aviation maintenance process, operational readiness organization and support maintenance control); Administration (personal correspondence, manpower management and maintenance training program); Material Management; Navy Supply System; Support Asset Maintenance Data System (NALCOMIS,OMA Operation); Forms and Reports; General Safety (flight deck NAVOSH); Hazardous Materials; Deployment/detachment operating; Aircraft weight and balance certification; and Mock maintenance laboratory.

Prerequisites Info: 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.

Note: There is a maximum of five International Military students per class.

NAT SEC MGT CORRESP CRS - MASL : B17902C

Closely parallels scope of resident course. Curriculum consists of eleven correspondence courses, two two-week resident phases, and an optional writing program. Like the resident course, it focuses on the study of the role of land-power, as part of a unified, joint or combined force, in support of the U.S. national military strategy. Prepares selected military officers and civilians for leadership responsibilities in a strategic security environment during wartime and peacetime. Curriculum focuses on national security and strategy issues, concepts and processes; military strategy, plans and operations; theater level warfare and campaign planning and command, leadership and management.

NATO EWO/STF OFF (SATP) - MASL : D136028

Training includes fundamentals of electronic warfare, basic air defense systems operations, electronic warfare operations, basic electronic warfare operations, and basic electronic warfare management. Students will be required to present a 30 minute briefing covering the current political, social, economic and military status of their country.

NATO SEASPARROW 7-M MAINT - MASL : P199100

To train Fire Controlmen (FCs) who have satisfactorily completed FC (A) school to operate and maintain the NATO Sea-sparrow Surface Missile System (NSSMS) MK-57 MOD-2/3 under all conditions of readiness with little or no supervision.

NATO STAFF OFF ORIEN CRS-C - MASL : B171799

The NATO Staff Officer Orientation Course is a policy-level post-graduate immersion program. The objective of the NATO Staff Officer Orientation course s two-week program is to enable the staff officer to be immediately effective in the NATO staff environment through understanding of NATO policy-level processes and selected high-level issues. The student becomes conversant with NATO terminology; NATO organization and functions; and the political, economic, and intercultural aspects of the alliance. The program was designed for U.S. field grade officers en route to NATO assignments, and has a limited opportunity for attendance by selected international students. International officers and civilians from NATO and partnership for peace nations whose work is NATO related are invited to request attendance from the International Student Management Office (ISMO) at National Defense University.

The course has a two-phased approach. The first phase provides intensive instruction in: the Washington Treaty; NATO Headquarters Organization; the NATO Integrated Military Command Structure; the Alliances Strategic Concept; the NATO Staff Environment. The second phase provides a unique opportunity for intense discussion with senior U.S., Allied, and Partnership for Peace guest speakers, including Military Attachés, representatives from the Joint Staff, the Department of State, Department of Defense, Capitol Hill, and with Senior Flag and General Officers and diplomats with current or recent NATO experience.

NAV AV WATER SURV N9 - MASL : P117426

To provide initial and refresher adjunctive training for aircrew men and passengers who would benefit from underwater egress training due to frequent overwater flights or pre-deployment work-ups.

Scope: Students shall be instructed on the use of life preservers and equipment, life rafts and contents, rescue devices and procedures for underwater escape from multi-place aircraft.

NAV INTEL FORNOFF PAC-INTL - MASL : P172003

INTERNATIONAL MARITIME INTELLIGENCE COURSE (IMIC)

Purpose: 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.

SPECIAL NOTE: THIS COURSE IS BY INVITATION-ONLY. ADDITIONAL REQUESTS WILL BE CONSIDERED ON AN "EXCEPTION BASIS."

NAVAL AVIA WATER SURV N6 - MASL : P117403

Provides standardized instruction to all aircrew and flight surgeons flying in ejection seat equipped aircraft in procedures and techniques essential to overcome the hazards of a water survival situation. Students receive instruction in parachute descent training(9F5/9F7 device) aviation life support equipment, underwater breathing techniques (9H19 device), underwater egress. Open water parachute descent training, and helicopter rescue training.

NAVAL COMMAND COLLEGE - MASL : P171001

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 officer's academic studies are on an integrated basis with their U.S. counterparts attending the Naval War College. The conduct of courses is 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 a maximum of 50 Naval officers in the grades O-5 and O-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.

NAVAL GUNFIRE LIAISON OFF - MASL : P124265

NAVAL GUNFIRE LIAISON OFFICER

To train U.S. and Allied officers and staff noncommissioned officers for duty as Naval Gunfire Liaison Personnel with units of Marine Corps Divisions, Air Naval Gunfire Liaison Companies, and other designated units. This course consists of lectures, demonstrations, practical application, field exercises, spotting either naval gunfire at San Clemente Island or field artillery at Camp Pendleton, CA, or naval gunfire planning for a landing force in an amphibious operation. Instructional methodology is based on individual training concepts. All trainees must demonstrate proficiency in physical fitness, map reading, land navigation, naval gunfire spotting, naval gunfire planning, and communications capabilities both in written and practical application. Completion of this course indicates that the trainee has met the minimum qualifications to perform as a Naval Gunfire Liaison Officer or Naval Gunfire Planner.

NAVAL SEC FORCE OFFR(NSFO) - MASL : P173802

NAVAL SECURITY FORCE OFFICER (ASHORE/AFLOAT NSFO)

This course will provide the designated Installation Security Officer/Law Enforcement Officer and Ships Security Officer for afloat and ashore units with the necessary knowledge and skills to manage Naval Security Force (NSF) assets, determine AT/FP readiness status, implement, organize and oversee all NSF/AT/FP and Law Enforcement policy changes. Provide unit level initial and sustainment training for assigned NSF/AT/FP personnel and functions as the NSF Officer in Charge. The Security Officer is the AT/FP Tactics, Techniques, and Procedures (NTTP) and Law Enforcement Subject Matter Expert (SME). The Security Officer will be able to organize, train and equip the NSF to conduct AT/FP/Law Enforcement operations. The Security Officer assists the Antiterrorism Officer (ATO) in developing and executing the AT/FP plans. Scope: Topics addressed in this course include knowledge of the DoD and DoN Antiterrorism/Force Protection, Law Enforcement, and Physical Security programs, knowledge of requirements for armed sentries/response forces as well as tactics, techniques , and procedures for AT/FP, Law Enforcement and Harbor Defense/Security Boat operations; knowledge and skills involved in supervision of: weapons handling/firearms safety; watch turnover (including guard mount/clearing barrel procedures); the implementation of the unit AT/FP plan; AT/FP Law Enforcement training programs; readiness and vulnerability assessments. Student teams will develop and brief AT/FP planning, document exercises, draft messages (including Spot Reps and Blue Darts). The course also includes knowledge of instructional delivery/briefing techniques, and practice teaching. Students shall be qualified as unit OIC for NSF.

NOTE: This course is a 3 week course, but because the International Military Students are excluded from the ATO portion of this training, it will be a 2 week course for the IMS.

NAVAL STAFF COL - 10 MONTH - MASL : P171010

Naval Staff College-10 (P171010).

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 a maximum of 20 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.

NAVAL STAFF COLLEGE - MASL : P171002

Naval Staff College (P171002).

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 a maximum of 48 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.

NAVY BOOKS/PUBS/OTHER CNET - MASL : PBKPUB1

NAVY BOOKS/PUBS/OTHER CNET

NAVY LEADER DEV PROG INST - MASL : P162275

To train officer and enlisted personnel in the skills and knowledge areas required to be a beginning Navy Leadership Instructor. It is designed to provide trainees with experiential situations, based on observable and measurable skills and knowledge, needed for instructing billet specific classes. In order to conduct Navy Leadership courses effectively, the leadership instructor student is required to possess certain skills and knowledge. The student is required to apply these skills and knowledge to classroom situations. Leadership instructor course students are provided the following training areas: knowledge of leadership course assessment procedures - instructor interpersonal skills - taking appropriate action - skills in achieving learning objectives - lesson preparation skills - effective planning (classroom, materials, time, etc.) - taking initiative (acquiring necessary resources, etc.). Check-in begins at 0700 on a start Monday (Tuesday, if Monday is a holiday).

NCO PROFESSIONAL DEVELOPMENT - MASL : B179116

Weapons; training management; battle staff planning, and squad and platoon tactics; fire support; leadership; communications; land navigation; human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society. Conducted in English.

NCO PROFESSIONAL DEVLOPMNT - MASL : D171033

This course is modeled after the USAF Noncommissioned Officers Academy (NCOA) which prepares NCOs for more advanced leadership and management responsibilities. It is specifically designed for those assuming senior NCO leadership positions (E-5 through E-9). The course of study focuses on developing the student's knowledge of military principles and the relationships between national interests and their roles as military members. Instruction is also directed at improving their skills as leaders and managers. Students learn time and stress management, concepts of human behavior, as well as implementing quality in the workplace. The class is designed to take students to a comprehension level of learning with some exposure to application.

COURSE DESCRIPTION:

- BLOCK I - TEAMWORK: In the general areas, students explore subjects such as time and stress management, physical fitness and wellness. The first stage of this course begins with Communication Theory to include impromptu oral presentations. In addition, Total Quality Management Principles are discussed and related to military environment. This area encompasses group dynamics, team leader skills, and quality tools and techniques. Lectures,

seminars, and group interaction are methods employed to explore subjects listed not only in this block, but also in others.

- BLOCK II - LEADERSHIP AND PROFESSION OF ARMS: Students are exposed to new concepts of leadership/followership theories and their practical application in a quality culture. Leadership and decision-making scenarios will challenge the students and maximize the intensity of learning. A practical exercise will test the student's ability to apply leadership principles in a simulated contingency situation. Areas covered in this block include Code of Conduct, written exercises, team leader skills, problem solving, causes of human behavior, and modification of human behavior. In addition further areas of communication are explored as students present a 5 to 10 minute country specific briefing on the history of Latin America.
- BLOCK III - NCO VALUES AND MANAGEMENT TOOLS: The last block of the course focuses on personnel evaluations, customs and courtesies, air force missions, national security, and the NCO in a leadership role. The objective of this area is focused on practical applications of counseling skills, and team dynamics through exercises and the leadership reaction course.

NEED NEW PRICE - RDS - MASL : D171007

This professional military education course prepares noncommissioned officers to be professional, war-fighting Airmen who can lead and manage Air Force units in the employment of air and space power. The principal method of instruction is guided discussion and case studies. Formative exercises are integral to NCOA curriculum and serve as feedback tools for the student and instructor. Summative objective and performance evaluations determine whether established educational requirements outlined in the course are met. Students must satisfactorily accomplish all lesson objectives, including those pertaining to Fit-to-Fight, drill and ceremonies using the criteria outlined in the course curriculum.

NON-DEG (1 QTR - 1 CRS) - MASL : P179268

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.

NON-DEG (1 QTR - 2 CRS) - MASL : P179267

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.

NON-DEG (1QTR - 3 CRS) - MASL : P179266

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.

NONDESTRUCTIVE INSP SPECL - MASL : D148047

Principles and applications of non-destructive inspection methods; government specifications and Air Force publication related to non-destructive inspection. Basic metallurgy relating to types, causes, and characteristics of discontinuities in metals; identification of metals; preparation of materials for non-destructive inspection. Theory of basic electricity, magnetism, liquid penetrate, optical, conductivity, ultrasonic, eddy current, bond testing, composite components, and radiographic and spectrometric oil analysis inspection equipment. Development of techniques, interpretation and evaluation of magnetic, penetrate, optical, conductivity, ultrasonic, eddy current, bond testing, composite component inspection, radiographic inspections, and spectrometric oil analysis. All safety requirements included with the above items.

NON-LETH INDV WPNS INSTR - MASL : P166810

To certify the student as a Non-Lethal Individual Weapons Instructor. To train the student in the mind set and tasks necessary to perform duties as Non-lethal Individual Weapons Instructor. Course includes instruction on the use of force continuum and Rules of Engagement, the dispersal methods of a crowd, use of non-lethal capabilities in unit operations, riot control formations, dynamics of crowd behavior, employment considerations in Military Operations Other Than War, communication skills, empty hand defensive skills, use of the straight baton, use and employment of Oleoresin Capsicum, and use and employment of non-lethal munitions.

Prerequisite Info: Cpl (E-4 and above), graduate of Instructor Training Course and Instructor Development Course. Students must be able to pass USMC Physical Fitness Test.

Equipment needed: Two sets of camouflage utilities, helmet, flak jacket, load bearing vest, cartridge belt, 2 canteens with covers, cold weather gear and gloves, Physical Training (PT) gear.

NSW RHIB CATERPILLAR ENGINE TRAINING (KU) - MASL : P145197

Provides hands-on training for Kuwait Naval personnel on the Caterpillar main propulsion diesel engine, composite hull repair and electrical system trouble shooting/repair at the manufacturer's facility.

NSW RHIB MAINTENANCE TRAINING (KU) - MASL : P145196

Provide hands-on training for Kuwait Naval personnel with operation, familiarization and maintenance training sessions on the Naval Special Warfare Rigid Hull Inflatable Boat at the manufacturer's construction facility. Maintenance training will include routine preventative maintenance on the RHIBs.

NURSING SERVICE MGT - MASL : D175078

Familiarizes selected Nurse Corps officers with nursing management tools and practices relevant to middle management positions. Instructions are provided in leadership and management strategies, organizational structure, continuous quality improvement, and staff development. Students develop or refine management tools such as nursing practice standards, operational plans, and unit operating directives. Total force policy, Air Force instructions, HSI guidelines, and JCAHO standards are integrated throughout the course. NOTE: This course "DOES NOT" award graduate level credit. This course number will supersede J3OZR46A3 006, effective 2 Oct 06.

NWC INTERNATIONAL FELLOWS - MASL : B171801

The National Defense University offers one-year fellowships to select senior officers and civilians from 52 nations. Participation in the National Defense University s International Fellow s Program is at the personal invitation of the Chairman, Joint Chiefs of Staff. Country invitations are issued after recommendations have been obtained from the US Regional Unified Commands. The fellowships provide an opportunity to study and conduct research in either the Industrial College of the Armed Forces or the National War College. The Fellows along with the U.S. counterparts analyze the American political, social and economic infrastructure; along with the American decision making process. The program provides insight into factors and considerations that shape U.S. policy and strategy, the proper role of the military in a civilian-led democracy, and internationally recognized human rights. Qualified Fellows may be awarded a Master s Degree at graduation. An undergraduate degree and TOEFL score of 207 is required for Fellows to receive the Master s Degree. International Fellows should report with copies of university transcripts to determine academic standing.

The International Fellows program also includes extensive Field Study travel throughout the United States designed to acquaint the Fellows with U.S. military, cultural, and industrial institutions. Fellows travel once a month and visit approximately 20 states during the year. Participation in the Field Study Program is optional, but highly encouraged and considered to be of equal importance to the Academic Program. It allows the Fellows to put their academic experience in to the larger context of American society as a whole. Family members are invited to participate in select Field Studies throughout the year.

OAC INTL STUDENT CHEM PREP - MASL : B174016

This is Prep course for Chemical Captains Career Course.

Familiarizes students with the U.S. Army, Engineer Corps history, military terminology and acronyms, equipment and organization. This prepares them to enter into the engineer officer training program. This is Prep course for Chemical Captains Career Course.

OAC INTL STUDENT ENGR PREP - MASL : B174014

Familiarizes students with the U.S. Army, Engineer Corps history, military terminology and acronyms, equipment and organization. This prepares them to enter into the engineer officer training program.

OAC INTL STUDENT MP PREP - MASL : B174018

Familiarizes students with the U.S. Army, MP Corps history, military terminology and acronyms, equipment and organization. This prepares them to enter into the MP Officer training program.

OBC INTERNATIONAL ENGR PRE - MASL : B174013

Familiarizes students with the U.S. Army, Engineer Corps history, military terminology and acronyms, equipment and organization. This prepares them to enter into the engineer officer training program.

Special Information:

SPECIAL INFORMATION: This course will be discontinued upon mobilization.

OBC INTL STUDENT CHEM PREP - MASL : B174015

This is Prep course for Chemical Basic Oficer Leader Courses Phase III.

Familiarizes students with the U.S. Army, Engineer Corps history, military terminology and acronyms, equipment and organization. This prepares them to enter into the engineer officer training program. This is Prep course for Chemical Basic Officer Leader Courses Phase III.

OBC INTL STUDENT MP PREP - MASL : B174017

This is Prep course for Chemical Basic Officer Leader Courses Phase III.

Familiarizes students with the U.S. Army, Engineer Corps history, military terminology and acronyms, equipment and organization. This prepares them to enter into the engineer officer training program. This is Prep course for Chemical Basic Officer Leader Courses Phase III.

OBS DRMI MONTEREY - MASL : P189009

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.

RANK REQUIREMENT: O-4 and above or equivalent civilian grade.

ECL REQUIREMENT: 80

Maximum duration for this course is one week.

OBS MARINE CORPS - MASL : P1790BS

OBS MARINE CORPS

OBS MED/HEALTH/HYG-CONUS - MASL : B175292

Provides training for enlisted and officers where no other course exits. This training is tailored to the student s personal specialties, desires, specific country needs. Duration is normally one week but can be extended.

OBS MED/HEALTH/HYG-CONUS - MASL : B175285

This MASL programs observer medical training at the Office of the Surgeon General, Alexandria, VA.

OBS MED/HEALTH/HYG-CONUS - MASL : B175287

This MASL programs medical observer training at the William Beaumont Medical Center, El Paso, TX.

OBS MED/HEALTH/HYG-CONUS - MASL : B175290

This MASL programs observer medical training at Madigan Army Medical Center, Tacoma, Washington.

OBS NURSE OFFICER - MASL : P175120

OBS MEDICAL DEPARTMENT OFFICER

Physician and Nurse observation training in most specialties except Emergency Medicine.

OBS OPERATIONS TNG-CONUS - MASL : B129902

This MASL is used when Observer Operations Training CONUS (within United States) is programmed.

OBS/PROF/SP ELT - MASL : D177002

Student is placed beside U.S. personnel and learns by observation only. Observation experience is captured in the course title and reflected on the applicable training track line (WCN/suffix)

OBSERVER (ECL70) - MASL : D183006

Student is placed beside U.S. personnel and learns by observation only. Observation experience is captured in the course title and reflected on the applicable training track line (WCN/suffix)

OBSERVER/MAFFS/C-130 - MASL : D183005

Student is placed beside U.S. personnel and learns by observation only. Observation experience is captured in the course title and reflected on the applicable training track line (WCN/suffix)

OFFICER CANDIDATE SCHOOL - MASL : B179052

Combined Arms Tactics (Tactical Doctrine, Artillery Operations, Engineer Operations, NBC Operations, Air Force and Marine Corps Operations, Field Training Exercises, and Tactical Leadership Course); Staff Subjects (Personnel, Intelligence, Operations, Logistics, and Training Management); General subjects (Military Leadership, Effective Writing, Legal subjects, Medical Subjects, Physical Training, Drill and Command, Military History, and Special Presentations); Communications/Electronics; Weapons, Land Navigation.

OFFICER CANDIDATE SCH-USCG - MASL : P164007

Officer Candidate School (OCS) is designed to train civilians and enlisted personnel in basic military principles, discipline, and fundamental professional skills in order to become commissioned as an officer. This intense military and academic training is designed to provide enough basic knowledge to allow the graduate to perform as an effective officer. The course is rigorous and challenging. The cadet s desire to participate must be strong enough to adjust to the demanding regulations, heavy academic schedule, and physically strenuous routine. The 17-hour daily routine includes calisthenics, inspection, morning classes (4 hours), afternoon classes (4 hours), compulsory study period (2 hours), and meals. The leadership and management curriculum includes evaluation of self and subordinates, group dynamics, interpersonal communications, leadership styles, power and authority, and interviewing and counseling. Also included in leadership and management is a subsection on physical fitness, health, and well-being. Cadets will participate in a physical fitness program designed to improve their overall fitness level. A fitness test is given three times during OCS and includes the following events: a 1.5-mile run, a 12-minute swim, push-ups, sit-ups, and flexibility. Cadets are required to complete survival swim training. The academic curriculum provides training in junior officer skills including administration, nautical science, and USCG missions. As part of the training, cadets will conduct extensive research in a variety of USCG publications; study USCG history and present day missions; and participate in first aid training. Through hands-on training, cadets learn nautical science concepts including maneuvering board and relative motion, piloting, celestial navigation, nautical nomenclature, shipboard communications, ship handling, international rules of the road, damage control, and deck watch officer procedures.

OFFICER INDOCTRINATION SCH - MASL : P164008

This course, which parallels the OCS program, is offered for junior commissioned officers. Officer Indoctrination School (OIS) shares the classroom professional curriculum with OCS, but does not have intense military indoctrination. It is important to know that OIS students will take daily classes with OCS students. OIS is divided into three segments: leadership and management, academics and nautical science, which includes shipboard navigation and a 2-week cruise [See Officer Candidate School (P164007) for subjects.] OIS students attend the swimming portion of physical fitness training and are required to pass the survival swim. They are strongly encouraged to attend all phases of physical training including morning calisthenics. The officers must bring daily work uniforms and service dress uniforms for their respective service. Some winter clothing items are provided. International students should be in the O-1 to O-3 range. This is an ideal course for officers transferring from Army or Marine forces into a maritime service.

Prerequisites: Students must be commissioned officers prior to arrival.

Note: See Page III-90 of USCG International Training Handbook for physical training standards.

NOTE: ONLY OFFICERS ALREADY COMMISSIONED WILL BE ACCEPTED TO OFFICER INDOC. STUDENTS MUST BRING DAILY WORK UNIFORMS AND SERVICE DRESS UNIFORMS OF THEIR RESPECTIVE SERVICE.

OH-58 MOUNTAIN QUAL - MASL : B113206

The course consists of flight training during which the student will perform normal and terrain flight navigation, takeoffs and approaches to pinnacles, ridgelines, and confined areas, in terrain varying from rolling hills to steep jagged cliffs with altitudes ranging from 6,500 feet PA to over 14,000 feet PA. Emphasis on risk management, environment mastery, crew coordination, safety awareness, power management, and performance planning.

OH-58C NOE QUAL - ALL - MASL : B113180

This course is designed to qualify selected foreign military students in NOE flight, and is a prerequisite for NVG training. Training includes physical and mental skills and knowledge objectives for basic rotary-wing flight maneuvers, emergency procedures, flight planning, combat skills flight tasks, and safety factors appropriate to an NOE environment.

Special Information:

SPECIAL INFORMATION: Specifically designed for non-DOD and non-US students (IAW DOD agreement).

OH-58C NVG QUAL (FMT) - EN - MASL : B113171

This course is designed to provide the pilot with the necessary skills and knowledge leading to qualification as an OH-58C NVG pilot. Training includes flight task training, academic and practical application of NVG tactical operations. This course is designed to provide the pilot with the necessary skills and knowledge leading to qualification as an OH-58C NVG pilot. Training includes flight task training, academic and practical application of NVG tactical operations.

OH-58C NVG QUAL- ALL - MASL : B113170

This course is designed to provide the pilot with the necessary skills and knowledge leading to qualification as an OH-58C NVG pilot. Training includes flight task training, academic and practical application of NVG tactical operations. This course is designed to provide the pilot with the necessary skills and knowledge leading to qualification as an OH-58C NVG pilot. Training includes flight task training, academic and practical application of NVG tactical operations.

OH-58D (R) WARRIOR IP - MASL : B113134

Course is designed to provide the aviator with the necessary skills and knowledge required to achieve instructor pilot qualification in the OH-58D(R) Warrior helicopter. Training includes mental and physical skills required for the accomplishment of instructor pilot duties through instruction in aircraft systems; communication; navigation; mast-mounted sight; improved data modem; flight training; mission planning; combat skills; armament systems; and safety. Course is designed to provide the aviator with the necessary skills and knowledge required to achieve instructor pilot qualification in the OH-58D(R) Warrior helicopter. Training includes mental and physical skills required for the accomplishment of instructor pilot duties through instruction in aircraft systems; communication; navigation; mast-mounted sight; improved data modem; flight training; mission planning; combat skills; armament systems; and safety.|

OH-6 HELICOPTER REPAIR - MASL : B141761

This course of instruction will provide the student with the skills and knowledge required to supervise, troubleshoot and inspect maintenance performed on the AH-64D LONGBOW Attack helicopter armament/electrical/avionics systems and components. Also will provide knowledge to evaluate operational readiness, recommend proper corrosion control methods, ensure compliance with directives, technical manuals (TM), modification work orders (MWO) and other policies and procedures to enable the student to successfully perform the supervisory and technical inspector (TI) duties required of MOS 68Y/15Y30, AH-64D Armament/Electrical/Avionics Systems Repairer Supervisor.

OJT AFLOAT CONUS-LANT - MASL : P1210JT

To provide shipboard experience in the Atlantic. Training helps develop skills in ship handling/ship piloting, seamanship navigation, naval communication and weaponry, bridge/CIC watch standing, use of shipboard communications, operation of gunner/missile systems. OJT provides knowledge of independent and fleet operations and ship and squadron organization.

OJT AFLOAT CONUS-LANT - MASL : P121099

OJT FOR LANTFLT SHIPS.

OJT ASHORE - LANTFLT - MASL : P129963

OJT ASHORE TRAINING UNDER PCL

OJT AV8B O/I LEVEL MAINT - MASL : P14JT01

Provides managed on the job training at the organizational and/or intermediate level for AV-8B maintenance personnel.

OJT AVIA MAINT - NETC - MASL : P141JT1

On-the-job training in aviation maintenance.

OJT AVIATION CONUS - PAC - MASL : P119009

OJT AVIATION CONUS - PAC

OJT AVIATION OPERATIONS - MASL : P119026

To provide prospective pilots and Naval Flight Officers with the necessary prerequisites prior to entry into Aviation Indoctrination. This includes but is not limited to Flight Physicals, Swim and Physical fitness screening, English Language testing and administration paperwork.

OJT AVIATION OPS - CONUS - MASL : P1190JT

Tailored on the job aviation training at CONUS sites.

OJT CONUS-USMC - MASL : P1798JT

OJT CONUS-USMC

OJT ENL TECH SOUTHEAST - MASL : P179TE7

This training provides students with the opportunity to perform U.S. Coast Guard operations related to various technical specialties, including aids to navigation.

Prerequisite: Completion of a USCG aids to navigation course.

OJT FAMILIARIZATION OFFR - MASL : P179FMO

OJT FAMILIARIZATION OFFICER

These programs are conducted at operational units and enable participants to observe and, when possible, participate in Coast Guard standard operations. OJT is intended to supplement classroom training and to provide hands-on experience and practical application of skills acquired. The actual training conducted is dependent upon the operational commitments and operational tempo of the providing unit. The training will not qualify a student in a particular rating, but it does offer exposure to daily work situations and familiarization with Coast Guard capabilities.

Prerequisites: Completion of a USCG course. Note: Providing information on the student s specific area of interest and the student s next assignment will aid in the selection of the most appropriate unit for the desired training. OJT objectives must be submitted using the format contained in the USCG Coast Guard International Training Handbook (see Page V-17).

OJT usually follows a resident course. Therefore, the IMSO from the resident training command will coordinate the arrival at the OJT site with the district IMSO.

OJT HEALTH SVC APPRENTICE - MASL : P179299

An apprenticeship program can be arranged following Completion of the Health Services Technician A course. The student would be attached to the Training Center, Petaluma, CA Health Care Clinic during this program to gain practical experience under the supervision of the course instructors.

OJT INTERM MAINT - SIMA - MASL : P145473

Provide Intermediate Maintenance On-The-Job-Training (OJT) to international officers and enlisted in the Operations, Maintenance, and Daily Procedures of a Ship Intermediate Maintenance Activity.

OJT MAR SAFETY ENLISTED - MASL : P179MSE

OJT MARINE SAFETY ENLISTED

This hands-on, in-the-field training provides exposure to commercial vessel inspection activities, port state control inspections on non-U.S. flag ships, pollution investigation and response, and shore-side facility compliance inspections. Typically, some time is spent with other USCG field offices which provide limited exposure to small boat operations, search and rescue, and fisheries enforcement.

OJT MAR SAFETY OFFICER - MASL : P179MSO

OJT MARINE SAFETY OFFICER

This hands-on, in-the-field training provides exposure to commercial vessel inspection activities, port state control inspections on non-U.S. flag ships, pollution investigation and response, and shore-side facility compliance inspections. Typically, some time is spent with other USCG field offices which provide limited exposure to small boat operations, search and rescue, and fisheries enforcement. Officers may be assigned to enlisted USCG personnel for daily activities, but will normally be sponsored by commissioned officers or commissioned warrant officers.

OJT MEDICAL CONUS-MEDCOM - MASL : P1750JT

On-the-job training for Doctors in operational medicine with the emphasis on preventive medicine and occupational health programs.

OJT MLE ENLISTED - MASL : P179LEE

OJT MARITIME LAW ENFORCEMENT (MLE) ENLISTED

This program is conducted at operational units and enables participants to observe Coast Guard standard maritime law enforcement operations at the shipboard level, including counter-narcotics or fisheries law enforcement. OJT is intended to

supplement classroom training and to provide practical application of skills acquired. The actual training conducted is dependent upon the operational commitments and operational tempo of the providing unit. The training will not qualify a student in a particular rating, but is does offer exposure to daily work situations and familiarization with Coast Guard capabilities. Providing information on the student s specific area of interest and next assignment will aid in the selection of the most appropriate unit for the desired training.

OJT MLE OFFICER - MASL : P179LEO

OJT MARITIME LAW ENFORCEMENT (MLE) OFFICER

This program is conducted at operational units and enables participants to observe Coast Guard standard maritime law enforcement operations at the shipboard level, including counter-narcotics or fisheries law enforcement. OJT is intended to supplement classroom training and to provide practical application of skills acquired. The actual training conducted is dependent upon the operational commitments and operational tempo of the providing unit. The training will not qualify a student in a particular rating, but is does offer exposure to daily work situations and familiarization with Coast Guard capabilities. Providing information on the student s specific area of interest and the student s next assignment will aid in the selection of the most appropriate unit for the desired training.

OJT NAVAIR - MASL : P189002

Miscellaneous OJT from Naval Air Systems Command.

OJT NAVEDTRACOM - MASL : P1890JT

Miscellaneous OJT under the Naval Education & Training Command.

OJT NAVSEA - MASL : P145JT0

OJT provided by NAVSEASYSCOM.

OJT NAVWARCOL - MASL : P179177

This is an additional study training opportunity to allow students to further their research and education by remaining at the Naval War College and utilizing resources and library materials and completing thesis coursework if desired.

OJT OFF MARINE SAFETY - MASL : P179MOL

This hands-on, in-the-field training provides exposure to commercial vessel inspection activities, port state control inspections on non-U.S. flag ships, pollution investigation and response, and shore-side facility compliance inspections. Typically, some time is spent with other USCG field offices which provide limited exposure to small boat operations, search and rescue, and fisheries enforcement. Officers may be assigned to enlisted USCG personnel for daily activities, but will normally be sponsored by commissioned officers or commissioned warrant officers.

OJT OPERATIONS TNG-CONUS - MASL : B129901

This MASL is used when On-the-Job Training Operations Training CONUS (within United States) is programmed. This MASL is used when On-the-Job Training Operations Training CONUS (within United States) is programmed.

OJT OPERATIONS TNG-CONUS - MASL : B129905

This MASL is used when On-the-Job Training Operations Training CONUS (within United States) is programmed. This MASL is used when On-the-Job Training Operations Training CONUS (within United States) is programmed.

OJT OPERATIONS TNG-CONUS - MASL : B129903

This MASL is used when On-the-Job Training Operations Training CONUS (within United States) is programmed. This MASL is used when On-the-Job Training Operations Training CONUS (within United States) is programmed.

OJT OPERATIONS TNG-USAREUR - MASL : B229931

This MASL is used when On-the-Job Training Operations Training, United States Europe is programmed. This MASL is used when On-the-Job Training Operations Training, United States Europe is programmed.

OJT PROFL/SPEC-CONUS - MASL : B179940

This MASL is used when On-the-Job Training Professional / Specialist CONUS (within United Stated) is programmed. This MASL is used when On-the-Job Training Professional / Specialist CONUS (within United Stated) is programmed.

OJT SAR OFFICER - MASL : P179SRO

OJT SEARCH AND RESCUE OFFICER

This training provides exposure to real-life applications of maritime search and rescue skills used by the Coast Guard. Students will observe SAR operations at a Rescue Coordination Center (RCC), at the group level (rescue sub-center that controls SAR response units), and at an operational unit. Underway time on small boats and aircraft during actual search and rescue cases is likely.

OJT SHIP XFER ENLISTED LANTFLT - MASL : P129013

Ship Transfer MASL used to track enlisted students on ships being reactivated in Atlantic Fleet ports or repair facilities.

OJT SUPPLY - MASL : P1520JT

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.

OJT TECHNICAL ENLISTED - MASL : P179TEE

OJT TECHNICAL ENLISTED

This training provides students with the opportunity to perform U.S. Coast Guard operations related to various technical specialties, including aids to navigation.

Prerequisite: Completion of a USCG aids to navigation course.

OJT USCINCPAC - MASL : P221055

To provide on-the-job training in various areas at USCINCPAC OCONUS sites.

OPERATING ROOM SPECIALIST - MASL : B175226

The 91D10, Operating Room Specialist Course is designed to provide the student with a working knowledge of principles of surgical technology practice, and the instruments, supplies, and equipment for surgical procedures. Phase 1 (9 weeks) didactic study includes: basic anatomy and physiology; vital signs, cardiopulmonary resuscitation; principles and methods of decontamination, sterilization and disinfection; storage and handling of sterile supplies; identification and care of surgical instruments, specialized equipment, sutures, needles, blades, linen, and corrosion-resistant metal ware; duties of the scrub and circulating technician; principles and practices of sterile technique and standard precautions; transporting and positioning patients; operating room safety; handling of specimens, medications, dyes and haemostatic agents; and surgical specialties as they relate to selected surgical procedures. A field training exercise (FTX) is also incorporated into the course. Phase 2 (10 weeks) is on-the-job training in the clinical environment. Total course length: 19 weeks.

OPERATIONAL LAW SEMINAR - MASL : B176566

This course focuses on the role of law in military operational and tactical levels. Lectures cover topics such as: rules of engagement; military justice and claims in the deployed environment; fiscal law and deployed contracting; international agreements; human rights; and air, space, and sea law. Lectures also cover the structure, missions, and capabilities of the Army, Navy, Air Force, Marines, and Coast Guard, focusing on basic knowledge a legal advisor must have to advise a commander, interspersed with lectures are practical student exercises based on a national contingency deployment. The students must complete four different types of exercises; briefings, drafting ROE; target analysis; and a memorandum on fiscal law questions. At the conclusion of the course, attendees will be able to act as a legal advisor during military operations across the spectrum of conflict. Updated: 9 Nov 01.This course focuses on the role of law in military operational and tactical levels. Lectures cover topics such as: rules of engagement; military justice and claims in the deployed environment; fiscal law and deployed contracting; international agreements; human rights; and air, space, and sea law. Lectures also cover the structure, missions, and capabilities of the Army, navy, Air Force, Marines, and Coast Guard, focusing on basic knowledge a legal advisor must have to advise a commander. Interspersed with lectures are practical student exercises based on a national contingency deployment. The students must complete four different types of exercises; briefings, drafting ROE; target analysis; and a memorandum on fiscal law questions. At the conclusion of the course, attendees will be able to act as a legal advisor during military operations across the spectrum of conflict. Updated: 9 Nov 01.

OPERATIONS ENTOMOLOGY - MASL : D175138

Builds individual capabilities to perform surveillance and control for disease vectors that significantly impact military missions during war or operations other than war. Emphasis is placed on preventing vector-borne disease morbidity and mortality. Instruction includes vector biology, vector-borne disease, surveillance techniques, risk assessment, and control strategies. Operational Entomology provides academic instruction, practical exercises, and field experience. AFSC 3E4X3 personnel requiring 7-skill level craftsman upgrade training should request number B3ACY3E473- 001. Additional details can be obtained from the USAFSAM/PH web page at URL http://www.brooks.af.mil/web/eh/html/bugs.htm

OPERATIONS RESEARCH/GRAD - MASL : D178044

Prepares officers for analysis roles to assist decision makers in allocating resources for the planning, development, acquisition, and use of military systems. Provides an extensive background in mathematics, probability, statistics, simulation, economic analysis, operations research, and related disciplines. While its courses are comparable to those of applied operations research program at civilian institutions, the graduate operations research program at AFIT remains unique with its emphasis on the application of operations research techniques to Air Force and Department of Defense problems. The program leads to a Master of Science degree in operations research. The recommended career fields for assignment of the graduates of this program are scientific analysis (AFSC 268X) and information systems (AFSC 49XX). Potential assignments can be found at all levels of the Air Force and the Department of Defense including the Air Force Studies and Analyses Agency, the Joint Analysis Directorate of the Joint Chiefs of Staff, major command headquarters, Air Force Materiel Command product centers, the Air Force Operational Test and Evaluation Agency, and other DoD agencies. Principal courses in the program include models.

OPERATIONS SPEC A - MASL : P132900

The Operations Specialist is the tactical command, control and communications rating. This course provides the student with entry level skills in basic computer application, the handling of classified material, setting up and maintaining communications systems, the management of search and rescue cases, tactical operations in a Combat Information Center (CIC)

environment, and basic navigation.

OPERATIVE DENTISTRY - MASL : P175660

Emphasizes dental carries as a disease process - its epidemiology, reversibility, and conservative treatment. Subjects are topically applied anti-carry agents such as fluorides, chlorhexidine, and pit and fissure sealants; conservative cavity prevention techniques; the restoration of badly broken-down teeth; the restoration of endodontic 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.

OPNS RESOURCE MANAGEMENT - MASL : D121059

Provides initial skills training for personnel entering the aviation resource management career field. Personnel are provided basic knowledge in resource management, to include career progression, monitoring flight incentive pay, maintaining the aviation resource management system, publishing aeronautical orders and military pay orders, monitoring aircrew training, maintaining flight and jump record folders, scheduling flight and ground training, utilizing oracle browsers, and performing squadron operations center duties. Material presented throughout the course, combined with interaction amongst yourselves, our aviation resource management staff, and guest speakers will help broaden your perspective on what aviation resource management at the three skill level (basic level) is about. We are confident that you will find the course rewarding.

ORAL MED,RADIOLO,PHARMACO - MASL : P175206

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.

ORAL PROF SKILLS FOR AVN - MASL : B177026

This MASL would be programmed when Oral Professional Skills for Aviation is programmed. This MASL would be programmed when Oral Professional Skills for Aviation is programmed.

ORAL/MAXILLOFACIAL SURGERY - MASL : P175225

This course will update the general practitioner s knowledge of exodontias 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.

ORDNANCE BASIC OFFICER LEADER - MASL : B121275

To provide lieutenants leadership skills and provide instruction on tactics and unit defense, unit and support supply management, unit and support maintenance, materiel management, and munitions management. To provide lieutenants leadership skills and provide instruction on tactics and unit defense, unit and support supply management, unit and support maintenance, materiel management, and munitions management.

ORSA MILITARY APPLICATIONS-1 - MASL : B151830

This course provides specialty education in the military applications of operations research methodologies. Subjects covered include artificial intelligence, cost, combat modeling, decision analysis, deterministic and stochastic models, linear statistical models, math programming, simulation, and a capstone case study. A majority of the instruction is from graduate-level textbooks which frequently require the use of calculus. Most areas of instruction are accompanied by practical exercises and/or group projects which are to be worked outside of scheduled class time. Examinations are given at the completion of each block to evaluate the students comprehension and mastery of the material. This course provides specialty education in the military applications of operations research methodologies. Subjects covered include artificial intelligence, cost, combat modeling, decision analysis, deterministic and stochastic models, linear statistical models, math programming, simulation, and a capstone case study. A majority of the instruction is from graduate-level textbooks which frequently require the use of calculus. Most areas of instruction are accompanied by practical exercises and/or group projects which are to be worked outside of scheduled class time. Examinations are given at the completion of each block to evaluate the student’s comprehension and mastery of the material.

ORSA MILITARY APPLICATIONS-1 - MASL : B151820

Course includes a comprehensive block of instruction in probability and statistics. In addition, there is a review of Linear Algebra, Calculus, and in-depth instruction in the use of personal computer with emphasis on word processing, spreadsheets, database, and graphics. The classroom presentation will emphasize principles, demonstrate techniques of analysis, and illustrate typical applications of the analytical techniques. Each area of instruction is accompanied by practical exercise which is expected to be worked in the group problem solving sessions as well as outside of the scheduled class time. These exercises and examinations given during class are graded to determine the student's comprehensive and mastery of the material.

ORSA TECHNOLOGIES AND APPLICATIONS COURSE - MASL : B151802

The course is designed to update the student's knowledge and skills of analytical techniques with particular emphasis on military applications. The course concentrates on those techniques and applications most frequently employed in the military ORSA community.

OT PARTICIPANT - MASL : B181011

This MASL is used when OT Participant is programmed.

OUTBOARD MTR MT & OVHL - MASL : P145906

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.

OXYGEN CLEANLINESS INSTR - MASL : P166260

OXYGEN CLEANLINESS INSTRUCTOR

Purpose: 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.

P3 REPL FLIGHT ENG PREP - MASL : P114038

P-3 REPLACEMENT FLIGHT ENGINEER - PREPARATION COURSE

P-3 SIMULATOR TRNG - MASL : P117021

To train newly assigned pilots or to provide refresher training for qualified P-3 Aviators in the proper operation, troubleshooting of the cockpit flight panel during simulated flight operations.

NOTE: Access to device 2f179 (pact) is not authorized under this MASL number.

P3C III/AIP FLT ENG CAT 1 - MASL : P114033

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.

P3C OFT SIMULATOR TRNG - MASL : P117050

To provide initial and refresher training for P3 pilots to enhance their flying skills and maintain required qualifications.

P3C SIMULATOR (OFT-2F87F) - MASL : P117075

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

P3C SIMULATOR (WST) - MASL : P117076

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

P3C UDIII/AIP ACOUST CAT 1 - MASL : P117062

To train first tour fleet aircrew personnel in the skills and techniques required for designation as a NATOPS qualified Acoustic Sensor Operator in the P-3C Update III model (SASP/C4.7.1 equipped) aircraft.

SCOPE: This curriculum provides the Acoustic AW (AAW) with a thorough study of the Acoustic Systems of the P-3C Update III model aircraft and procedures for their proper use and preflight. The AAW is also introduced to Oceanography, USW tactics, Crew Coordination and Emergency procedures. Academic training is augmented with Weapon system Trainers, Part Task Trainers, and flights on the P-3C Update III model Aircraft. These sessions reinforce classroom instruction and provide hands-on training for the RAAW to develop skills.

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

P3C UDIII/AIP NFO CAT 1 - MASL : P114023

To train first tour Fleet Replacement Naval Flight Officers in skills and techniques required for performance as a navigator/communicator in P-3C model aircraft. The curriculum consists of training in navigation systems and procedures, en route and tactical communication, crew coordination in tactical evolutions, emergency procedures, and systems review. Training is conducted in weapon system trainers and aircraft. Flight training consists of navigation/communication and crew tactical flights.

P3C/P3C UD2 REP PILOT C1 - MASL : P112100

To train first tour Fleet Replacement Aviators in skills and techniques required for performance as a Pilot in P-3C model aircraft. The curriculum consists of aircraft systems, normal and emergency procedures, navigation, USW tactics and procedures, and crew coordination in tactical evolutions. Various trainers are utilized for cockpit familiarization, cockpit procedures, flight simulation and tactical training. Flight training consists of familiarization, navigation, and crew tactical flights.

P3C/P3CU2 INST UNDER TNG 3 - MASL : P115011

To train IUT Pilots in skills and techniques required for performance as an Instructor in P-3 model aircraft. This curriculum provides the prospective VP-30 Instructor with a one week course in instructor techniques followed by fourteen weeks of academic work and flights on P-3C/Update II and AIP Aircraft. The academic work consists of navigation, USW tactics, weapons delivery, crew coordination, aircraft systems, normal and emergency procedures and methods of presenting these subjects to fleet replacement pilots. The IUT demonstrates his instructor ability during familiarization flights. The major thrust of this curriculum is on educational techniques and in-depth systems knowledge.

P3CUDIII/AIP ENG RUSIM - MASL : P119111

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.

PA OFFICER QUAL CRS - MASL : B164590

This course is designed to provide instruction and comprehension of the theory, concepts, policies and principles of community relations within the military environment, public affairs communication, speech and research, basic journalist and broadcast instruction necessary for the public affairs officer, public affairs specific for each service, public affairs responsibilities applicable to the unified and specified military command, media relations, and on-camera training and requirements of the public affairs officer in a war-fighting scenario.

PAIN CTRL & NITR-OX SEDAT - MASL : P175677

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.

PARACHUTE RIGGER - MASL : B148370

Inspecting, packing, rigging, recovering, storing, and maintaining air item equipment.

PATHFINDER - MASL : B121180

Navigate cross country on foot; establish and operate a day/night helicopter landing zone; establish and operate a day/night parachute drop zone; conduct sling load operations; aircraft rappelling; provide air traffic control and navigational assistance to aircraft within an operational site control zone.

PATIENT ADMINISTRATION - MASL : B175217

To provide AMEDD officers with a working knowledge of all administrative parameters/procedures incidental to admission and disposition of patients; initiation, maintenance and disposition of medical records; medical statistic reporting; birth/death reports and certificates; release of medical information and processing of related correspondence; administrative support of patient movement/transfer, disability processing and medical care evaluations. General knowledge as necessary in the administrative middle-management position in a medical management facility.

PATIENT ADMINISTRATION SPECIALIST - MASL : B165223

Provides enlisted personnel with a working knowledge of AMEDD basic medical records and reports, admission and disposition records, medical statistical reports and procedures. Basic fundamentals of Microcomputer operations to include keyboard skills (20 wpm) and hospital information systems. Work uniform required

PATRIOT - EOD - MASL : P193134

Trains selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

PATRIOT AIR DEFENSE OFFICER - MASL : B195185

System operations; battle drill; maintenance; tactical deployment; and command control procedures.

PATRIOT OPERATOR & SYSTEM MECHANIC-GERMAN - MASL : B179535

Provide general block and functional theory of operation on the PATRIOT Air Defense Missile System. Subjects include system operation, operational checks and adjustments, fault isolation procedures, and maintenance management functions.

PATRIOT OPERATOR (ICC) - MASL : B179538

To train allied commissioned officers for duty with the Patriot Air Defense Missile System, Information and Coordination Central (ICC). Effective Jan 02, the equipment used is ICC AN/MPQ-116 with PDB 5 software and effective Oct 02, ICC AN/MPQ-133 only.

PATRIOT SYSTEM REPAIRER - MASL : B195193

Effective 2006-03-21

Course Scope:

An intensive course in the specific and generalized concepts and methods for total maintenance, troubleshooting, and repair of the PATRIOT Missile System to include the electrical, electronic, and mechanical theory required to support that training. Provides training on warrior tasks and battle drills.

Special Information:

SPECIAL INFORMATION: Entrance Forms to National Agency Check (ENTNAC) must be initiated prior to reporting to school.

Active Army and Reserve Component enlisted personnel must have successfully completed 121-94S10 Patriot Missile System Repairer.

PATROL CRAFT HULL MAINT - MASL : P145903

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.

PATROL CRAFT PROP SYS OVHL - MASL : P145907

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.

PATROL CRAFT WEAPONS MT - MASL : P145904

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.

PEACE OPERATIONS-SPANISH - MASL : B129203

Tactics, techniques, and procedures (TTP) of peace operations to include logistics support; chain of command structures; rules of engagement development; information operations; intelligence capabilities and assets; preventive medicine and sanitation for peacekeepers as well as national citizens; role of civilian controls on military operations and the varying roles civilian nongovernmental organizations have in supporting peace operations; mandated minimum of 28 hours of instruction of human rights; the rule of law; due process; civilian control of the military; and the role of the military in a democratic society.

PERFORMANCE BASED LOG - DL - MASL : B151016

Performance Based Logistics, Part A, provides a dynamic real-time learning environment oriented toward developing a range of logistics competencies. It challenges the student to review current policy and demonstrate an understanding of how early integration of performance-based support concepts into the system development process leads to achievement of DoD s logistics goals. It is intended for midlevel logistics professionals needing skills required to excel in today s demanding and dynamic product support environment.

Objectives: Students who successfully complete this course will be able to:

- more fully understand the knowledge areas of their job as members of the life cycle logistics workforce (concentrating on performance-based product support, business case analysis, continuous modernization, supply chain management, configuration management, enterprise integration, commercial integration, support options, and reliability, maintainability, and supportability);

-understand the specific relation and application of the functional areas in a performance-based logistics framework; and

-develop a more in-depth knowledge of their current applications within the DoD.

PERIODONTICS - MASL : P175674

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.

PERIOPERATIVE NURSING - MASL : B175307

Course instruction is presented through lectures, conferences, discussions, practical exercises, examinations, and clinical practicum. Major areas of instruction include the OR nurse s responsibility in the preparation and sterilization of supplies/equipment, operative nursing aspects in special surgical fields, teaching role of the Preoperative staff nurse, principles and techniques of supervision, and management of an operating room.

PERSONNEL SPECL - MASL : D161006

This course replaces E3ABR3S031 006 with the first class start of 27 Jun 05. Covers personnel duties such as computer operations, personnel communications management, briefings, Military Personnel Data System (MilPDS) applications, personnel relocations, employment readiness, commander's support staff functions, Personnel Concept-III, keyboarding, and contingency support functions.

PETROLEUM LOGISTICS MGT - MASL : D151021

Provides training for Air Force personnel, AFSC 2F071, in the knowledge and skills needed to perform the duties of a fuel superintendent or manager possessing AFSC 2F091/2F000. Instruction includes all aspects of managing, planning, organizing, directing, and coordinating fuels operation activities. It is designed to enhance the executive ability of the Fuels Superintendent/manager in the areas of fuel accountability, daily operations, quality assurance, and deliberate/contingency planning. In addition, training received will provide the skills required to manage a deployed fuel operation utilizing fuels mobility support equipment (FMSE).

PETROLEUM OFFICER - MASL : B151655

Advanced petroleum and water handling skills, operations, and maintenance; energy management, water storage, and distribution; producing and processing petroleum products, data gathering, analyzing energy resources, and planning; the slating process, fuel depot operations, and quality assurance evaluation; safety and environmental stewardship protection considerations, and the force projection scenario for advanced petroleum management.

PETROLEUM SUPPLY SPECIALIST - MASL : B152385

This course provides training in fuel products operations; bulk petroleum, receipt, storage and issues; water front and pipeline operations, safety, health, and environmental stewardship protection.

PETROLEUM TNK CLEANING AZR - MASL : D148116

Provides formal training to Air Force personnel (military or civilian) in responsibilities and duties of a tank entry supervisor. This training is mandatory for MAJCOM certification as a Command Tank Entry Supervisor. Training includes hazardous characteristics of fuels, inspection of personnel protective equipment, confined space entry, pre-cleaning inspection, tank cleaning process, disposal of contaminated fuels, acceptance inspection and returning tank to service.

PGS ADMIN SCIENCE MS - MASL : P176002

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.

PGS AV SAFETY OFF (ASO) - MASL : P171410

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 rodynamics 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.

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.

PGS COMPUTER SCIENCE MS - MASL : P177713

MS degree program. Technical knowledge in computer system design, data processing, hardware, software and research. Note: Attendance is limited to 35 participants per year.

PGS COMPUTER SCIENCE PHD - MASL : P179173

PHD program.

PGS ELEC/COMPUTER ENGRG MS - MASL : P177712

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.

PGS ELECTRICAL ENGRG PHD - MASL : P179109

PHD program.

PGS ELECTRNIC SYS ENGR ENG - MASL : P177721

Engineering degree program.

PGS ENGINEERING SCIENCE - MASL : P174233

Prepares students for entry into a technical program.

PGS FINANCIAL MANAGEMENT - MASL : P179127

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.

PGS MANPOWER/PERS TRA ANAL - MASL : P179105

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.

PGS MECHANICAL ENGRG MS - MASL : P177715

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

PGS OCEANOGRAPHY MS - MASL : P174011

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.

PGS OPNS RESEARCH PHD - MASL : P179030

PHD program.

SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PGS RESEARCH MS - MASL : P177714

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.

PH II MIL JUSTICE CONUS - MASL : P176023

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.

PHARMACY SPECIALIST - MASL : B175248

Provide a working knowledge of drugs, their sources, preparation, uses, incompatibilities, and doses; pharmaceutical symbols and terms; interpretation of prescriptions and medication orders; storage, control procedures, and dispensing procedures performed under supervision of a pharmacy officer (AOC 67E) or a medical corps officer. Subjects include pharmacy administration, pharmaceutical calculations and chemistry, therapeutics, pharmaceutical preparation, sterile products, and pharmacy practice.

PHYSICAL/SWIM/INDOC - MASL : P129492

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.

PHYSIOLOGICAL - MASL : D175005

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student's country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

PHYSIOLOGICAL TNG OFF - MASL : D175066

Runs in conjunction with B3OBY43A1 001, Aerospace Physiologist (USAF), and provides the knowledge to perform basic duties as an

aerospace physiologist. Includes principles and application of aviation physiology, science of the earth's atmosphere, introduction to human factors, and aircraft accident investigation techniques. Instruction in the use of the night vision trainer, barany chair and applicable aircrew life support equipment necessary to expose physiologists to the flying stresses experienced by aircrews. Familiarizes students with operation and maintenance of low pressure chambers and associated equipment used in career field. Students undergo low pressure chamber, centrifuge, and advanced spatial disorientation demonstrator training. Students will also perform duties at each crew position on the low pressure chamber.

PHYSIOLOGICAL TNG SPEC - MASL : D175003

Provides knowledge and basic skills to perform entry-level duties as an enlisted aerospace Physiology Apprentice. Training includes basic facts and terms about aerospace physiology, physiology fundamentals, operation of hypobaric chambers and supporting equipment, other physiological training devices, personal life support equipment, administrative procedures of physiological training, aircraft emergency escape, cabin pressurization, and briefings on specialized aspects of MAJCOM aerospace physiology programs.

PHYSIOLOGIST CRS - MASL : P175113

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, aero medical 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."

PILOT INSTRUCTOR/T-38C - MASL : D115012

Screens instructor potential and qualifies pilots to perform duties as T-38 instructor pilots in SUPT. Training consists of diversified flying in the T-38 aircraft and simulator. Academic training includes applied aerodynamics, flight planning, methods of instruction, and ancillary topics.

PILOT/TACT INSTR/C-130 - MASL : D115018

Formal school course that qualifies pilots to perform instructor duties in the C-130. Provides training in the philosophy of instruction, student/instructor relationships, student performance analysis, lesson planning, and practical instruction. Includes academic, simulator, and flight training.

PK LEGAL DEVELOPMENTS PKLD - MASL : P176017

PEACEKEEPING: LEGAL DEVELOPMENTS PKLD

PKLD promotes the rule of law by presenting the latest legal and organizational developments in the ever-changing field of peacekeeping.

What are the benefits of PKLD?

1) Develops professionalism, knowledge about current peacekeeping issues, and the ability to participate effectively in peace and humanitarian missions by examining the operational impact of legal considerations that influence national involvement in current peacekeeping operations.

2) Promotes understanding and cooperation between the U.S., partner nations and international organizations involved in peacekeeping.
3) Condensed two week program provides a current update on pressing peacekeeping issues that are before the General Assembly and Security Council.
4) Prepares participants to be able to make decisions based on the most current trends and developments in peacekeeping.

Who should participate in PKLD?

PKLD open to military officers of any rank and civilian equivalents and there are no prerequisite requirements. PKLD is best suited for senior officials, faculty members of national peacekeeping training centers or War Colleges, and for staff military legal advisors who have a need to understand current developments in preparation for assignments in peace operations. There are no prerequisites.

What do PKLD participants learn?

The curriculum is focused on international law and the work of international organizations along with a study of recent developments and trends in peacekeeping missions, peacekeeping policy, and doctrine directives. Participants take part in a working visit to UN headquarters in New York with UN Staff members, individual country missions, and regional organization staffs. The Informational Program features visits in the Newport area and Boston.

SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

PLANNING, PROGRAMMING, BUDGETING, EXEC SYSTEM - MASL : B156541

Course Scope:

Resource management organizations and functions; budgeting; review and analysis; RDA management; Special Appropriations Management; commercial activities; cost analysis; economic analysis; installation management programs; Total Army Quality; commitment and obligation principles and rules; manpower and force structure management; management controls; auditing; flow, receipt and administrative control of funds; fiscal code; working capital funds; fiscal law and single stock fund.

Special Information:

This course serves as phase 1 of Comptrollership training for FA 45 and CP 11. This distributed learning course, the Planning, Programming, Budgeting, and Execution System (PPBES) Functional Course consists of three phases of Distance Learning development: Phase 1 - (6 lessons, 13 academic hours), Phase 2 - (7 lessons, 9 academic hours), and Phase 3 - 32 academic hours. On complete conversion to Distance Learning, the PPBES course will be linked through the LMS. The PPBES Distance learning course will be conducted via the World Wide Web using visual text, graphics, and audio. Students will access the training through the Reimer Digital Library. The course is asynchronous and includes student interaction, checks on learning, pre and post module tests. The student can contact a school representative via separate email function. Due to programming limitations, hot linked email cannot be embedded within a single lesson itself. The students may take the course from their home/billets, office, education center, or a Digital Training Facility. There are no read-a-heads for this course.

The course is Web-based only and can be accessed from the Reimer Digital Library for credit or information. PPBES is a prerequisite for enrollment in the Resource Management Budget Course as well as a mandatory component of the CPT OES initiative. PPBES is also a Resource Management Certification requirement for CP 11 civilian employees. The student will enroll once in PPBES and will complete all blocks of instruction, practice exercises, and pass post-module testing to receive credit for the course. The lessons covered in this development phase are not homework; they present separate distinct subject areas that the student needs to understand and to interact within PPBES courseware. The formal course title is Planning, Programming, Budgeting, and Execution System.

This courseware is primarily intended to provide essential training for personnel who will perform duties in Resource Management activities. This is the initial, leader development course for Functional Area (FA) 45 for officers and civilian personnel in the comptroller career field (CP 11), and other soldier and civilian personnel with duties closely related to FA 45 and CP 11. Its secondary purpose is for self-development or review. All who can access the Reimer Digital Library may review its contents. The entire course must be completed successfully before the student is awarded course credit. From a practical standpoint, 6 months seems reasonable for the student to complete all PPBES requirements. The logical sequence for this course follows the current approved POI. Following POI numeric sequence will ease control and tracking requirements. The DL Phase will eventually replace the resident course. With the completion of this development Phase and interlinking all development phases via the LMS, the residence course will be eliminated.

There should be a two-year overlap to allow for validation and full implementation. Both versions (Resident and DL) should coexist over the two-year span. Student registration for credit will be accomplished through ATRRS. All authorized personnel will be able to audit lessons for self-development or refresher training through the Reimer Digital Library. The Hours will remain at 76 until complete conversion and implementation to DL media. PPBES DL consists of approximately 64 academic hours of self-paced IMI via the Internet. The average student who takes a lesson here and there for self-development should be able to complete the lessons developed at the rate of one per hour. The students that take the lessons in consecutive logical blocks will probably complete the phase in less time than allotted. All lessons are tested utilizing post-module tests. The student must achieve the minimum stated score for each module to receive credit. All lessons must be successfully completed to receive credit (DA Form 1059).

PLT INSTRUMENT PROCEDURES - MASL : D121064

This course helps prepare pilots for flying missions under Instrument meteorological conditions (IMC) and in accordance with Instrument Flight Rules (IFR). It will teach both Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) rules and procedures. Students will learn the use of various charts, navigational aids, and instrument flight procedures, to include basic fundamentals and planning of international flight plans. There is no actual flight training involved, and application is taught via flight simulators. Graduates of this course are still required to apply these procedures in their respective weapon systems with an experienced instructor or evaluator in order to fully qualify for instrument flight operations.

COURSE DESCRIPTION

- BLOCK I - FUNDAMENTALS OF INSTRUMENT FLIGHT: This unit is designed to improve basic instrument knowledge through the introduction of fundamental instrument procedures and concepts. Upon completion of this unit, students will comprehend the fundamental procedures for implementing the 60-1 rule, control and performance concepts, and instrument cross-check procedures. In addition, this unit teaches students procedures on the use of Navigational Aides (NAVAIDS), aircraft instrumentation, radial/arc intercepts, fix-to-fix navigation, and holding pattern procedures.
- BLOCK II - FLIGHT PLANNING AND SPECIAL TOPICS: The purpose of this unit is to enhance the student's instrument flight planning skills. The student will receive instruction on instrument approach procedures, the use of Jeppesen and Department of Defense charts, airspace and weather considerations, departures and arrivals, and spatial disorientation recognition. ICAO procedures are covered and compared with FAA instrument procedures. Additionally, a thorough revision of procedures used to calculate flight plan data and the submission of an international flight plan will take place during this block.
- BLOCK III - INSTRUMENT APPROACH PROCEDURES: This unit is designed to develop knowledge of procedures and techniques to fly precision and non-precision instrument approach procedures. Both high altitude and low altitude approach procedures are discussed. Additionally, techniques and procedures for missed approach and landing out of an approach receive in-depth analysis. Topics on autopilot approaches, safety of flight, Crew Resource Management, Global Positioning System operations, airspace and communications is covered to include a tour of the San Antonio or Kelly Field air traffic control facilities and tower. Terminal Instrument Procedures criteria is addressed to give the students basic understanding of instrument procedures and limitations.
- BLOCK IV - INSTRUMENT SIMULATOR: Fundamentals and performance of basic instrument skills is the objective of this block. The student will fly 21 missions in either a twin prop or twin jet simulator, such as, a Frasca 242 (twin prop), AST Hawk (twin prop), T40 (twin jet) or 737 simulator. Students will receive instruction in the following: basic instrument maneuvers, confidence maneuvers, radial/arc intercepts, fix-to-fix navigation, and holding pattern procedures. Students will additionally receive several hours of self-paced instruction on the NT361 computer based flight trainer (CBFT) where they will practice basic procedures individually or with an instructor. Students will practice all maneuvers and instrument approach procedures, with emphasis on incorporating fundamentals, basic skills, and instrument procedures in several real-time missions. On the last simulator sortie of each block the student will receive a progress check of all assigned maneuvers. A comprehensive simulator check ride is administered at the end of this unit.

POLLUTION RESPONSE - MASL : P122703

The Pollution Response Course basic training covers 4 modules (prepare for incident response, assess on-scene situation, initiate actions to resolve/mitigate damage to the environment, and prepare and submit reports) dealing with the initial response and management of oil and hazardous materials pollution and other all-risk incidents.

POST GRADUATE STUDY AT SALVE REGINA UNIVERSITY - MASL : P178000

Post Graduate Studies Program

INR 511 Philosophical Foundation of Politics

INR 521 Global Ethics

INR 512 Justice and Order in International Relations

INR 516 Identity, Harmony and Conflict

INR 513 Comparative Political Developments

POWER GENERATOR EQUIP RPR - MASL : B174120

Safety consideration; malfunction; diagnosing; organizational, direct and general support concepts for repair to replacement of defective components and assemblies of gasoline and diesel engines, electrical control systems of electric power generation and associated equipment.

PR COMMON CORE CLASS A1 - MASL : P148375

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. Introduction and Indoctrination, Maintenance Concepts, Levels and Types, Tool Control Procedures, Foreign Object Damage (FOD), Common Tools, SEATS/ICAP Program, Corrosion Control, Aircraft Battle Damage Repair, Introduction to Composite Materials, Industrial Sewing Machine Usage, Operation and Maintenance, General Purpose Flight Equipment, Flight Helmets, Oxygen Masks, Anti-G Garments, Parachute Restraint Harness Assemblies, Anti-Exposure Assemblies, Survival Equipment, SV-2B (series) Survival Vest, Search and Rescue Equipment, LPP-1A Life Preserver Assembly, LRU-12/P Life Raft Assembly and Inspection Requirements, SKU-2/A Seat Survival Kit, Parachute Loft Administration and Structure, NB-8 Parachute.

PRECISION MEAS EQUIP LAB - MASL : D131009

Students learn to use technical data and test equipment to maintain and calibrate US Air Force Test Measurement and Diagnostic Equipment (TMDE). They receive theory, hands-on training, and apply electronic principles, data principles, logic analysis, shop procedures, testing, and maintenance management. Training includes the application of electronic principles, the use of electronic schematics, TMDE circuit analysis, AC/DC measurement, measurement techniques, oscilloscope calibration, waveform analysis, precise time frequency measurement, signal generation measurement, and physical dimensional measurement. Students are mission-ready certified on the calibration of the passive analog multimeter, digital multimeter, oscilloscope, pressure guage, torque wrench, and frequency counter.

PRECISION PHY/DM MEAS NAV - MASL : P148362

INFO: 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.

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: 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.

PRED REQUAL SR PILOT - MASL : D116186

Trains personnel to mission ready (MR) status in the pilot and sensor operator crew positions on the MQ-1 Predator system in the following missions: Intelligence, surveillance and reconnaissance (ISR). Strike coordination and reconnaissance (SCAR). Surface attack tactics (SAT). NOTE: This course will not qualify crewmembers to launch, takeoff, or land the aircraft.

PRE-HOSP TRAUMA LIFE SUPPORT - MASL : B175482

The Defense Medical Training Institute (DMRTI) located at Fort Sam Houston, TX provides the Pre-Hospital Trauma Support Course which is based upon the Advanced Trauma Life Support (ATLS) course for physicians developed by the Committee on Trauma of the American College of Surgeons. Student's participant in an intensive 2-1/2 day experience with lecture and skill stations content to identify the need for life saving interventions for the multi system trauma patient. The intent is to provide the student with a specific body of knowledge related to the pre-hospital care of the trauma patient. This course includes practical exercises and examinations, which reinforce the material presented in the lecture and practical sessions.

PREVENTIVE MEDICINE SPECIALIST - MASL : B175237

Inspect and evaluate sanitation and safety of living quarters, food service facilities, water supplies, industrial operations, and other facilities and operations as required. Evaluate adequacy of wastewater and solid waste disposal operations. Perform various entomological functions in support of insect and rodent control programs. Help collect data for communicable and occupational disease investigations.

PRIN INVEN CTRL (WPN SYS) - MASL : P152085

Principles of Inventory Control (PIC)

International Officers only, grade O-1 to O-4, waivers available for civilian and enlisted students. Course 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. Course includes study of math models for outfitting and determining allowances quantities. Also discusses ship transfer and shipyard procedures, and specific allowance determination for the FMS customer.

PRIN OF MILITARY PREV MEDICINE - MASL : B175236

Provide Army Medical Department (AMEDD) officers with the skills and knowledge to function in preventive medicine specialty areas at an entry level. Subjects common to all preventive medicine are presented in a common core for all students. In addition, each group receives instruction unique to their specialty.

PRINC DEF PROCUREM & CONTR - MASL : P159202

PRINCIPLES OF DEFENSE PROCUREMENT AND CONTRACTING

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.

PRINCIPLES OF INSTRUCTION - MASL : D166039

This course provides training in instructional methodology with emphasis on actual practice teaching. The major subject areas included in the course are the learning process, communicative skills, curriculum development, instructional media, student

measurement, lesson planning, questioning techniques, and student counseling. The course is available to active duty Air Force, AFRES, ANG, and other Department of Defense personnel who are involved in teaching programs. This course is group-paced.

PRINCIPLES OF METALLURGY - MASL : D148075

Identification and specification of metals; operations and procedures used in heat treatment of metals; testing of metals; correction of heat treatment troubles; inspection of grain structures; and operation of heat-treating equipment. Training includes: mechanical and physical properties of metals; theory and principles of heat treating; furnace operation/adjustment and calibration of furnace controls; heat treatment of ferrous and non-ferrous metals, including hardening, tempering, annealing, normalizing, and case hardening of steels; and solution and precipitation heat treatment of heat and corrosion resistant metals and aluminum metals. Safety, compliance with standards, Operational Risk Management, and Air Force core values are stressed in all phases of the course. Class starts at 0600 in Building 3074, Dickson Hall.

PROFESSIONAL/SPECIALIZED - MASL : D171010

The Air War College mission is to develop and support senior leaders through education, research, and information programs focused on strategic and institutional leadership, joint and multinational warfighting, multi-agency international security operations, air and space force development, and national security planning. In the core curriculum, the Leadership and Ethics course prepares students to make successful strategic decisions. The course examines the personal and environmental senior leadership competencies required of today's complex, multi-cultural, expeditionary warfighting environment. The Foundations of Warfighting course provides students with a common framework for examining the development and practice of military strategy in order to broaden the students perspective regarding the nature of strategy and applying the military instrument of national power. The course provides a deep appreciation of the relationships between military operations and political purpose, and how this relationship influences choices about the use of military power in pursuit of national objectives. The National Security and Decision Making course assesses the context and processes for developing U.S. security strategy and policy as well as the military force structure to support policy and strategy. The context assessment encompasses the overarching cultural, religious, political and economic currents that influence local, regional and global security environments. The course assesses the role and impact of civil-military relations on policy development and execution. The Regional Studies (RS) course prepares senior leaders to investigate, analyze, and evaluate a geographic area from a combatant commander perspective in support of international and national security policies. To meet the challenges of the Air and Space Expeditionary Force, the course provides students the opportunity to evaluate an area of the world where a unified combatant commander must implement the national military strategy in support of US security policy. The course provides the opportunity for students to gain unique perspectives by studying and visiting one of 16 regions.

The Joint/Coalition Military Operations course prepares senior officers to deploy, employ and control joint forces across the spectrum of conflict. The course emphasizes the employment of air and space forces as they contribute to the joint, combined or coalition environment in support of the National Military Strategy. The course assesses the best ways to present, plan, and control military resources (U.S. and coalition) as they serve the unique requirements of the Combatant Commander. The Global Security course examines the roles that nations and non-state actors play in shaping the global environment. The course uses a comparative approach to examine the political and economic elements of actors and their impact across a wide range of global security issues and environments. In the Research course, students exercise their critical and creative thinking skills as well as their ability to communicate actionable results to a potentially wide audience. Students may chose a topic sponsored by a military agency or develop a topic on their own. Students work with faculty and research advisors as well as sponsors to research and document their results, recommendations and insights. The Professional Studies Project (PSP) results in a 25-30 page deliverable. With the author's permission, Air University post papers on AU Web site and provides copies to the Defense Technical Information Center, Air University Library, and the Force Academy Library. In addition, sponsors receive a copy of the product for their use. Although most research is an individual effort, the AWC offers students the opportunity to complete the PSP as part of a group research effort. In the elective curriculum, students complete three electives.

PROGRAM MANAGEMENT OFFICE - MASL : B154030

The Program Management Office Course (PMOC), Part A, is the first part of the Level III certification course in the Program Management (PM) career field. It is a follow-on to ACQ 201B and PMT 250 and is designed to train Level II qualified students to be effective PM Level III leaders in a program office by honing analysis, synthesis, and evaluative skills. PMT 352A focuses on key PMO knowledge and skills not covered in the prerequisite courses. This course must be completed prior to attending PMT 352B.

Objectives: Students who successfully complete this course will be able to:

- Describe the role of science and technology in supporting the system acquisition process;
- Understand Information Technology (IT) policy, best practices, information assurance measures, and interoperability considerations;
- Describe current manufacturing and logistics concepts and best practices, such as lean manufacturing and supply chain management; and
- Explain appropriate management and decision making models to aid in addressing various acquisition program issues (business and financial; international; environmental, safety, and health; etc.).

PROGRAM MANGT TOOLS DL - MASL : B154813

The Program Management Tools course provides application skills needed in a program office or as an Integrated Product Team (IPT) lead. It is a follow-on to ACQ 201B and is designed to enhance journeyman-level skills. This course is required, along with ACQ 201B, for Level II certification in Program Management (PM) and also prepares students for later work in the Level III Program Management Office Course, PMT 352, Parts A and B.

Objectives: Students who successfully complete this course will be able to:

- Apply best practices for establishing effective IPTs;
- Develop Work Breakdown Structures (WBSs);
- Build program schedules and apply risk management principles using state-of-the-industry software;
- Apply current cost estimating processes;
- Perform contract planning and post-award activities; and
- Use earned value tools and techniques for program planning and control.

PROGRAM MGT OFC RESIDENT - MASL : B154031

The Program Management Office Course (PMOC), Part B, is the second part of the Level III certification course in the Program Management (PM) career field. PMOC is a follow-on to ACQ 201B and PMT 250. The classroom component of PMOC, PMT 352B, follows PMT 352A, which is the prerequisite distance learning component of PMOC. These courses are designed to train Level II qualified students to be effective PM Level III leaders in a program office by honing analysis, synthesis, and evaluative skills. PMT 352B features scenario-based practical exercises with topical themes, such as interoperability, prototyping, and evolutionary acquisition.

Objectives: Students who successfully complete this course will be able to:

- Lead and contribute to effective teams in a DoD PMO;
- Apply critical-thinking and problem-solving skills to systems acquisition problems throughout a defense systems life cycle;
- Understand, analyze, and develop solutions to cost, schedule, and performance issues faced in defense program management; and
- Evaluate the tradeoffs in program decisions in compliance with DoD 5000 Series directives.

PROGRAM ON TERRORISM SECURITY STUDIES (PTSS) - MASL : B279002

The course will focus on introducing methods that will effectively help a nation combat terrorism but still allow it to adhere to the fundamental values of a democratic society. Participants will develop a common understanding of the definition of terrorism and establish contacts that will help them approach this problem in a collegial, international environment. The PTSS will give current and future national security officials an appreciation of the nature and magnitude of today's threat. By developing common grounds of knowledge, understanding and contacts, an intellectual interoperability, PTSS will improve national security officials' ability to counter terrorism's regional implications that transcend national borders by cooperating internationally. Finally, the course will help integrate the counter-terrorism community and enable individual nations to cooperate successfully in the on-going global war on terrorism.

Designed for government officials and military officers currently employed in mid-level and upper-level management of counterterrorism organizations.

PROGRAMMING SPECL - MASL : D156016

This course teaches an introduction to software technology, hardware concepts, software concepts, software engineering goals and principles, the software life-cycle, problem solving and algorithm design. Computer concepts, internal data representation, computer architecture, and communications fundamentals are also addressed. Program Design Language will teach logic and design methodologies. Visual Basic programming will teach high order language concepts such as conditional statements, iterative statements, error handling, file processing, procedures and functions, and general event-driven practices. In addition, software maintenance concepts and database management systems development, usage and maintenance are addressed.

PROPUL FUEL TESTING-SHPBD - MASL : P145759

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.

PROSP CO/XO/COMBAT SYS(NO) - MASL : P179355

PROSPECTIVE COMMANDING OFFICER/PROSPECTIVE EXECUTIVE OFFICER/COMBAT SYSTEM OFFICER (NORWAY).

This course is specific to NORWAY and trains personnel to direct warfare area operations, operate the Advanced Display System and C&D System consoles in a command role. This course provides Prospective Commanding, Prospective Executive Officers and Combat System Officers with command level knowledge in the operational characteristics, capabilities, limitations, and administrative requirements of the Integrated Weapon system. Additionally, this training provides the general, physical, and functional descriptions of the Royal Norwegian Navy (RNoN) FFG Combat System elements, computer programs and integration descriptions of elements within the Combat System for a specific hull. The course Training provides the management level information required to direct system operation in anti-air, anti-surface warfare. Personnel will conduct multi-warfare scenarios, constructing, entering, and manipulating operational doctrine, make tactical and administrative considerations, management techniques for the system, under simulated underway conditions.

Hands-on instruction (approximately 40% of the course) includes operational scenarios.

PROSP COMMANDING/EXEC OFF - MASL : P171300

This advanced course covers specific topics to enhance preparation of officer and senior enlisted personnel for command at sea. The course includes classroom and lab work, case studies and practical instruction in ship handling, rapid radar plotting, radar collision avoidance, military justice, stability, and public affairs. The value of this course is highly dependent upon active student participation.

PROSTHODONTICS - MASL : P175661

PROSTHODONTICS IN THE COMPREHENSIVE DENTAL PRACTICE

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.

PREREQUISITES: 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.

PS-SCH (PORT SEC) - MASL : P179121

This course teaches enlisted personnel to perform as junior petty officers at the job entry level in the Port Security Specialist rating. Students will be taught basic maritime law enforcement. Subject matter covered includes the following: Physical Security and Protective Measures, Coast Guard Unit Security, Commercial Facilities Security, Introduction to Small Arms (M-9, M-16 and M870), Authority and Jurisdiction, Asylum Requests, Harbor Control, Terrorism, Security Patrols, and Incident Command System (ICS).

PSYCHOLOGICAL OPERATIONS OFFICER - MASL : B126619

Introduction to Psychological Operations; doctrine; organization and employment; PSYOP development process; marketing and advertising principles; social and behavioral science; adaptive leadership techniques; public diplomacy; interagency; Army digital training; political/military analysis; contemporary issues and PSYOP; course exercises and examinations.

PT-6A ENGINE TECHNICIAN - MASL : D141280

This course is designed to provide PT-6 engine technicians advanced operational theory and hands-on maintenance training in order to establish a solid craftsman foundation, with extensive knowledge on intermediate level maintenance repair skills. The student will analyze facts and draw conclusions related to operation and troubleshooting of the PT-6 engine and engine systems. Students are required to pass a written and or performance test at the end of certain blocks prior to advancement to the next block of instruction.

COURSE DESCRIPTION

- BLOCK I PT-6 ENGINE FAMILIARIZATION This block begins with a course introduction, in which students learn about the academy's policies and procedures along with academic requirements. Subsequently, students are given an orientation of the aircraft and engine maintenance campus and academic objective requirements. Immediately afterwards, students receive a thorough description of the PT-6 engine main sections, engine air system, engine lubrication system, engine start system, engine fuel system, engine controls and instruments. Finally, the students are given a comprehensive written examination covering everything learned throughout this block of instruction.
- BLOCK II HOT SECTION INSPECTION AND MAINTENANCE This block covers full engine teardown and build up procedures. This includes hot section inspection, and general inspection procedures, engine power section removal, compressor turbine segment measurement and grinding procedures, and installation of the gearbox and external components. This block of instruction concludes with a written exam and course assessment

PUBLIC AFFAIRS SUPERVISOR - MASL : B164593

This course consolidates the Public Affairs Supervisor Course and Advanced Public Affairs Supervisor Course. It updates tasks and supporting materials placing greater emphasis on leadership and management concerns in the Joint Operations arena. Its target audience is mid-level and senior public affairs specialists from all branches of the Armed Forces. The course provides instruction in enhanced public affairs skills, training methods and management techniques for noncommissioned officers and civilian employees. The training focuses on tools for measuring effective public affairs programs, assessing markets for public information, media operations, resource management, and emerging trends in PA and military communications.

QUALITY CONTROL/ACFT - MASL : D148097

Provides training in the knowledge and skills necessary to perform various duties within a Quality Assurance (QA) organization. Training includes: responsibilities of the Quality Assurance Flight, QA programs and assessments including the Quality Assurance Program (QAP), Product Improvement Program, Quality Assurance concepts, and USAF Publications Systems including technical orders and Time Compliance Technical Orders (TCTO).

QUALITY MANAGEMENT PROGRAM - MASL : P162376

Provides the necessary knowledge to effectively manage a quality assurance program within an intermediate maintenance activity.

QUARTERMASTER BASIC OFFICER LEADER - MASL : B121280

Unit management tasks; tactical logistics operations; leadership; supply support activity procedures; trial delivery and field services; petroleum and water operations, and subsistence.

QUARTERMASTER/CHEMICAL EQUIP RPR - MASL : B148380

Performance of unit, direct and general support maintenance on laundry, bath equipment, pumps, engines, burner equipment, decontamination equipment, filters units, smoke generators, water purification equipment and basic knowledge and skills training.

R-25 FUEL SYS OPER - MASL : D314301

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

RADAR REPAIRER - MASL : B148390

An intensive course in basic electronics, digital technology, and advanced electronic theory. Provides training on Warrior Tasks and Battle Drills.

RADAR REPAIRER/TPQ-37 - MASL : B148393

Basic digital, computer and radar fundamentals; test, troubleshoot and fault isolate defective component(s); and perform required Organization, Direct and General Support level maintenance troubleshooting, repair and alignments. Provides training on Warrior Tasks and Battle Drills.

RADIO REPAIRER ONLY - MASL : B137200

Perform direct support, general support, and depot level maintenance on tactical and semi-fixed communications equipment and systems, and repair COMSEC equipment by substitution of pluggable assemblies at the direct support level. Perform direct support, general support, and depot level maintenance on tactical and semi-fixed communications equipment and systems, and repair COMSEC equipment by substitution of pluggable assemblies at the direct support level.

RADIOLOGICAL SAFETY - MASL : B127053

This 120 hour course provides an in-depth knowledge of the calculations involving the shielding of beta and gamma radiation, decay and the half-life concept. It also provides the student with the opportunity to learn decontamination procedures using open source radioactive nuclides deposited on a variety of materials in a laboratory environment under strict supervision of the instructors. The student also obtains a working knowledge of fundamental radiological safety principles for ionizing and non-ionizing radiation, to include storage, handling, transportation, disposal, reporting, control, and general precautions for depleted Uranium, Tritium, X-rays, microwaves, and lasers. Students gain hands-on experience with scalar counters and a variety of other instruments. This course will qualify an individual as an Installation Radiation Protection Officer.

RADIOMAN USCG - MASL : P145296

This course trains personnel in the knowledge and skills required of a Third Class Boatswain Mate. The course is intended for non-rated personnel (E-1 to E-3) with little or no related experience. Training includes physical fitness, leadership, first aid, and underway operations for cutters and small boats (primarily 41-foot) including basic marlinespike seamanship, deck seamanship, underway operations (cutters and small boats), navigation rules, communications, piloting and navigation, anchoring, firefighting and dewatering, egress from capsized vessel, open-water survival techniques, aids to navigation, rescue and survival equipment and procedures, personnel rescue and evacuation, towing and assistance operations, and basic visual signaling.

Prerequisites: None.

RAM-AIR PARACHUTE SYSTEMS - MASL : B152398

Personnel will receive instruction on packing and inspection procedures of the Ram-Air parachute systems. Personnel will receive instruction on packing and inspection procedures of the Ram-Air parachute systems.

RANGER - MASL : B121181

The Ranger Course consists of three phases. The first phase, (Benning), is conducted at Fort Benning, Georgia for 20 days. The second, phase (Mountain), is conducted near Dahlonega in the mountains of North Georgia for 21 days. The third and final phase, (Swamp/Jungle/Urban), is conducted at Eglin Air Force Base in the North Western Florida for 18 days. Two days at the end of the course are used for out processing and graduation.

RC NATIONAL SECURITY - MASL : B172632

The RCNSC is a two-week course designed to enhance appreciation for and understanding of the factors on which national security is based, its development process, and the allocation and management of defense resources in support of national security policy. The RCNSC lays a foundation for students moving on to joint command management and staff responsibilities in a multinational, intergovernmental or joint national security setting. The curriculum consists of lectures, panel discussions, seminars, on-site visits and simulation exercises dealing with national security policy and defense resource management. The presenters are faculty members of the National War College, the Industrial College of the Armed Forces, the Joint Forces Staff College, the Information Resources Management College, and other distinguished speakers.

RECRUIT DIV CDR - MASL : P166023

RECRUIT DIVISION COMMANDERS SCHOOL

To train enlisted personnel, E-5 - E-9, to effectively undertake the basic military training of a division of naval recruits, facilitating 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.

RECRUITER - MASL : D162025

Provides training for selected Air Force personnel (SDI 8R000) in the knowledge and skills necessary to perform duties as recruiters. Includes speech fundamentals and delivery of a persuasive speech, sales fundamentals and making a sales presentation, eligibility requirements, applicant processing and classification, delayed enlistment program, advertising and promotion, telephone techniques, management of recruiter activities, recruiter-related safety, stress management, and AFRISS computer functions including familiarization, lead management, files management, electronic mail, and files maintenance.

RECRUITING COMPANY COMMANDER - MASL : B162003

Curriculum designed to provide training in the principles of sales, time management, personnel procurement, analysis, and market penetration.

REFR SURV TRNG EJECT SEAT - MASL : P117415

REFRESHER SURVIVAL TRAINING FOR AIRCREW FLYING EJECTION SEAT EQUIPPED AIRCRAFT (R1/RP1)

Provides platform-specific scenario-based survival refresher training for aircrew flying ejection seat equipped aircraft. Combines courses B-9E-1224 (NAWSTP R-1) and B-322-0041 (TAC JET REFTRA).

Scope: Includes overview of the Naval Aviation Survival Training Program; classroom instruction on stress and human performance; classroom presentations and laboratory evolutions to include aviation physiology, parachute descent/landing/drag procedures, ejection seat training, sensory physiology, Combat/Survival First Aid (SELF), aviation life support systems, signaling devices, aviation survival swim skills, underwater problem solving skills, multiplace aircraft underwater egress skills, extended sea survival, life raft organization, rescue procedures and a written final examination.

REFRIGERATOR AND AIR COND - MASL : P145414

This advanced level course teaches specific machinery and related systems.

Prerequisite: Completion of Machinery Technician A (P122219) or equivalent experience.

Note: Students must have, or report with, sufficient funds (approximately USD 60) to purchase, steel-toed safety shoes for participation in this course.

REFUELING TRAINING - MASL : D301033

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country, but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

REPRODUCTION EQUIP RPR - MASL : B149084

Troubleshooting and repair of major items of lithographic equipment. Orientation on unique equipment found in the different services.

RESEARCH ONLY PROGRAM - MASL : P179914

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.

RESIDENCE IN AEROSP MED II - MASL : D175105

Provides advanced training in aerospace, occupational medicine, and general preventive medicine leading to eligibility for certification by the American Board of Preventive Medicine in aerospace medicine plus either occupational medicine or general preventive medicine. The residency consists of the following:

- One academic year (Phase I) of graduate study in preventive medicine at a school of public health accredited by the Council on Education for Public Health (CEPH), culminating in a Masters of Public Health (MPH) degree. This year includes training in epidemiology, public health, biostatistics, toxicology, and other required subjects as specified by the school of public health.
- One aerospace medicine practicum year (Phase II) accredited by the Accreditation Council for Graduate Medical Education (ACGME) at the USAF School of Aerospace Medicine. This year includes training in aerospace physiology, aircrew selection, health maintenance of patients, health administration and management, aeromedical research, operational support, medical officer flight familiarization training, basic combat survival training, water survival training, aircraft mishap investigation, and clinical aerospace medicine, space medicine, community and international health, and hyperbaric medicine.
- One occupational medicine practicum year, or alternatively, one general preventive medicine year (Phase III) at the USAF School of Aerospace Medicine. This year includes training in clinical occupational medicine, preventive medicine, public health, and occupational health administration and management. Residents may select a curriculum track leading to board eligibility in either occupational medicine or general preventive medicine.

Objectives: Prepare selected flight surgeons to accomplish all aspects of operational medicine support to include the practice of aerospace and general preventive medicine to be authorities in the fields of aerospace, occupational, and general preventive medicine, and to be board certified by the American Board of Preventive Medicine (ABPM) in those fields. Residents who are Doctors of Osteopathy (DO) and have not met ABPM clinical year requirements for board eligibility are expected to challenge the corresponding board examinations offered by the American Osteopathic Board of Preventive Medicine (AOBPM).

RESOURCE MANAGEMENT BUDGET - MASL : B156542

Budgeting at all levels from activity to congressional level in different appropriations or commands.

Special Information: This is a Distance Learning Phase and is web-based. Students will access the training through the Reimer Digital Library and register through the Army Training Requirements and Resources System (ATRRS). Course is asynchronous, consisting of 64 hours. Maximum allowable time to complete is 180 days.

RESOURCE PLN/MGT INTDEF MS - MASL : P179905

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.

RISK ANALYSIS - MASL : B151804

This course is a comprehensive introduction to the qualitative and quantitative methodologies for conducting a risk analysis of a project or program. Practical experience is gained using actual case studies, which have been adapted for instructional purposes. Specific subjects include brief reviews of probability and decision theory; introduction to networking and simulation

techniques and software; and integrative practice through small group workshops based on actual case studies. (Note that the current 1-week course is roughly equivalent to the second week of ALMC's former 2-week Decision Risk Analysis Course, DRAC, formerly ALMC-DA.)

RIVERINE OPS PLANNING - MASL : P145909

Provides designated junior officers and senior enlisted personnel the specialized training necessary to safely and effectively plan and execute patrol craft missions in a riverine environment. Consists of an overview of riverine patrol craft engineering and component systems with instruction in riverine unit organization and missions, basic riverine operations planning, seamanship, navigation, communications, weapons, riverine patrol techniques, principles of board and search, emergency drills, first aid, basic human rights and maritime law enforcement.

ROKN SUB WARFARE - MASL : P135455

This course of instruction is intended to provide Submarine Force personnel specialized classroom training on various tactical and operational topics. Scope: Training topics include Submarine Fire Control Operations, SONAR, Plots, Periscope Skills, Undersea Warfare, Surface Warfare, and Littoral Operations.

NOTE: Please contact NSTCP for specific requests for training.

ROLAND & ASSOC MONTEREY CA - MASL : B178090

This MASL is used when Contractor Services for Roland & Associates Monterey California is programmed.

ROTARY WING PILOT - MASL : P118301

To provide 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.

MASLs P117431 and P117433 should be programmed whenever NAVAIR MASL s P118001/118300/118301/118302 are programmed.

RSNF AVIATION PREP SCHOOL - MASL : P119311

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.

RSNF STUDENT ADMIN - MASL : PADMIN1

RSNF STUDENT ADMIN

RSNF STUDENT LEAVE - MASL : PLEAVE1

LEAVE TIME - STUDENT

RULE LAW&DISCP MIL OPS FOT - MASL : D176006

The objective of this course is to teach international officers and NCOs of any military force the basics of the international rules of law and their impact on human rights, including how these international standards fit into the planning of military operations. This information is vital to any country that may participate in international peacekeeping missions sponsored by the United Nations. This is an Expanded International Military and Education Training course offered between periods A and B, B and C, and if the schedule permits, at the end of C period.

COURSE DESCRIPTION The Defense Institute of International Legal Studies, a detachment of the US Naval Justice School, teaches this course at the academy. The course is a week-long guided discussion seminar conducted by Spanish speaking JAGs of the US Air Force with no final exam. Subjects of discussion include rules of engagement, the law of armed conflict, the role of a military justice system, and human rights. Depending on availability, the students will spend an afternoon visiting an actual military courtroom located at Lackland AFB, TX.

RULE OF LAW&DISCP MIL OPS - MASL : P176038

The International Maritime Officers Course (P171575) contains this 1-week (32-hour) course on international law, human rights, law of the sea, military justice, law of war, and rules of engagement for international students attending U.S. military schools. It combines lecture presentations by experienced USCG and Navy judge advocates with interactive discussion problems to engage international students in analysis and application of the principles advocated by the Expanded International Military Education and Training (E-IMET) initiative. Because the target audience for International Maritime

Officers Course (IMOC) is maritime officers, the curriculum is adapted especially for naval officers and includes material on maritime legal issues. Although this course is part of the IMOC curriculum, international students also can sign up to attend this course separately.

Prerequisites: None.

RULE OF LAW&DISCP MIL OPS - MASL : P176036

This course Provides line officers and senior enlisted personnel of any international military the basics of the rule of law, its impact on human rights, and how these considerations fit into the planning and conduct of military operations. The course includes consideration of such fundamental concerns as the Rules of Engagement, the Law of Armed Conflict, and the role of military justice system in the accomplishment of disciplined operations. U.S. Military Judge Advocates who utilize a DIILS curriculum teach this course.

SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

RUSS/CENT EUR CENT ASIA OC - MASL : D126017

NONE.

RW INST FLT EXAM -EN - MASL : B115023

Instrument, instrument instructor, and instrument flight examiner training to include: basic and advanced instrument flight and emergency tasks, and instrument instructor and flight examiner techniques. Academic instruction includes: regulations for Army aircraft, flight plans, air traffic control, instrument approach criteria, cockpit communications, and fundamentals of instruction.

RW INST FLT EXAM-ALL - MASL : B115017

Course provides for instrument, instrument instructor, and instrument flight examiner training to include: basic and advanced instrument flight and emergency tasks, and instrument instructor and flight examiner techniques. Academic instruction includes: regulations for Army aircraft, flight plans, air traffic control, instrument approach criteria, cockpit communications, and fundamentals of instruction.

RW INSTRUMENT-GERMANY - MASL : B113003

This course is designed to provide the student with the necessary skills and knowledge required to achieve pilot qualifications necessary for the safe operation of helicopters during actual or simulated instrument conditions. Includes training in the mental and physical skills required for the accomplishment of pilot duties through instruction in aircraft systems, communication, navigation, flight training, and safety.

S/P AIR SICK DESENSITIZE - MASL : P175305

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.

SAFE BOAT FAM & INDOC - MASL : P121041

The four-week manufacturer course will provide operational familiarization and indoctrination into the unique capabilities of the Defender Class Response Boat Small (RBS) and the Arch Angel Class Fast Response Boat (FRB). This course is intended for countries that have purchased RBS ad FRB assets.

SAFETY SPECL - MASL : D122023

Provides training for Air Force, ANG, and AF Reserve personnel to perform duties as a safety apprentice in USAF safety program(s). Training areas includes: Safety Career Field, Education, Training and Publications--Local Traffic Conditions, Safety Career Field Orientation, Security, Safety Functions, Publications, Safety Education, Traffic Safety Programs, Safety Training, Conduct Safety Presentations, Written Test and Critique; The USAF Mishap Prevention & Occupational Safety, Fire Prevention, and Health (AFOSH) Program--Programs Content, Safety Elements, Product Purchases, Contract Safety, Hazard Abatement, Safety Councils and Committees, Support Agreements and Plans, Safety Criteria For Blueprints, Operational Risk Management (ORM) Program; Mishap Investigations and Reporting--Responsibilities, Human Factors, Review

Information, Air Force Safety Automated System, Investigation and Reporting, Assemble Formal Reports, Post-Report Activities, USAF Deficiency Reporting System; Safety Inspections, Assessments, and Staff Assistance Visits--Objectives, Methodology, Preparation, and Frequency, Post Report Activities, General Safety Criteria, Confined Spaces, Lock-Out/Tag-Out Procedures; Industrial and Non-Industrial Areas--Industrial Areas, Weapons Areas, Flight Line Areas, Non-Industrial Areas, Perform Safety Inspection, Prepare Safety Inspection Report.

SAL-SOFTWARE ACQUISITION LEADERSIHP - MASL : B155496

This course provides comprehensive insight into the risks and issues associated with developing and implementing complex software systems. Students will examine the risks, problems, and issues that challenge large or complex software acquisition, integration, or development efforts and evaluate strategies, methods, and tools to achieve successful program outcomes. Specific areas of focus include software development methods, tools and best practices, software-unique testing and architecture issues, and software assurance challenges and issues. This course provides comprehensive insight into the risks and issues associated with developing and implementing complex software systems. Students will examine the risks, problems, and issues that challenge large or complex software acquisition, integration, or development efforts and evaluate strategies, methods, and tools to achieve successful program outcomes. Specific areas of focus include software development methods, tools and best practices, software-unique testing and architecture issues, and software assurance challenges and issues.

SAP ORIENTATION - MASL : P179813

Special Access Program Orientation SA101.01

Introduces students to Department of Defense (DoD) Special Access Programs (SAPs). The course describes the SAP environment and discusses the interaction among the executive, legislative and judicial branches of government in establishing SAP policy. The roles and responsibilities of oversight and support offices and agencies, and mandatory SAP requirements are reviewed. Lessons address security enhancements, annual reviews, inspections and audits. This orientation is offered in residence or as a field extension course.

Prerequisites: Recommended successful completion of--

- OPSEC Fundamentals (OPSE 1301) (offered by another agency)
- Introduc to Personnel Security Management P279221 (WEB-BASED)
- Basic Information Security (IF001.08) P279222 (WEB-BASED)
- Marking Classified Information P279220 (WEB BASED)
- Basic Industrial Security for User Agency Personnel (IS001.08)
- Essentials of Industrial Security Management (IS002.08)
- Protecting Secret and Confidential Documents (IS003.08)
- DoD Personnel Security Adjudication (PS001.08) Independent Study courses.

Course Requirements: Full-time attendance at all sessions and participation in practical exercises.

SATCOM SYSTEMS OPER-MAINTAINER (STRAT-1) - MASL : B137192

Provide an introductory level student with a fundamental knowledge of the operation and maintenance of SATCOM terminals and attend a Brigade-wide Capstone Field Training Exercise (FTX) upon graduation to reinforce the Warrior Ethos Combat Skills.

SATCOM SYSTEMS OPER-MAINTAINER (TACT-2) - MASL : B137195

Provide Active Army and Reserve Component personnel the skills and knowledge required for operating, configuring, maintaining, troubleshooting, and repairing tactical satellite communications terminals AN/TSC-85(V) and AN/TSC-93(V).

SATCOM SYSTEMS OPER-MAINTAINER COMMON CORE - MASL : B137191

Provide an introductory level student with a fundamental knowledge of the operation and maintenance of Satellite Communications terminals and associated equipment. During Phase 1 of the 25S Course, the student will receive training on basic electronics principles, the Satellite Principles Transformation Trainer, Digital Communications Satellite Subsystem (DCSS) and STEP Operation and Maintenance, Network Operations, Midas Operations and the Switch Multiplexer Unit (SMU).

SATELLITE SYSTEMS/NETWORK COORDINATOR - MASL : B132486

The scope of training includes operating the following major systems, subsystems, equipment and software: DSCS ECCM Control Subsystem Control Console (DECS-CC) AN/FSC-115 and DSCS ECCM Control Subsystem Remote Control (DECS-RC) AN/GSC-63; Frequency Division Multiple Access equipment; DSCS FDMA Control Subsystem Network Control Terminal (DFCS-NCT) AN/FSC-96 and DSCS FDMA Control Subsystem Network Terminal (DFCS-NT) AN/GSC-51, network monitoring equipment ; DSCS Operational Support Subsystem (DOSS) AN/FYQ-110A and DSCS Automatic Spectrum Analyzer (DASA) AN/FSQ 142, Objective DSCS Operations Center Subsystem (ODOCS), DSCS Network Planning Software (DNPS), Spectrum Plotting Utility (SPU); Replacement FM Orderwire Equipment (RFMOW); DSCS Integrated Management Software (DIMS) System; and Global Terrestrial Critical Control Circuit System (GTC3S).

Special Information:

Course must be taught in the sequence established in the POI.

SCH OF NAT'L SEC STRAT STU - MASL : B171798

Selected senior military officers will be given a unique opportunity to view a rapidly changing world in a strategic perspective. While the world is threatened by global terrorism, its impacts are unique to each country. Each must plan deliberately to counter the threat of terrorism to its stability. The Program will ask Fellows to consider in their coursework questions such as: How does the military change to meet the challenges of global terrorism? What is the role of the military in protecting the homeland from the threat of terrorists?

The program will emphasize the role of U.S. ties, the impact of military professionalism, and the challenges and opportunities of civil-military cooperation in an environment where terrorists are resourceful and adaptable in their efforts to exploit weaknesses across the globe.

Fellows will be given a broad, strategic perspective on fighting terrorism with a particular emphasis on the historical, political, economic, organizational, social, psychological and judicial aspects of counterterrorism.

Courses:

A six-course program will take place over two terms, for a total of some 30 weeks.

Each course will be taught in a seminar setting of some 16 students comparable to a graduate course. The courses will emphasize leadership, logical analysis, understanding alternative viewpoints, and making effective arguments, presentations, and decisions. An understanding of strategic thinking, decision analysis, organizational behavior, and conflict management will be developed through discussions and coursework.

Courses will include outside activities such as class visits to sites such as Joint Forces Command, Gettysburg, and Congress to build understanding of concepts developed in the classroom.

Specific courses will include:

- Foundations & Issues of Homeland Defense
- Nation-building
- The War On Terrorism
- Force and Statecraft
- Issues for Defense Organizations and Homeland Security
- Threats and Risks
- Economics and Budgets
- The Role of Law in Counter-Terrorism and Homeland Security
- Military Leadership and Civil-Military Cooperation
- Countering Terror in Different Nations: A Comparative Perspective
- Geostrategy (Regional and Global Politics and Influences)
- Information Operations and Knowledge Management

Concentrations will be available in Homeland Security and Defense Transformation.

The program will award the Fellow a Certificate in National Security Studies upon completion of six required and elective courses.

Information Program: The CT Fellowship program at SNSEE will include a robust information program that will take students to places of social, historical, cultural value so that they return to their countries with a greater appreciation for the United States and its institutions. Students will be expected to participate in IP travel as a requirement of the program.

SCHL OF ADV AIR/SPC STDIES - MASL : D171043

Prepares Air Force staff officers and future commanders to shape airpower strategy in its role of supporting national security. Building on the curricula and themes of resident Intermediate Development Education (IDE), the School of Advanced Airpower Studies (SAAS) examines the historical record of airpower in the context of western military theory, considers airpower's human, theoretical, economic, and technological facets, and focuses on the use of airpower across the operational spectrum of war. A very competitive record is required. Further, students must possess both the ability and the willingness to complete a graduate level program of reading, colloquia, research, and writing. Successful completion of SAASS results in award of Master of Airpower Art and Science degree.

SCHOOL OF ADV WARFIGHTING - MASL : P171806

The School of Advanced Warfighting (SAW) is designed to provide the nation with leaders who can help shape the Marine Corps to meet the needs of the future. It is graduate-level, military education tailored to amplify and complement the comprehensive foundations in Warfighting experienced during the 47-week Command and Staff College (CSC) curriculum. This follow-on course for selected graduates of CSC focuses on the link between Warfighting and Warplanning, or preparation for war. Utilizing a dynamic curriculum and an active methodology, SAW specially prepares its students for significant roles in the future preparation of armed forces for success in war, should the nation require that end.

SCOUT PLATOON LEADER - MASL : B144577

Using constructive, virtual, live and computer based training, this course will emphasize the graduates ability to identify and operate within the contemporary operating environment (COE), applying the skills, knowledge and capabilities necessary to ascertain and communicate the nature of the threat with respect to the operating environment to ensure mission success. Students will conduct intelligence preparation of the battlefield by integrating information on the enemy, weather, and terrain to provide the basis for situational development, target value analysis and collection, and reconnaissance and surveillance planning essential to the battlefield decision-making process. Practical exercises will require students to plan and conduct advance reconnaissance and security missions on linear and nonlinear modern day battlefields, preparing them to fulfill their responsibility to the maneuver commander for the collection, assessment, and accurate reporting of battlefield information that enables the commander to make critical decisions. Students will become tactically and technically proficient in all aspects of mounted and dismounted reconnaissance and security operations, to include but not limited to, evaluating routes and obstructions; calculation, designation and placement of demolitions; tactical questioning; missions and organizations; plan, prepare and brief an operations order; troop leading procedures; urban area and multi-dimensional reconnaissance; and stability and support operations in a high OPTEMPO environment. Furthermore, the intensity and rigor of this course has been increased by the addition of computer-based training that extends the training day during the first eight days so that students receive a greater training value without sacrificing time from the force.

SCOUT SNIPER ADV - MASL : P122294

Contact Security Cooperation Education and Training Center (SCETC) Country Program Manager for additional information.

SCOUT SNIPER BASIC (SSB) - MASL : P122296

Contact Security Cooperation Education and Training Center (SCETC) Country Program Manager for additional information.

SCOUT SNIPER BASIC (SSB) - MASL : P122293

Contact Security Cooperation Education and Training Center (SCETC) Country Program Manager for additional information.

SCOUT SNIPER PLATOON CMDR - MASL : P122262

Contact Security Cooperation Education and Training Center (SCETC) Country Program Manager for additional information.

SDV ELECTRONIC MAINTENANCE - MASL : P145951

To teach Electronic Technicians to maintain, troubleshoot and repair all electronic systems to the board level in MK-8 SDV.

SCOPE: Graduates must be able to maintain, troubleshoot and repair electronic systems to associated SDVs under all conditions of readiness.

SDV HULL MAINTENANCE - MASL : P145950

To provide personnel assigned to SDV Commands with specialized instruction and training necessary to repair Naval Special Warfare MK-8 SEAL Delivery Vehicles (SDV s) and associated support equipment.

SCOPE: Instruction in fiberglass repair, corrective/preventive maintenance in the hull, mechanical and electrical sub-systems; hazardous materials relative to SDVs, pre/post dive maintenance and safety checks constitute the main thrust of this course. Actual repair and maintenance of SDVs will be performed.

PREREQUISITES: Must be assigned to a SDV Team. Must bring current respirator card and proof of enrollment in command‘s Navy Occupational Safety and Health (NAVOSH) respiratory program.

SDV OPERATOR TRNG - MASL : P124350

To train SEAL officer and enlisted personnel of the U.S. Navy in the operation of the MK-8 SEAL Delivery Vehicles (SDV).

SCOPE: The two phases of the course consist of the following:

1. Classroom instruction on theory and design characteristics (2 weeks).
2. Practical phase consisting of driving, navigating and maintaining the MK-8 SDV (8 weeks).

SEAPORT SECURITY ANTI-TERR - MASL : P179289

This course is designed to instruct personnel in anti-terrorism awareness and how to prepare security and contingency plans in a port environment to prevent terrorist and criminal activity. Students are taught through lecture and practical exercises. The program examines the types of ports, cargo handling procedures and recommended security measures necessary for prevention of terrorist and criminal activity. The course introduces the student to the phenomenon of contemporary terrorism and its impact on the world scene. It explores terrorist behavior, their organizations, and the means by which these organizations acquire financial and logistical support. Course discussions and exercises include hostage situations, tactical considerations, port survey and inspections, physical equipment and hazardous materials security, defensive boat tactics, bombs and explosive devices, media considerations, security and contingency planning, and crisis management. This course also examines the appropriate use of force and weapons.

Prerequisites: Students should bring Secret Clearance information (letter from command stating member s clearance) to first day of class.

Note: The U.S. Department of Treasury Federal Law Enforcement Training Center (FLETC) provides instruction for the course.

SEARCH/RESCUE INLAND PLNG - MASL : P116035

U.S. Air Force instructors present this 5-day course, which provides a comprehensive graduate-level look at search theory and its application to land and air searches for missing persons and aircraft, with a focus on wilderness, not urban, searches. The course consists of classroom lessons and practical tabletop exercises only. Emphasis is placed on the planning necessary for effective area-type searching during an extended search, using probability of success (POS), to allocate limited resources to their best effect productively. Additional topics include search area development, effort allocation, an overview of the National Interagency Incident Management System (NIIMS) and Incident Command System (ICS), the federal role in search and rescue (SAR), and related subjects. The course does not teach search tactics or technical procedures. Classes are held at selected locations around the United States approximately 10 times per year.

Prerequisites: A firm grounding in SAR terminology and employment techniques, practical SAR experience, basic arithmetic and calculators skills, and an understanding of local SAR mission management requirements.

Note: The course is directed to SAR leaders in federal, state, and local emergency services and law enforcement, as well as Civil Air Patrol, international, and volunteer SAR agencies. The target audience includes on-scene incident commanders and their planners, operations leaders, and up-channel reporting chain.

SEARCH/RESCUE MARITIME - MASL : P173100

Students receive training in oceanic and coastal search planning techniques, in the performing of duty as SAR Mission Coordinator (SMC), and in using SAR-PC software, which is available for purchase. This course does not train students in on-scene procedures, but emphasizes SAR planning and coordination. Instruction follows the sequential stages of the SAR system as organized by the U.S. National SAR Manual, including awareness, initial actions, search planning, search operations, and mission conclusion. Several mathematical models are used to calculate ocean drift forces, determine search datum, and allocate available search units. The course is difficult and intense, and requires many hours of homework for

completion. The international student will train alongside his/her U.S. counterpart who is typically en route from an operational SAR unit to duty at a Maritime Rescue Coordination Center or Rescue Sub-center.

Prerequisites: This course requires previous experience in SAR operations, and proficiency in marine plotting, navigation, and mathematics (algebra and basic trigonometry). Proficiency with vector addition on maneuvering boards is a desired skill. Students will be required to operate hand-held calculators and must be proficient with personal computers. Note: Students can be either officers or enlisted personnel assigned to duty as controller or assistant controller at a maritime rescue coordination center or rescue sub-center.

Completion of this course will certify student(s) as National Search and Rescue School (NSAR) qualified.

SARPC software will not be provided directly to students attending this course.

SEC ASST MGT CRS-LOG CUST - MASL : D178238

The Logistics/Customer Support Course (SAM-CS) is designed to provide personnel who are directly involved in or concerned with foreign military sales (FMS) requisitions and materiel movement with a comprehensive understanding and application of the policies, procedures, systems and actions necessary to move FMS materiel from its initial requisition to its shipment to the customer's final destination. The objective is to understand the functions of key organizations involved in materiel distribution, to include the International Logistics Control Organizations (ILCOs), Defense Logistics Agency (DLA), contractors and freight forwarders. Students will understand how to identify the proper procedures for processing requisitions, and the handling and movement of security assistance (SA) program materiel, with an objective of reducing or preventing deficiencies in the FMS materiel distribution process. The course focuses on specific aspects of logistics such as the integration of the elements of the total package approach, requisition processing, requirements determination, details of military standards, with an emphasis on shipping and transportation considerations throughout the FMS case and requisition life cycle. The course emphasizes the responsibilities and relationships between the case managers at the ILCOs, with the weapon system program manager, the contract administrative office, the military departments (MILDEP) and DLA item managers, the transportation coordinator, the freight forwarder, and the customer. The course will focus on reducing frustrated and misdirected shipments, reducing supply discrepancy reports, and improving case reconciliation. This course earns 30 continuous learning points for members of the acquisition workforce.

SEC ASST MGT OC - MASL : D178258

SAM-OC is an entry-level course designed primarily for personnel who are new to the security assistance (SA) field, or who perform security assistance duties on a part-time basis. It provides an overview of the full range of security assistance activities, to include legislation, policy, foreign military sales (FMS) process, logistics, finance, and training management. The course offers the advantage of immediate training for employees as soon as they are assigned to a security assistance position, rather than waiting for the next scheduled DISAM resident course. Graduates of SAM-OC who require more training in SA should be scheduled for the two-week SAM-C course, or other follow-on instruction as determined by their supervisor and DISAM. For most personnel, SAM-OC should not be considered a substitute for initial DISAM SA education, but can always be used as a precursor to any appropriate DISAM course (i.e., the SAM-C, SAM-O, SAM-E, or SAM-F). For foreign personnel, especially those new to SA, SAM-OC would be beneficial prior to attendance at a resident SAM-F course, although it is not a prerequisite. This course is also ideal as a refresher for personnel who are returning to SA. The familiarization with basic terms and concepts of SA and cooperation will ultimately be very beneficial to students when supplemented with a DISAM resident course.

SAM-OC is an on-line distance learning course that contains 12 lessons, on topics in functional areas of security assistance management. In progressing through each lesson the student will be able to view graphics with key instructional points; listen to the instructor narrate text and address points on a graphic; and follow along by reading the text of the instructor's remarks at the bottom of the screen. Lessons are divided into short segments varying in length. During each lesson, students can play a lesson from start to finish, but can also use navigation features to go directly to any specific area in a lesson. Each lesson has a built-in e-mail link to the DISAM faculty, which will allow student communication with the instructor in the event a student has a question or concern about the material. Students may register for the course at anytime and progress at their own speed. The course takes about 27 hours to complete and includes three timed 30-minute open book quizzes and a course evaluation, which are taken on-line. In order to receive a certificate of completion, students are required to achieve an overall average score of 70 per cent and complete the course within a 90 day period. Registered students may take the course during duty hours or at home, depending on their supervisor's guidance and their personal preference. This course earns 25 continuous learning points for members of the defense acquisition work force.

SEC ASST MGT-STUDENT PURCH - MASL : D178088

The Foreign Purchaser Course (SAM-F) is designed to address the planning and resource processes of requirements generation, budgeting, acquisition, and sustainment within a United States host country security assistance relationship. It provides students an opportunity to study U.S. laws, policies, and procedures governing the security assistance program. General course objectives are fourfold: to increase student understanding of the management of U.S. security assistance resources; to improve student knowledge of their responsibilities as individual security assistance resource managers; to enhance communications between purchaser/recipient country security assistance agencies and U.S. supporting agencies, thereby enhancing the overall efficiency of security assistance management; and to demonstrate the role of security assistance within the context of a civilian controlled military. This course is designed for security assistance managers representing international purchaser and recipient countries, international organizations, and international employees of U.S. security assistance organizations (SAOs) overseas. The course is tailored to present the significant aspects of the foreign military sales (FMS) program and the management concerns of purchaser/recipient countries. In addition to the two-week resident SAM-F course, a comparable course may be provided overseas through the use of a DISAM Mobile Education Team (MET). See the MET section of this catalog, for SAM MET data. A variety of educational techniques are employed. To reinforce the lectures and reading material, a number of practical exercises are woven into the curriculum.

SECURITY FORCES APPR CRS - MASL : D173071

The SF Apprentice Course trains SF personnel to perform the duties of a SF Apprentice. Training includes application of IBD operations, nuclear/nonnuclear security, convoy operations (nuclear/conventional and humanitarian), response force, alarm response, installation entry control, area/building/vehicles, high-threat entry, authority and jurisdiction, advisement of rights, installation patrol, recapture/recovery operations, verbal control judo, expandable baton, land navigation (topographical map and grip map), military working dog operations, sentry duties, secure prisoners, interview persons, restricted area security, launch facility response force tactics, expanded weapons use and tactics (M9 Handgun, M4 Carbine, M203 Grenade Launcher, M240B Grenade Launcher, M240B Machine Gun, M249 Squad Automatic Weapon), force protection/participation in homeland defense, individual physical apprehension and restraint techniques, participation in F operations, extensive tactical response force in a Mission Rehearsal Area (MRA) and MOUT, use of non-lethal weapons, career field history, training and supervision, force protection, operations security threats to USAF installations and resources, legal considerations and provisions, general security forces duties, application of force, contingency operations, and SF operations.

SECURITY POLICE OFF/MAP - MASL : D173006

NOTE: This course number change is in support of TC's new course numbering change only. (Old course number: L3OBR31P1-006)

All training is conducted at Camp Bullis, TX with the exception of 8 days at Lackland for specific lab use. Course content includes some of the following: weapons qualification on the M9 and M4, SF history, guard mount, military law, SF career path, use of force, apprehension, personal and vehicle challenges, crime scenes, AF protection level system, restricted area/controlled area physical security, installation entry control, threat conditions, response force duties, missile security, concepts and principles of air base defense, individual and unit tactical training, ground defense planning, close air support, indirect fire operations, military operations in urban terrain, troop leading procedures, patrolling, tactical communications, and defensive fighting positions.

SECURITY SPEC/ABGD/CERTIFY - MASL : D173056

This course is designed for security forces personnel (defenders) of any branch charged to protect key resources in the field needed to sustain air operations during peacetime or contingencies. It will take the novice security forces member from a basic understanding of force protection and air base defense, to a mid-level understanding on why and how to protect resources. Classroom instruction is augmented by intense field training exercises, which simulate patrol and urban defense operations. This course benefits anyone interested in force protection, regardless of experience. Students will learn the latest in force protection methodology. Suggested ranks are airman to company grade officers or civilian equivalents.

COURSE DESCRIPTION

- BLOCK I - GROUND DEFENSE SKILLS The student is taught the primary objectives of active ground defense in which concepts and principles/threat spectrum, fundaments of defense, measures and techniques used in the field to control and combat the enemy are learned. The handling of prisoners of war, rules of engagement and law of armed conflict are covered in accordance with international human rights agreements. In tactical communications and use of brevity codes, the student is shown how to install a tactical net and how to encode and decode messages. Students are

also taught how to select cross-country routes, what actions to take on enemy contact, introduction to night training and elementary night movement, routines in defense, patrolling and land navigation. Other topics in this block include: personal hygiene and field sanitation, hand grenades, tactical vehicle deployment, camouflage individual/equipment, listening/observation posts, range determination, warning/operations orders, hand and arm signals, cover and concealment, illumination and night observation devices, tactical sentry duties, move under direct fire/move over, through, and around obstacles, tactical vehicle deployment, and electronic security system concept of operation.

- BLOCK II - GROUND DEFENSE SKILLS/WEAPONS/FTX In this block the defender is taught how to select cross-country routes, what actions to take on enemy contact, introduction to night training and elementary night movement, routines in defense, patrolling/land navigation, support weapons, operator maintenance and M-16 familiarization, operator maintenance and M-203 grenade launcher familiarization, operator maintenance, T & E, and range cards on M-60 Machine Gun, familiarization on M-60 machine gun, fire arms training simulator, and close quarter battle drill exercise.

SELF-PROP FA SYSTEMS MECH - MASL : B144563

Initial entry training, providing Basic Knowledge and Skills training in Unit Level (Automotive) Maintenance training emphasizing maintenance publications, tools, TMDE, maintenance safety and discipline, troubleshooting, replacement, repair, and service of the cooling systems, electrical systems, power plants/packs, suspension systems, steering systems, braking systems, and hull of M109-series Howitzers, M88A1 Medium Recovery Vehicle, and M992A2 Ammunition Carrier.

SENIOR EXECUTIVE SEMINAR (SES) - MASL : B279003

The Senior Executive Seminar (SES), an intensive, one-week program, addresses security issues of particular interest to government policy makers. Each SES focuses on a timely theme and includes practical lessons that will improve participants' problem-solving skills in democratic defense management and transnational security concerns.

Participants include high-level government officials, general officers, senior diplomats, ambassadors, ministers, and parliamentarians.

SENIOR MUSICIAN - MASL : P179014

SENIOR MUSICIAN COURSE

Course Mission: 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

SENIOR SUPERVISORY CHAPLAINS COURSE (SSCC) - MASL : P179200

To prepare senior Navy chaplains (captains and captain selects) to serve in leadership positions on large staffs. Chaplains will be equipped to conduct strategic planning for religious ministry support in their commander's 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.

SENTRY DOG HANDLER SUPV - MASL : D173004

This course trains airmen, sister service, and other government agency personnel to perform duties prescribed in AFMAN 36-2108, Enlisted Classification for MWD Trainers and Kennelmasters in AFSC 3P0X1A and sister service equivalent specialties. The scope of the training includes: operational responsibilities, transportation, resources, employment factors, air base defense, drug training aids, explosives training aids, evaluation procedures, principles of conditioning and proficiency

training. This course provides training for personnel meeting the prerequisites in applicable regulations for the following agencies: Air Force, equivalent sister service counterparts, Department of Defense (DoD) hired personnel, and foreign nationals employed by the United States Government.

SERGEANTS COURE (MLT III) - MASL : P171820

Instruction places emphasis on leadership development and the working knowledge of weapons organic to an infantry battalion, their maintenance, disassembly/assembly, engagement of targets on a live fire range, and defensive position. Instruction is designed to increase tactical knowledge of patrolling, land navigation, defensive operations, rear area security, and maneuver warfare. Emphasis is also placed on drill, inspections, and military instruction.

SERGEANTS COURSE (MLT III) - MASL : P171819

Instruction places emphasis on leadership development and the working knowledge of weapons organic to an infantry battalion, their maintenance, disassembly/assembly, engagement of targets on a live fire range, and defensive position. Instruction is designed to increase tactical knowledge of patrolling, land navigation, defensive operations, rear area security, and maneuver warfare. Emphasis is also placed on drill, inspections, and military instruction.

SERGEANTS COURSE (MLT III) - MASL : P171809

Instruction places emphasis on leadership development and the working knowledge of weapons organic to an infantry battalion, their maintenance, disassembly/assembly, engagement of targets on a live fire range, and defensive position. Instruction is designed to increase tactical knowledge of patrolling, land navigation, defensive operations, rear area security, and maneuver warfare. Emphasis is also placed on drill, inspections, and military instruction.

SGSI WOLSM - MASL : P141820

STABILIZED GLIDE SLOPE INDICATOR AND WAVE-OFF LIGHT SYSTEM MAINTENANCE

The Stabilized Glide Slope Indicator (SGSI) and Wave-Off Light System Maintenance (WOLSM) Course is designed to provide special training for selected DOD personnel, and U.S. Navy and Coast Guard personnel of the Interior Communications Electrician and Electrician s Mate ratings (E-4 thru E-7), who are stationed on board LHA, LPH, LPD class ships, and air capable ships deploying the SGSI System for helicopter recovery on both U.S. Coast Guard and U.S. Navy vessels. Graduates of the course will be able to maintain, troubleshoot, and repair the (SGSI and WOLSM) system at the journeyman level, without supervision, under all conditions of readiness, and in accordance with all safety precautions and approved PMS procedures.

Scope: The course content will include the following Units of Instruction:

1. Stabilized Glide Slope Indicator (SGSI) System
2. Wave Off Light System (WOLS)
3. Flight Deck Status and Signaling System (FDSSS).

SH-2G(E) SENSOR OPERATOR - MASL : P119703

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.

SH-3 SIMULATOR TRAINING - MASL : P119308

SH-3 SIMULATOR TRAINING

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

SH-60B ATO TRNG - MASL : P113322

SH-60B AIRBORNE TACTICAL OFFICER TRAINING

SH60B CAT V PILOT TRAINING - MASL : P113302

To train SH-60B Category I Fleet Replacement Lamps MK-3 Pilots in the skills and techniques required for performance as a pilot qualified in Model (PQM)/Airborne Tactical Officer (ATO). This course provides the training necessary to qualify lamps MK-3 Fleet Replacement Pilots to perform basic operational missions in the SH-60B Aircraft. Introductory Ground Training Phase I consists of DWEST, Swim Qualification, SERE and Helicopter Instrument Ground School. Further ground training, Phases II, III and IV in SH-60B systems familiarization and all phases of mission performance are accomplished through a combination of mediated materials developed utilizing the Instructional Systems Development (ISD) process. The result is an instructional system utilizing a mix of self-paced and instructor-paced lessons.

SH-60B SIMULATOR (OFT) - MASL : P119378

To provide safe and effective training for SH-60 B personnel in skills and techniques required for performance as qualified members of SH-60 flight crew.

SH60F ASW PILOT - MASL : P113900

To train the SH-60F Category II Fleet Replacement ASW Pilot in skills and techniques required for performance as a pilot qualified in model.

SH-60F ATO TRNG - MASL : P113903

SH-60F AIRBORNE TACTICAL OFFICER TRAINING - SINGAPORE

SH-60F/R SIMULATOR (OFT) - MASL : P119377

To provide safe and effective training for SH-60F/R personnel in skills and techniques required for performance as qualified members of SH-60 flight crew.

SHAPING SMART BUSINESS ARR - MASL : B154805

Personnel new to the contracting specialty will gain a comprehensive understanding of the environment in which they will serve. Students will develop professional skills for making business decisions and for advising other acquisition team members in successfully meeting customer needs. Before beginning their study of technical knowledge and contracting procedures, students will learn about the different DoD mission areas and the procurement alternatives for each. Knowledge management and information systems will be introduced as well. Small group exercises will prepare the students to provide contracting support within the overarching business relationships of government and industry.

Objectives: Students who successfully complete this course will be able to:

- Describe the acquisition/contracting mission and its impact on the American economic system;
- Select training and development opportunities for career progression;
- Describe the interdependence of functional team members;
- Describe the importance of the oversight roles of the Government Accountability Office and the DoD Inspector General;
- Explain the characteristics and responsibilities of the contracting professional in the role of a business advisor;
- Explain the distinctive interests of both the buyer and seller and the role those interests play;
- Determine the relationship between financial and acquisition communities and how fundamental financial principles and requirements are important;
- Describe commercial acquisition and government unique requirements of market research in identifying the best arrangements to meet mission requirements; and
- Explain e-business and information technology in supporting business processes.

SHIPCREW TRNG - LANTFLT - MASL : P121015

Ship Transfer MASL used to track individual students during crew indoctrination training on ships being reactivated in Atlantic Fleet ports or repair facilities.

POC: Mr. Al Wolven, CLF N734, 836-3534, wolven@clf.navy.mil

SHPBD CBR-D OPS/TRNG SPEC - MASL : P127437

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.

SHPBD DC(Deact-SeeTCC) - MASL : P127012

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 CNETINST 3541.1 (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.

SIDEWINDER - EOD - MASL : P193136

To train selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

SIGNAL BASIC OFFICER LEADER - MASL : B121285

The BOLC is a 3-phase course consisting of: Instruction on general knowledge, information technology, basic electronics, information assurance, DOD tactical networks, network management and CAPSTONE exercises. Phase Scope - Instruction on Army Operations doctrine; communications planning and management; communications interface; offense; defense; leadership; automation; electronics; microwave; tropospheric scattering; property accounting; telecommunications; COMSEC accounting; military justice; C-E systems tactics and doctrine; digital training on FBCB2, ABCS, and MCS-2. Also, includes communications requirements, planning and execution unique to a Maneuver Battalion.

SIGNAL OFF ADV PREP - MASL : B171772

Instruction in Signal Unit structure, Corps and below; signal support on communications systems to include DGM, MSE, and CNR; and automation. The informational program includes the twelve designated IP subjects.

SIGNAL OFFICER ADV - MASL : B171771

The Signal Corps installs, operates, and maintains a myriad of state-of-the art, real-time voice and data tactical information services to all elements on the battlefield. Inherent with the Signal Corps missions are command, supervisory, managerial, and technical leadership for the installation, operation, administration, and maintenance of information systems in both fixed and mobile configurations.

SIMULATOR IP - MASL : B119993

This MASL is would be used when Field Studies Program Simulator training is required.

SLING LOAD INSPECTOR CERTIFICATION - MASL : B153725

To provide instruction on procedures for selecting, preparing, and controlling pickup zones and landing zones; and, preparing, rigging, and inspecting sling load transported supplies and equipment.

SM-2 MISSILE ASSEMBLY/DISASSEMBLY/INSPECTION - MASL : P195153

SM-2 MISSILE ASSEMBLY/DISASSEMBLY AND MK 45 TDD COUPLER (KOREA)

SM2 MISSILE CONTAINER HANDLING - MASL : P195155

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

SM-2 THEORY OF OP (KS) - MASL : P195152

STANDARD MISSILES-2 THEORY OF OPERATION (MK698 GMTS)

SMALL ARMS/TOWED ARTILLERY REPAIRER - MASL : B142390

Maintenance of small arms weapons to include shoulder fired weapons, handguns, machine guns, and mortars; inspect, disassemble, clean, operate, function-test, lubricate, measure, and repair small arms materials; common maintenance subjects, such as, publications, tools, maintenance forms, and soldier's manual orientation.

SMALL ARMS/TOWED ARTILLERY REPAIRER (SMALL ARMS) - MASL : B142391

Effective 2006-11-17 (Draft)

Course Scope:

To train students in the basic knowledge and skills to perform field and sustainment maintenance on the M242 25mm automatic gun; the 120mm mortar; the M198 medium towed howitzer; the M119A2 light towed howitzer; and specialized weapons. It will also train the student in Army peculiar artillery subjects.

1. POI 641-45B10 Phase 1 is the consolidated ITRO portion of the course. Both US Army and US Marine Corps students will attend Phase 1 collectively. Phase 1 subjects include: Shoulder and Hand Fired Weapons, Light Machine Guns, Heavy Ground Mounted Machine Guns and Mortars.
2. POI 641-45B10 Phase 2 is unique only to US Army students. Subjects include: Basic Knowledge and Skills, M242 25mm Automatic Gun, M120 120mm Mortar, M590 12 Gage Shotgun, M107 Sniper Rifle, Army Peculiar Subjects, M198 Medium towed Howitzer, and M119A2 Light Towed Howitzer.

NOTE: US Marine Corps students will also be required to complete the subjects in POI 641-2111 (OS) (USMC) Phase 2 (Small Arms Repairer) following completion of POI 641-45B10 Phase 1.

Special Information:

1. Commander's time, open time, physical fitness, and in/out processing time were not used to compute peacetime course length.
2. Peacetime academic course length was determined by dividing the academic time by 40 (298 / 40 = 7.45) rounded to 7 weeks, 3 days.
3. The total course length for POI 641-45B10 Phase 2 was computed by adding one additional day for out-processing, resulting in a 7 week, 4 day total. No additional instructor contact hours (ICH) are added for the one additional day of out-processing.
4. Mobilization course length was computed by dividing the academic time by 54.
5. Sequential and progressive testing occurs throughout each module.
6. Physical fitness training and testing will be accomplished before and/or after academic day and are not included in the overall course length. This includes four hours of APFT testing.

SMALL UNIT LEADER (JA) - MASL : P121010

SMALL UNIT LEADERS SUPPORTING ARMS ORIENTATION

Purpose. To provide initial and refresher instruction on the basics of requesting and controlling/ adjusting mortars, artillery, naval surface fire support, and close air support.

Scope. The course provides instruction designed to introduce the student to the organization, capabilities, limitations, and company-level utilization of supporting arms. Enlisted personnel who do not possess a supporting arms occupational field are the target population. Testing will be conducted by a multiple-choice exam with 70% as a passing grade. To successfully complete the course, the student must attend all classes. If a student is not present for a class, course failure will result. This course is designed for active duty units.

Special Equipment. Light projection system, visual-aid panel, and Forward Observer Training System (FOTS), or Indoor Simulated Marksmanship Trainer - Enhanced (ISMT-E).

Special Notes. It is required that the FOTS and ISMT-E be scheduled to support the course. The requesting unit will fund and request all logistical support and student materials. The uniform for the resident course will be utilities, or service equivalent.

The students will not be given an MOS, and no prerequisite training is required for them.

SNCO ADVANCED COURSE - MASL : P171822

This course provides gunnery sergeants and gunnery sergeants selectees with the education and leadership skills necessary to lead personnel in combat. Instructions are presented through a variety of teaching techniques to include guided discussions, research, writing, presentations, and guest lectures. Emphasis is placed on leadership, education, administration, and tactics.

SNCO ADVANCED COURSE - MASL : P171821

This course provides gunnery sergeants and gunnery sergeants selectees with the education and leadership skills necessary to lead personnel in combat. Instructions are presented through a variety of teaching techniques to include guided discussions, research, writing, presentations, and guest lectures. Emphasis is placed on leadership, education, administration, and tactics.

SNCO CAREER COURSE USMC - MASL : P171207

To provide professional education, which enhances the base of professional knowledge of Marine Staff NCOs and intensifies their appreciation of the high standards, esprit de corps, and leadership that are traditional in the Marine Corps. Instruction is designed to provide staff sergeants, and sergeants selected for staff sergeant, with the fundamental professional knowledge and skills required by the modern Marine Staff NCO, regardless of occupational specialty, at the staff sergeant and gunnery sergeant levels.

Primary emphasis is placed on leadership, techniques of military instruction, effective military writing and communication, problem solving, confidence building, military bearing, command presence, and physical fitness. The course includes instruction in: career planning; civil disturbances; custom, courtesy, and discipline; drill, command and ceremonies; effective military writing; general administration; interior guard; leadership; logistics; Marine Corps history and traditions; Marine Corps organization; personal financial management; physical training; public affairs; staff organization and functioning; techniques of military instruction; and uniform regulations. The course has the following three basic objectives:

(1) Developing the individual leadership potential
(2) Imparting military knowledge and skills
(3) Enhancing individual physical fitness and the ability to supervise and conduct an effective physical conditioning program

SNCO CAREER COURSE USMC - MASL : P171215

To provide professional education, which enhances the base of professional knowledge of Marine Staff NCOs and intensifies their appreciation of the high standards, esprit de corps, and leadership that are traditional in the Marine Corps. Instruction is designed to provide staff sergeants, and sergeants selected for staff sergeant, with the fundamental professional knowledge and skills required by the modern Marine Staff NCO, regardless of occupational specialty, at the staff sergeant and gunnery sergeant levels.

Primary emphasis is placed on leadership, techniques of military instruction, effective military writing and communication, problem solving, confidence building, military bearing, command presence, and physical fitness. The course includes instruction in: career planning; civil disturbances; custom, courtesy, and discipline; drill, command and ceremonies; effective military writing; general administration; interior guard; leadership; logistics; Marine Corps history and traditions; Marine Corps organization; personal financial management; physical training; public affairs; staff organization and functioning; techniques of military instruction; and uniform regulations. The course has the following three basic objectives:

(1) Developing the individual leadership potential
(2) Imparting military knowledge and skills
(3) Enhancing individual physical fitness and the ability to supervise and conduct an effective physical conditioning program

SNCO CAREER COURSE USMC - MASL : P171216

To provide professional education, which enhances the base of professional knowledge of Marine Staff NCOs and intensifies their appreciation of the high standards, esprit de corps, and leadership that are traditional in the Marine Corps. Instruction is designed to provide staff sergeants, and sergeants selected for staff sergeant, with the fundamental professional knowledge and skills required by the modern Marine Staff NCO, regardless of occupational specialty, at the staff sergeant and gunnery sergeant levels.

Primary emphasis is placed on leadership, techniques of military instruction, effective military writing and communication, problem solving, confidence building, military bearing, command presence, and physical fitness. The course includes instruction in: career planning; civil disturbances; custom, courtesy, and discipline; drill, command and ceremonies; effective

military writing; general administration; interior guard; leadership; logistics; Marine Corps history and traditions; Marine Corps organization; personal financial management; physical training; public affairs; staff organization and functioning; techniques of military instruction; and uniform regulations. The course has the following three basic objectives:

(1) Developing the individual leadership potential
(2) Imparting military knowledge and skills
(3) Enhancing individual physical fitness and the ability to supervise and conduct an effective physical conditioning program

SNIPER - MASL : B122600

Sniper Tactics; Staff Subjects (Intelligence, Mission, Training, Combat Orders, Command and Control, and Training Management); Basic Sniper skills; Marksmanship Sniper Tactics; Staff Subjects (Intelligence, Mission, Training, Combat Orders, Command and Control, and Training Management); Basic Sniper skills; Marksmanship.

SNR ENL EO CRS - MASL : D179027

The goal of the workshop is to impart upon the participants the manner in which EO issues impact unit cohesion, mission accomplishment, combat readiness and increased awareness, sensitivity, and understanding of EO issues. The program is divided into the following topic areas:

- Socialization and values
- Power and discrimination
- Sexism and sexual harassment
- Leading a culturally diverse work force
- Contemporary and emerging EO issues
- Future focus

The training methodology is interactive lectures, video presentations followed by discussions, case study and scenario solving, and facilitated action planning. Facilitators are experienced subject-matter experts and are graduates of DEOMI"s 15-week EO staff advisor course.

SOF SR ENLSTD CRS - MASL : D126018

Course focus will be on SOF Command and Control, Joint SOF Orientation, Joint Planning Orientation, Force Protection, Professional Development, Cross Cultural Communication, and Region Orientations. Resident Army, Navy, and Air Force instructors and civilian and military personnel who are course specific subject matter experts will be featured speakers. This course meets Force Protection Level I Requirements and will provide a comprehensive orientation for SOF senior enlisted leaders.

GOAL: To strengthen the interoperational skills to make the student as effective in the joint environment as they are in their own service. TARGET AUDIENCE: Senior enlisted personnel (E-7, E-8, E-9) en-route, selected, or recently assigned to a joint billet or who will be working directly with personnel in a joint billet. Non-SOF senior enlisted personnel are welcome on a space available basis.

SONAR AN/SQS-56 MT - MASL : P135017

To train selected USN enlisted and foreign national personnel in the theory and maintenance aspects of the AN/SQS-56 Sonar Detecting/Ranging Set and the MK 309 Mods 0/2 Underwater Battery Fire Control System. Upon completion of this course, technicians will be able to perform fault isolation, repair and replacement and preventive maintenance procedures.

Scope: This course provides instruction in preventive and corrective maintenance to the printed circuit board level, review of digital logic, and use of special test equipment on the AN/SQS-56 Sonar System, MK 309 Mod 0 and 2 UBFCS.

SONAR AN/SQS-56 OPERATOR - MASL : P123044

To train selected U.S. naval personnel, civilian personnel, and foreign nationals to operate the AN/SQS-56 Sonar System under limited supervision. This course provides instruction in the operation of the AN/SQS-56 Sonar in all modes, knowledge of and practical application in performance prediction, equipment readiness, major units and sub units, search, attack and lost contact procedures, classification cues available and basic signal flow.

SOS INT'L OFF SCH CRS - MASL : D171012

Prepares international officers in the Air Force grade equivalent of lieutenant, captain, or junior major to participate in Squadron Officer School (SOS). Instruction centers on providing a foundation in officership values, application, leadership tools, and air and space power in order to improve the professional competence of the students. Instruction also includes the traditions and ideals of US society, extensive physical training commensurate with the officership application program at SOS, and language and communicative skills specific to SOS. The purpose of the course is to develop: an awareness of the organizational structure, curriculum content, terminology and instructional methods used at SOS; an awareness of the United States military mission and organization; and an appreciation of US society, institutions, and ideals.

Provides a forum for exchange of ideas, fostering a greater understanding of regional, cultural, and societal issues. Course is designed to meet individual needs by providing course work based on language fluency. The majority of class time is devoted to lectures and seminars with military or civilian instructors. Local and extended field trips provide students with insights into US society, institutions, and ideals. A sponsor program aids students in becoming acquainted with the military and civilian communities.

SP AVN SAFETY MGT CN 1004 - MASL : B113036

Designed to provide commanders, operations officers, aviation maintenance managers, safety officers and other key aviation unit leaders and managers the necessary skills, knowledge and expertise required to establish, manage, and execute critical aviation safety programs.

SPACE OPERATIONS/GRAD - MASL : D178111

Prepares Air Force officers for management roles involving the use of engineering principles and scientific management techniques in planning, executing, and evaluating space operations. Provides a thorough grounding in quantitative and qualitative approaches to the analysis and management of space missions. The program is highly interdisciplinary in nature; all students study subjects spanning the areas of space sciences, engineering, and management sciences.

Space operations graduates are prepared to apply scientific management techniques to the accomplishment of the full spectrum of space missions. They are educated in the areas of probability and statistics, operations research, systems simulation, effectiveness and trade-off analyses, contracting and acquisition, and operations planning. They have an understanding of the space environment, orbital mechanics, propulsion systems, computers, communications systems, surveillance systems, and systems design and integration. The space operations graduate is prepared to plan, operate, and analyze military space systems.

The recommended career fields for assignment of the space operations graduate are space systems (20XX), communication and computers (49XX), and weather (25XX). The career progression starts with an officer serving one or more nonacademic tours prior to attending this program. After graduation, these officers are assigned to space-related middle management positions, and form a cadre from which the senior leadership and management of Air Force space operations may be selected. Typical students in the graduate space operations program are senior lieutenants through majors. While the program is primarily oriented to the Space Operations (20XX) career field, academically qualified officers from any career field are encouraged to apply.

SPAN AVIATION SAFETY MGT - MASL : B113035

Designed to provide commanders, operations officers, aviation maintenance managers, safety officers and other key aviation unit leaders and managers the necessary skills, knowledge and expertise required to establish, manage, and execute critical aviation safety programs.

SPAN MAINT MGR CN 1004 - MASL : B141770

Instruction on aircraft maintenance management, allied shops support, aviation supply, aircraft systems such as; electrical, fuel, flight controls, engine, powertrain, etc. to include systems troubleshooting. Also Combat Maintenance/Battle Damage Repair (BDR) and Periodic and Phase Maintenance Programs..

SPAN MAINTENANCE MGR - ALL - MASL : B141769

Instruction on aircraft maintenance management, allied shops support, aviation supply, aircraft systems such as; electrical, fuel, flight controls, engine, powertrain, etc. to include systems troubleshooting. Also Combat Maintenance/Battle Damage Repair (BDR) and Periodic and Phase Maintenance Programs.

SPAN UH-1 HELO RPR - ALL - MASL : B141785

Removal and installation of subsystem assemblies and subsystem components; servicing and lubrication of helicopter and its subsystems; performance of scheduled inspections; safety practices and procedures; usage of ground support equipment required for helicopter maintenance; identification and maintenance of common, special and precision tools; usage of forms and records; application of technical manuals and other applicable publications associated with helicopter maintenance.

SPAN UH-1 HELO RPR CN 1004 - MASL : B141786

Removal and installation of subsystem assemblies and subsystem components; servicing and lubrication of helicopter and its subsystems; performance of scheduled inspections; safety practices and procedures; usage of ground support equipment required for helicopter maintenance; identification and maintenance of common, special and precision tools; usage of forms and records; application of technical manuals and other applicable publications associated with helicopter maintenance.

SPANISH AIR MISSION COMMANDER - MASL : B113021

Course is designed to provide selected rotary wing aviators with the necessary skills and knowledge to plan, coordinate, and execute aviation operations as Air Mission Commanders. Instruction includes training in aviation operations' principles, aviation planning, mission analysis, plans, orders, execution, humanitarian relief operations, civil military operations, peacekeeping operations, and supervision (rehearsals).

SPANISH AVIATOR (UH-60FS) (REFRESHER) - MASL : B113039

This course consists of flight and academic training in the UH-60 flight simulator to include all basic flight and emergency tasks; and academic instruction and practical application of the UH-60 aircraft systems subjects to provide the aviator with the necessary skills and knowledge to properly operate the UH-60 helicopter.

SPANISH IERW - COLOMBIA - MASL : B113033

This course is designed to provide the student with the necessary skills and knowledge leading to qualification as a pilot in the UH-1, with night, instrument and combat skills training.

SPANISH UH-60 AIRCRAFT MAINTENANCE TECHNICIAN - MASL : B113068

To provide information and training on UH-60 maintenance test flight procedures, troubleshooting, and aircraft systems.

SPANISH UH-60 IP - MASL : B113000

Consists of flight and academic instruction in theory of flight, instructing fundamentals, aircrew training, safety, automatic flight control systems, power train, hydraulic and electric systems, malfunction analysis, and night academics; methods of instruction for contact maneuvers, tactics and N/NVG training, dual and single engine operations and emergency procedures.

SPARROW - EOD - MASL : P193133

To train selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

SPEC CONT - MASL : D147037

Contractor provided training that requires a 70 ECL. Specific contractor training course title should be reflected on the applicable student training track/line (wcn/suffix)

SPEC REACTION TEAM/CERTIFY - MASL : D173067

This course is designed for security forces personnel (defenders) of any branch charged to protect key resources in the field needed to sustain air operations during peacetime or contingencies. It will take the novice security forces member from a basic understanding of force protection and air base defense, to a mid-level understanding on why and how to protect resources. Classroom instruction is augmented by intense field training exercises, which simulate patrol and urban defense operations. This course benefits anyone interested in force protection, regardless of experience. Students will learn the latest in force protection methodology. Suggested ranks are airman to company grade officers or civilian equivalents.

COURSE DESCRIPTION

- BLOCK I - GROUND DEFENSE SKILLS The student is taught the primary objectives of active ground defense in which they will learn concepts and principles/threat spectrum, fundaments of defense, measures and techniques used in the field to control and combat the enemy. The handling of prisoners of war, rules of engagement and law of armed conflict are covered in accordance with international human rights agreements. In tactical communications and use of brevity codes, the student is shown how to install a tactical net and how to encode and decode messages.

The students are also taught how to select cross-country routes, what actions to take on enemy contact, introduction to night training and elementary night movement, routines in defense, patrolling and land navigation. Other topics in this block include: personal hygiene and field sanitation, hand grenades, tactical vehicle deployment, camouflage individual/equipment, listening/observation posts, range determination, warning/operations orders, hand and arm signals, cover and concealment, illumination and night observation devices, tactical sentry duties, move under direct fire/move over, through, and around obstacles, tactical vehicle deployment, and electronic security system concept of operation.

- BLOCK II - GROUND DEFENSE SKILLS/WEAPONS/FTX In this block the defender is taught how to select cross-country routes, what actions to take on enemy contact, introduction to night training and elementary night movement, routines in defense, patrolling/land navigation, support weapons, operator maintenance and M-16 familiarization, operator maintenance and M-203 grenade launcher familiarization, operator maintenance, T & E, and range cards on M-60 Machine Gun, familiarization on M-60 machine gun, fire arms training simulator, and close quarter battle drill exercise.

SPEC/OPS COMBTNG TERRORISM - MASL : D126019

NONE.

SPECIAL DENTAL TNG-CANADA - MASL : B175219

This MASL programs special dental training for Canada.

SPECIAL ELEC DEVICES RPR - MASL : B132468

Training in fundamental subjects and basic electronics, alternating current, solid-state technology, precision soldering, the Army Maintenance Management system, mine detectors, night vision devices, battlefield illumination, advanced instrumentation, position and azimuth determining systems, NBC detection and warning systems, test measurement and diagnostic equipment organic to the maintenance shop or maintenance van.

SPECIAL FORCES COMBAT DIVER QUALIFICATION - MASL : B126623

Waterborne operations, including day and night ocean subsurface navigation swims; deep dives, diving physics; marine hazards; tides and currents; buoyant ascent; submarine lock-in/lock-out procedures of WIT.

SPECIAL FORCES COMBAT DIVING SUPERVISOR - MASL : B126621

Plan and supervise combat diving operations; tides and currents; submarine operations; diving operations; diving equipment; medical aspects of diving; recompression chamber operations; diving physics and a course culmination exercise.

SPECIAL FORMAL MEDICAL TNG - MASL : B170035

This MASL programs special formal training at the William Beaumont Medical Center, El Paso, TX.

SPECIAL FORMAL TRAINING - MASL : B170041

This MASL programs unique training at the Academy of Health Science and Brooke Army Hospital, Fort Sam Houston, TX that is specifically requested by countries which is not taught in formal Army courses.

SPECIAL OPERATIONS INDEPENDANT DUTY CORPSMAN - MASL : B126643

Preventive medicine; dental; laboratory; physical exam; medical subjects; radiology; sports medicine; nursing; echelons of care including combat trauma management; surgery; anesthesia; and mission planning; and Special Operations clinical training.

Two weeks of Navy specific subjects: Navy Department Administration, Responsibilities, Medical Supply and Authorized Medical Allowance List (AMMAL), Navy Occupational Safety and Health (NAVOSH), Automated Medical Systems, Medical Department Training, Medical Intelligence, and Patient Administration.

SPECIAL INFORMATION: Special Operations or Recon IDC (NEC 8491/8403) is awarded upon successful completion of the Advanced Special Operations Combat Medic course.

SPECIAL OPNS COMBAT MEDIC - MASL : B126633

Basic Life Support/Automatic External Defibrillation (D); pharmaceutical calculations; anatomy; physiology; pathophysiology; medical terminology; basic physical exam techniques; medical documentation; pharmacology; basic airway management; medical patient assessment; advanced airway management; patient management skills; pre-hospital trauma emergencies and care; advanced trauma tasks/skills; operating room procedures; minor surgical skills; NREMP-Basic

examination; obstetrics and pediatric emergencies; cardiac pharmacology; Advanced Cardiac Life Support (ACLS); EMT Paramedic clinical rotation and field internship (consists of 2 weeks ambulance, 2 weeks of hospital, and 4 weeks of paramedic testing preparation); Hospital rotation: rotations in the emergency department, labor and delivery, surgical intensive care, pediatric emergency department, and operating room; Ambulance rotation: assignment to an Advanced Life Support EMS unit responsible for responding to a variety of 911 emergency calls; NREMT-Paramedic exam; care of the trauma patient in a field environment; preventive medicine; nursing care; 30 hours of clinical rotations in clinics located on Fort Bragg, NC, conducting sick call under the supervision of a physician or physician's assistant.

SPECIALIZED ENG LANG TNG - MASL : B177008

This MASL would be programmed when Specialized English Language Training is required.

SPEC-OPS COMBATNG TERR-MET - MASL : D309048

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

SP-INSTR (UH-1FS) (REF) CN - MASL : B113010

This course is designed to provide previously qualified aviators with introduction refresher training in instrument tasks using the 2B24 synthetic flight training system..

SQUADRON OFFICER SCHOOL - MASL : D171003

To develop dynamic Airmen ready to lead air and space power in an expeditionary warfighting environment. Instruction covers the profession of arms; leadership; international security studies; military studies; and communication. The course continues the development of the warrior/leaders and "whole person" professional officers--capable of increased contributions to varied Air Force missions. A small number of international officers, DoD civilians, non-active duty Reserve and ANG may attend. When AU funds are authorized for use (see Authorized Use of AU Training Funds under General Information), fax TDY order to 12CPTS/FMFLT at DSN 487-2592 or commercial at (210) 652-2592. 12CPTS/FMFLT will provide travel order number, fund cite, and certification of funds.

SQUADRON OFFICERS COURSE - MASL : D171032

This course is modeled after the program taught at the USAF Squadron Officers School (SOS), which prepares USAF company grade officers for increased leadership responsibilities. The course is designed to develop dynamic Airmen ready to lead air and space power in an expeditionary warfighting environment. Educated students will value their unique role as air force officers by applying air and space leadership to effectively execute military missions, and valuing the warrior-leader ethos and its impact on air and space power development. The course improves the student's leadership and management skills, using lessons on leadership, military ethics, air force values, and human rights in addition to developing their knowledge of the use of airpower, including basic theories of warfare and the increasing role of aerospace and information systems in the joint environment. Students in this course receive the same instruction taught to all captains in the United States Air Force that attend SOS in-residence.

COURSE DESCRIPTION This Course is not divided into Blocks.

The Squadron Officer Course (SOC) introduces the student to ideas on how an officer should view his/her profession. Students are taught lessons regarding the study of Air Force and Joint doctrine and history. The lessons on officer-ship emphasize the concept of how all officers, regardless of nationality, share the same basic ideals. The course includes studies of United States Air Force (USAF) core values. Lectures and seminars with guest speakers are used to further develop the concepts of leadership, senior officer perspectives, the role of women in the Armed Forces, human rights, military ethics, Law of Armed Conflict and the Uniform Code of Military Justice. Leadership exercises in this course are designed to help students manage their resources. Students investigate the skills necessary to lead, supervise, and communicate with their subordinates, peers, and superiors. Focus is on team building, applying the leadership principles, and developing basic presentation skills. Also included are lessons in quality principals such as techniques for group problem solving, process action teams and methods for continuous improvement that can be realistically applied to any work environment. The course includes a basic primer on the principles of war found in US basic doctrine and the history of air power, from the US perspective, beginning in World War I to lessons learned in Operation IRAQI FREEDOM. The course includes in-depth lessons on the keys for US

military success in future conflicts: Joint Operations, Information Operations and Space Systems, and concepts pertinent to the Global War on Terror. In addition, students apply new concepts and principles of leadership during field trips to the Leadership Reaction Course (LRC) located at Lackland AFB. These challenges help the students with leadership, communication skills, and teamwork in a more realistic environment. Prior to the exercises, the students will receive lessons in Operational Risk Management and apply them to the LRC and Confidence Courses.

SR ENL ACAD (SEE LOC: NEA) - MASL : P171019

To prepare selected senior enlisted leaders, in the grades of E-8 and E-9, to better fulfill their expanded leadership and management responsibilities. The class is divided into small study groups to allow a free exchange of ideas, sharing of experiences, reasoning in problem-solving, and 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 of study requires intensive reading, writing, and public speaking skills. Basic computer skills are also required. To receive a graduation certificate, 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.

SR INFO WRFARE APPL CRS - MASL : D121094

The Senior Information Warfare Applications Course (SIWAC) is designed to prepare flag officers and civilian equivalents for leadership responsibilities in the planning and execution of information operations. Our guest lecturers and attendees include flag officers, Senior Executive Service members and other senior executives. It is designed to bridge the public and private sectors and enhance senior leaders" understanding of how current and emerging technologies are impacting human decision-making and operations. The focus of the course is on warfighting at the operational and strategic levels and protecting the national critical information infrastructure. Course objectives include: comprehending the role of information in modern warfighting, exploring strategies for protecting and exploiting information, discussing policy and legal ramifications, and examining capabilities available to the warfighter.

SR INTERNATIONAL DEF MGT - MASL : P162004

The SIDMC course applies basic concepts, techniques, and analysis of comparative resources management to enhance the theoretical knowledge, competence, and capabilities of foreign general/flag officers and equivalent civilian officials. The major curricular concept of this course is comparative resources management, i.e., the examination of theories and practices of various nations, not only those of the U.S. The Institute stresses that each country is unique and must choose resource management systems that meet its specific needs.

SR NCO PROFESSIONAL DEV - MASL : B179115

Weapons; training management; battle staff planning; counterdrug operations; squad and platoon tactics; fire support; leadership; engineering; communications; land navigation; minimum of 12 hours instruction of human rights; the rule of law; due process; civilian control of the military, and the role of the military in a democratic society.

STAFF NCO ACAD ADV MLT IV - MASL : P171812

This course provides gunnery sergeants and gunnery sergeants selectees with the education and leadership skills necessary to lead personnel in combat. Instructions are presented through a variety of teaching techniques to include guided discussions, research, writing, presentations, and guest lectures. Emphasis is placed on leadership, education, administration, and tactics.

STAFF ORIENTATION VISIT/DV - MASL : D281904

Orientation tours are provided to select foreign officers for familiarizing them with U.S. military doctrine, techniques, procedures, facilities, equipment, organization, management practices, and operations. These tours are conducted as short-term orientations as opposed to long-term formal courses. OTs are also intended to enhance mutual understanding, cooperation, and friendship between U.S. forces and participating nations. Tours require appointed escort officers.

STANDARD MISSILE - EOD - MASL : P193140

STANDARD MISSILE TRNG

STEAM GENPL(Deact-seeTCC) - MASL : P145023

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).

STINGER - EOD - MASL : P193144

Trains selected International Military students in the operation and render safe procedures for a specifically requested guided missile.

STRATEGIC DEPLOYMENT PLANNING - MASL : B153731

STRADPC is a two-week resident course whose target audience is the movement planner from battalion/brigade to CORPS and Installation Level. Focus is on strategic deployment planning. Students learn concepts and key factors involved in deliberate and crisis action planning. Discuss requirements and capabilities of strategic mobility triad and support operations at POEs and PODs. They are provided an overview of JOPES, TC-ACCIS, MOBCON and learn essentials of mobilization and redeployment. Students participate in a variety of deployment planning exercises. STRADPC employs a variety of teaching methods, with an emphasis on active and higher level thinking.

STRESS & ANGER MANAGEMENT - MASL : P175302

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.

STRIKE FTR NFO IUT - MASL : P115032

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

STRL DEFENSE PRIVT & OUTSG - MASL : P162011

STREAMLINING DEFENSE: PRIVATIZATION AND OUTSOURCING

This course will demonstrate how economic and management concepts can be applied to improve the structure and functioning of defense operations and support activities. Practical example of successful outsourcing, public-private partnerships, and make-buy decisions will be provided. Each participant will be required to develop a Strategic Proposal applied to their MoD as a final practical exercise. This proposal will serve as a model for implementing positive change in their Defense Ministry.

STUDENT ADMIN - MASL : PADMIN4

Non-training.

SUB DAM CTL WET TEAM TRAIN - MASL : P148040

Provide refresher training for SSN/SSBN Submarine Damage Control Teams in the use of onboard damage control equipment and in combating flooding casualties under adverse conditions while performing as a team.

SUB F/F 21C12 TM - MASL : P124600

To develop the proficiency of submarine fire fighting teams by evaluating two practice scenarios and grading the overall performance in the third scenario. Responsive training on individual components will NOT be conducted unless it is requested at least one day PRIOR TO CLASS convening. The team will be comprised of graduates from the Submarine Advanced and Submarine Basic Firefighting Courses (see prerequisites).

SCOPE: Provide instruction on fire, fire extinguishers, hoses and nozzles, SSN-21 class fresh water hose reels, portable atmosphere monitoring equipment, Emergency Air Breathing Masks, A-4 Oxygen Breathing Apparatus, Self contained breathing Apparatus, trainer orientation and safety, and application of fire fighting. Students participating in training must be medically and physically qualified to wear a Self Contained Breathing Apparatus(SCBA) in accordance with OPNAVINST. 5100.23 series.

MEDICAL CRITERIA FOR PARTICIPATION IN FIRE FIGHTING TRAINING:

1. The following conditions require evaluation by a corpsman and a decision rendered regarding training suitability prior to an individual s participation in live fire fighting training:
   a. Has had in the last 10 days or is currently being treated for pneumonia, bronchitis, conjunctivitis, or asthma.
   b. Has had any fractures, sprains, casts, or hernia; less than four hours of sleep the previous night or consumed alcohol in past 12 hours.
   c. Is currently pregnant.
   d. History of heart disease or stress related chest pain.
   e. Current nasal congestion or an ear, nose, or throat infection.
   f. Within 10 days of postoperative procedure(minor surgery).
   g. Taking ANY medications.
   h. On limited duty/light duty or had a tooth extraction, stitches or new tattoos within last 72 hours.
   i. History of prior heat exhaustion or heat stroke.
   j. Any other conditions which may affect the ability to complete the course.
   k. Unable to participate in or complete the Semi-Annual Physical Readiness Test, including body fat standards. l. Have hypotension or hypoglycemia.
2. All students will be given a brief regarding the necessary hydration procedures.
3. All students are required to complete a student HIGH RISK training self-identification statement prior to commencing training. Forms are available at local fire fighting trainer commands. Minimum of 10 students.

SUB FORCE INDEP CORPSMAN - MASL : P175240

SUB FORCE INDEPENDENT DUTY CORPSMAN

Purpose: To train in the knowledge and skills required to prepare Hospital Corpsmen to render medical care aboard submarines.

Scope: The course includes submarine and nuclear medicine techniques in diagnosis and treatment; management of medical and surgical emergencies; occupational/environmental preventive medicine; medical laboratory techniques; submarine medicine; health physics; radiobiology; atmosphere control; instructor training; mathematics.

Prerequisite Info: A minimum of six years active duty and four years in rating. Restricted to males not more than 30 years of age (individual waiver considered). Physically qualified for Submarine Duty per MANMED and TRANSMAN. Must be physically qualified for transfer per MANMED and TRANSMAN. Applicant must be fully qualified to perform all duties required of the NEC worldwide: wherever a billet or a mobilization requirement exists. An applicant for this program is acknowledging that, upon graduation, he will be available for a utilization tour assignment to any one of these billets worldwide.

OBLIGATED SERVICE: Per TRANSMAN and MILPERSMAN - REQUIRED ENCLOSURES TO NAVPERS 1306/7:

1. Copy of performance evaluations for past 3 years. Must include at least one evaluation prepared by the applicant s current command.
2. Copy of service record pages 3/4,5 and 9.
3. Candidates shall not have a record of conviction by any court-martial or non-judicial punishment (NJP) during the 18 months preceding assignment to school. Waivers for NJP should be submitted to the HM/DT Enlisted Community Manager PERS4011D13. Any civilian criminal court convictions, court martial convictions or NJP between time of selection for school and date of class convening could be disqualifying. PERS N132D13 must be notified immediately and candidate will be made available for orders if appropriate.
4. To enhance selection opportunity, an interview is strongly recommended with a Submarine Independent Duty Corpsman or Undersea Medical Officer/Diving Medical Officer or, if not available, with a senior medical department representative, preferably within the same or related clinical or technical specialty.
5. Commanding Officers are responsible to verify all information. The Commanding Officer s endorsement must address the applicant s technical or professional competence, demonstrated or potential leadership ability, general attitudes and motivation, and assessment of worldwide assignability.
6. Current submarine medical examination IAW MANMED.

7. A certified copy of a Certificate of Clearance, OPNAV Form 5520/20, a National Agency Check (NAC), Background Investigation (BI), or an Entrance National Agency Check (ENTNAC) is acceptable. If the applicant s service record contains no evidence of previous security clearance a request for a National Agency Check must be initiated per current regulations and attached. All required documents must be complete, accurate and signed. After the word SECRET, type/agency/date should be indicated.

SUB FORCE QUAL ASSUR INSP - MASL : P124012

SUBMARINE FORCE QUALITY ASSURANCE INSPECTOR

To provide training for perspective Quality Assurance Inspectors to ensure they have a thorough understanding of the requirements and procedures necessary to implement the submarine-type commander policies as they relate to the Quality Assurance Program.

SCOPE: This course provides training for Submarine Force personnel to support coordinating and administering the Submarine Force Quality Assurance Program within their respective work centers. This course fulfills the type commander requirements for formal controlled material petty officer training.

SPECIAL NOTE: THIS COURSE IS A PREREQUISITE FOR P124011, "SUB FORCE QUAL ASSUR OFFR" A-4H-0146.

SUB SONAR PRINCIPLES - MASL : P222002

JMSDF SUBMARINE SONAR PRINCIPLES AND EMPLOYMENT TRAINING

SUB-SAHARAN AF ORIENTATION - MASL : D126028

Provides a broad overview of the Sub-Saharan Africa region with an emphasis on cultural, historical, economic, and political issues. The course covers each of the four major regions of Sub-Saharan Africa, providing a historical, cultural, and politico-military background. It also covers health, humanitarian, economic, security, and US policy issues on the continent. The first day is dedicated to regional introduction and historical and cultural overview. The rest of the week examines regional-specific issues focusing on conflict resolution, SOF involvement, and US policy and interests. Completion of this course meets requirements for Force Protection Level I training.

GOAL: To provide individuals with regional information on Sub-Saharan Africa whether deploying to Africa or remaining in CONUS as an African regional analyst.

TARGET AUDIENCE: Special operations forces (SOF) personnel, joint personnel, DoD, or other government personnel with a professional interest in the area and/or personnel currently assigned or programmed for assignment to Sub-Saharan Africa. Adult dependents of individuals on accompanied overseas status may attend the course at their sponsor's expense, subject to space availability and USAFSOS approval. Dependents will not be permitted to attend the classified blocks of instruction unless the school is provided with proper verification of clearance level required.

SUBSISTENCE SPECIALIST "A" - MASL : P163207

This course provides specialty training for the entry level Food Service Technician in the areas of safety, personal hygiene, sanitation, recipe conversion, equipment usage and basic food preparation for bakery products, a variety of meats and meat products, sauces, egg cookery, vegetables, pasta and starches. The course is taught through both the classroom and through practical experience in the galley. The student will learn how to prepare nutritious foods and a well-balanced menu with recipes that are easily convertible from small to large numbers. The student will also learn how to attractively present foods.

SUPPLY - MASL : D152004

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student’s country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

SUPPLY AND SERVICE MANAGEMENT OFFICER - MASL : B152761

Logistic organizations in a theater of operations; field service operations; unit supply procedures; supply support activity procedures; petroleum and water distribution; mortuary affairs; subsistence management; maintenance management; transportation management; military operations other than war; contingency contracting and automated logistics systems.

SUPPLY CORPS OFF BAS QUAL - MASL : P152223

Supply Officers Basic Qualification Course (BQC)

The Basic Qualification Course (BQC) is designed to prepare newly commissioned Supply Corps officers with a broad range of initial supply skills. The 22-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).

SUPPLY MGMT SFO NAVY - MASL : P171003

International Logistics Executives Advanced Development (ILEAD),

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. Starting in FY07, this course will include the Advanced Management Program (AMP) as the first portion of the course. AMP is a three-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 University of North Carolina-Chapel Hill and other top-level business schools. It is a full immersion program in which all classes, meals, lodging and snacks are included in the MASL price for this course (first three weeks only). 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 three weeks of AMP, site visits will be conducted to various Navy commands in the in U.S. and Canada to give the students an on-site view of the various logistics initiatives and projects currently be worked on by Department of Defense, U.S. Navy, and Canadian Forces. The students will also participate in various events that will allow for a better understanding of American and Canadian societies and culture. All course travel is included in the MASL cost. Class requires an 80 ECL score.

SUPPLY OFF BAS INTL-IOSCO - MASL : P152002

International Officer Supply Course (IOSCO)

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, Defense Logistics Agency, and the relationship to the Foreign Military Sales (FMS) process. Students are introduced to U.S. Government and civilian leadership of the military, the DoD and Navy Command structure, and how the Defense Logistics Agency and Navy Supply Systems Command support both U.S. and International warfighters. Included in the course is material identification, catalog systems, FMS requisitioning procedures, Security Cooperation Information Portal (SCIP) and other computer and web based tools for customer support.

SUPPLY OFFICER DEPT HEAD - MASL : P152222

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.

SUPPLY PROCEDURES - MASL : D304023

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country’s capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified

location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

SUPPLY SYSTEMS MGT - MASL : D152023

This course trains senior noncommissioned officers and civilians to perform duties of a materiel manager. Training includes development of supply policy and enhancements, provide logistics information, train and equip personnel, stockage / retention policy, mission support/weapon system management, purchasing and supply chain management, logistics readiness, and wartime/contingency planning.

SUPT T-1A (T/T) 119FH - MASL : D111025

Qualifies officers to perform duties and responsibilities of rated pilot. Advanced training (T-1A) airlift-tanker track graduates qualify to fly Air Force airlift/tanker jet aircraft with minimal transition and normally proceed to graduate flying training. Approximately 104 flying hours, 42 simulator hours, 172 academic hours, and 95 hours of officer development. Graduates also receive training on professional officer skills and knowledge required of a junior Air Force officer.

SUPT T-38C (BF) 119.2FH - MASL : D111024

Qualifies officers to perform duties and responsibilities of rated pilot. Approximately 208 flying hours, 60 simulator hours, 254 academic hours (330 academic hours for T-1A students), and 185 officer development hours. Graduates qualified to fly Air Force jet and helicopter aircraft with minimal transition and normally proceed to advanced flying training. Helicopter assigned pilots will fly the UH-1H in the advanced phase, airlift-tanker assigned pilots will fly the T-1 in the advanced phase, bomber-fighter assigned pilots will fly the T-38 in the advanced phase, and C-130 bound will fly the Navy T-44 in the advanced phase. Graduates will also receive training on professional officer skills and knowledge required of junior Air Force officers.

SURFACE RESCUE SWIMMER C1 - MASL : P129491

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.

SURV, EVAS, RESIST, ESCAPE - MASL : P129196

This course is designed to provide level "C" code of conduct training to selected high risk of capture personnel as directed by respective TYCOMS/MCCDC in accordance with DoD directive 1300.7 and the JSSA executive agent instruction (EAI). Training is accomplished by providing basic skills necessary for worldwide survival, evasion, resistance to exploitation, and escape from captivity. This course is taught at Nas North Island, Ca and Nas Brunswick, ME.

Scope: To train pilots, flight officers, intelligence officers, aircrew, and other selected high risk of capture personnel in the basic skills necessary for world-wide survival, expediting search and rescue efforts; evading capture by hostile forces; resistance to interrogation; exploitation and indoctrination; escape from detection by enemy forces in accordance with DoD directive 1300.7. Training is conducted as outlined in the approved curriculum document. It is based on and reinforces the values expressed in the code of conduct while maintaining an appropriate balance of sound educational methodology and realistic/stressful training scenarios.

Call FASOTRAGRUPAC at (DSN) 735-6336/6337/9006 or FASOTRAGRULANT (DSN) 476-2399 to obtain the required and recommended equipment needed for the course. Ensure that no travel arrangements are made prior to 1800 on Friday following class completion

SURVIVAL - MASL : D302010

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country’s capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified

location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

SWO DH OPS SPEC INTL - MASL : P179135

To prepare middle grade International Surface Warfare Officers 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.

This training emphasizes department, systems and unit interdependence and interaction, and provides theoretical and technical instruction required to prepare those officers for combined operations at sea with surface units of the United States and other Navies. This course also provides opportunities, through the Informational Program, to enhance the International Surface Warfare Officer s understanding of basic social, moral, and political systems as practiced in the United States.

NOTE: The surface warfare officer department head operations specialty course (MASL no. P179135) requires a confidential security clearance. It convenes annually and is intended for surface warfare officers with at least one tour at sea, in the equivalent pay grades of o-2 to o-4. If dependents accompany the trainee the increased living allowance for dependents is not authorized. Because Newport is a summer resort town, the cost of living in the summer is extremely high, with the cost of renting often exceeding $2,000 per month. Students should carefully consider these costs before deciding to bring dependents.

SWORD ENGLISH LANGUAGE - MASL : B177009

This MASL would be programmed when English Language Course is required.

SWOS - INTL - MASL : P179136

INTERNATIONAL SURFACE WARFARE OFFICER

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, and 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, and chain of command.

SYS ACQ MAP FOR GEN OFF - MASL : B151000

The MLC acts a force multiplier by familiarizing students with logistics strategy, doctrine, theory, programs and processes in a multinational environment. It provides the opportunity for them to develop the attributes, perspectives and insights necessary to perform effectively and efficiently as logistics managers in an alliance or coalition at the operational level of war.

NOTE: The MLC deals with activities between countries, not services, as is done in the Joint Course on Logistics (ALMC-JC). As such, there is minimal overlap between the two courses.

SYS SUST MGT FUNDAMENTAL - MASL : B154025

Systems Sustainment Management Fundamentals provides a broad overview of the role of the life cycle logistician during the sustainment phase of a weapons system s life cycle. Modules cover logistics/ supply-chain management concepts, maintenance processes, end-to-end distribution, best commercial practices as applied to weapons systems sustainment, performance metrics, partnering/alliance opportunities and experiences, performance-based support, enterprise business environment and opportunities, and reduction in life cycle/total ownership costs.

Objectives: Students who successfully complete this course will be able to:

- recognize the role of the life cycle logistician during the sustainment phase of a weapons system s life cycle;
- identify the concepts, policies, and practices of logistics/supply-chain management as they apply to new and legacy systems during the sustainment phase of their life cycle; and
- identify the best practices in developing and implementing performance-based support.

SYSTEMS APPROACH TO TRAIN - MASL : B155470

This MASL is used when Systems Approach to Training is programmed.

SYSTEMS AUTOMATION - MASL : B155428

Encompasses information acquired in the ISOL course (7E-F70) and a broad range of automation topics to include networking fundamentals, resource planning and management, systems analysis, programming and database fundamentals, and network/system security fundamentals. This is the primary course for all FA 53s.

SYSTEMS ENGINEERING (GRAD) - MASL : D178218

The application of scientific and engineering knowledge to the analysis and design of complex systems and their associated components, a system being a collection of objects that operate together to perform some function. The goal of the systems engineer is to understand the entire system, its internal structure and its interactions with its environment. This understanding forms the basis for both analysis and synthesis of systems. Typically, the systems engineer is required to develop system objectives and means of measuring satisfaction of those objectives, create feasible alternatives, and apply rational decision-making procedures to select the best solution. In addition, the large scale problems involved generally require team efforts for solution. The systems engineer must be able to understand and integrate contributions from other specialists, as well as make his or her own contributions. Thus, the systems engineer must be a generalist, with a broad interdisciplinary background, but with depth of knowledge in a particular specialty. The systems engineering curriculum at AFIT is structured to develop such a person. On successful completion of the program, the student receives the master of science or master of science in systems engineering degree.

T-37 JOINT SUPT (89FH) - MASL : D111023

Qualifies officers to perform duties and responsibilities of rated pilot. Approximately 208 flying hours, 60 simulator hours, 254 academic hours (330 academic hours for T-1A students), and 185 officer development hours. Graduates qualified to fly Air Force jet and helicopter aircraft with minimal transition and normally proceed to advanced flying training. Helicopter assigned pilots will fly the UH-1H in the advanced phase, airlift-tanker assigned pilots will fly the T-1 in the advanced phase, bomber-fighter assigned pilots will fly the T-38 in the advanced phase, and C-130 bound will fly the Navy T-44 in the advanced phase. Graduates will also receive training on professional officer skills and knowledge required of junior Air Force officers.

T-6 JOINT SUPT - MASL : D111140

Primary training qualifies students for advanced training in the T-38, T-1A, T-44, or UH-1H. Approximately 90 flying hours, 60 simulator hours, 225 academic hours, and 15 officer development hours. Fighter/bomber assigned pilots will fly the T-38 in the advanced phase and airlift-tanker assigned pilots will fly the T-1A in the advanced phase. Helicopter students will fly the UH-1H and C-130 bound students will fly the Navy T-44 in the advanced phase. Graduates will also receive training on professional officer skills and knowledge required of junior Air Force officers.

TAC ACFT MAINT APPR (F-15) - MASL : D141340

This course provides training for Air Force personnel, AFSC 2A333A, in the skills and knowledge needed to perform duties on the F-15 aircraft. Scope of training includes: TO usage, forms documentation, inspection, servicing, launch, recovery and maintenance of the F-15 aircraft.

TAC ACFT MAINT, F-16 (MRT) - MASL : D141326

The instructional design for this course is group paced. When necessary, deviation from the preferred sequence of instruction to allow cross utilization of aircraft and major pieces of equipment with operational squadrons is authorized. The course provides first term airmen with the minimum knowledge required for initial assignment to a maintenance organization. Training includes aircraft familiarization with ground safety, basic aircraft system operation, servicing, inspection, launch and recovery. Operational Risk Management (ORM), safety, technical data usage, Core Automated Maintenance Systems (CAMS) and 781 series form documentation are integrated throughout the course for all hands-on performance tasks.

TAC ARCFT MAINT APR (F-16) - MASL : D141231

The AFSC 2A333B will be awarded after completion of this course and completion of course J3ABP2A333B 007, Fighter Aircraft Maintenance Apprentice (F-16), at Luke AFB AZ. Training includes 19 days of common maintenance training and 65 days of aircraft -specific training with aircraft systems such as airframe, electrical, utility, hydraulic, landing gear, flight controls, fuel, and engine. Commons training includes career progression, AFOSH, security, maintenance management and documentation, hand tools and hardware, technical orders, aircraft ground handling, and inspections.

TAC ARCRFT MAINT APR (F15) - MASL : D141341

The AFSC 2A333A will be awarded after completion of this course and course J3ABP2A333A025A, Fighter Aircraft Maintenance Apprentice (F-15), at Tyndall AFB, FL. Training includes 19 days of aircraft maintenance fundamentals and 55 days of weapon system familiarization and hands-on training with aircraft systems such as egress, airframe, electrical, utility, hydraulics, landing gear, flight controls, fuel, and engine. Training also includes such items as career progression, security, maintenance management, maintenance documentation to include CAMS and AFTO forms, ordering parts, aircraft and flight line safety (AFOSH), hand tools and hardware, technical orders, aircraft support equipment, aircraft ground handling, corrosion identification, and inspections.

TACT AIR CNTR PRTY-N036741 - MASL : P124514

To train students in the joint tactics, techniques and procedures used for controlling and integrating the broad spectrum of fire support and air power available to the Marine Air-ground Task Force (MAGTF) or Joint Task Force (JTF) Commander. Marine aviation officers (naval aviators and naval flight officers), assigned to a Marine Expeditionary Force (MEF) Tactical Air Control Party (TACP) will receive a 7502 MOS and be prepared to accomplish their mission as Forward Air Controller (FAC) or staff Air Officer (AO).

SCOPE: This course encompasses the concepts, doctrine and principles used in the employment of air power in support of MAGTF or JTF operations. The curriculum prepares students to accomplish eight broadly based mission-essential duties and includes instruction in both planning and employing air power as an integrated fire support asset or force multiplier in support of the ground combat scheme of maneuver.

PREREQUISITES: Naval aviators and Naval Flight officers who are assigned or will be assigned to a MAGTF TACP or Air Naval Gunfire Liaison Company (ANGLICO) are eligible. Prerequisite waivers are available at the request of supported Unit Commanders and will be considered on a case-by-case basis. Any request for waivers must be submitted to the appropriate TACAIR department No Later Than (NLT) two weeks prior to convening course date. Contact EWTGPAC TACAIR department number DSN: 577-2881, COMM (619) 437-2881. Contact EWTGLANT TACAIR depart number DSN: 253-5961, Comm: (757) 462-5961.

SPECIAL NOTE: Course is taught on an unclassified basis, however, all IMS must have a Secret security clearance annotated on their invitational travel orders (ITO) in order to be admitted to the classroom area. IMS without such a clearance annotated on their ITO will not be admitted to the classroom spaces and cannot attend training.

TACT NETWORK SPEC OPS CRS - MASL : P155403

TACTICAL NETWORK SPECIALIST OPERATORS COURSE

Tactical Data Network Operators are responsible for installation, configuration, operation, and maintenance of networking systems. This includes installing and configuring switches, routers and various transmission media. Tactical Data Network operators also, install, optimize and trouble-shoot Wide Area Networks (WAN) and operate the current Tactical Network system. They will receive core data concepts training before receiving more detailed training in tactical networking principles and systems.

TACTICAL AIR CONTROL PRTY - MASL : P124520

Format. Taught in residence at EWTGPAC. Includes three-day live fire exercise at Marine Corps Air-Ground Combat Center, Twentynine Palms. Course is presented at EWTGPAC and EWTGLANT. N306741

Purpose. To train students in the joint tactics, techniques, and procedures used for controlling and integrating the broad spectrum of fire support and air power available to the Marine Air-Ground Task Force Commander (MAGTF) or Joint Task Force (JTF) Commander. Marine aviation officers (naval aviators and naval flight officers) assigned to a Marine Expeditionary Force (MEF) Tactical Air Control Party (TACP) will receive a 7502 MOS and be prepared to accomplish their mission as a Forward Air Controller (FAC) or staff Air Officer (AO).

Scope. The course encompasses the concepts, doctrine, and principles used in the employment of air power in support of MAGTF or JTF operations. The curriculum prepares students to accomplish eight broadly based mission-essential duties and includes instruction in both planning and employing air power as an integrated fire support asset or force multiplier in support of the ground combat scheme of maneuver.

Prerequisites. This course is designed for Marine aviation officers currently assigned to, or pending assignment to, duties as air officers or forward air controllers with Tactical Air Control Parties, or with Navy Tactical Air Control Squadrons. Marine aviation officers will be given priority for training. If extra class seats are available, they will be offered on a case-by-case basis. (Verification of SECRET clearance must appear on student orders.)

Special Notes

1. Students attending the course are identified by HQMC (MMOA-2) and enrolled by MMOA-2 through the By Name Assignment (BNA) system.
2. EWTGPAC will submit a roster of graduates eligible for a second MOS to HQMC for entry into the Manpower Management System (MMS). The Reserve Support Officer will submit a roster of eligible Reserve graduates to the CG, Marine Reserve Force for entry into the Reserve Manpower Management Pay System (REMMPS).
3. Uniform for the course is utilities or service equivalent.
4. The American Council on Education has evaluated and recommended this course for two hours of lower division college credits.

TACTICAL AIR INTELLIGENCE - MASL : D172023

This course targets officers O1-O3 and enlisted requiring basic intelligence operations experience. The course prepares personnel with little or no intelligence experience to accept the responsibilities of an intelligence officer or NCO at the unit level. Students receive fundamental information on the different fields within the intelligence community. Instruction includes brief and de-brief, development and use of maps and charts for order-of-battle information as well as target mission folder preparation.

COURSE DESCRIPTION

- BLOCK I MAPS AND CHARTS The overall objective of this block is to give the students the capability to use and understand the principles of maps and charts. Students receive instruction on the fundamentals of maps and charts to include distance measurement, course and direction, and are taught to use two specific coordinate systems: geographic and the military grid system. Finally, the students build situation maps and order-of-battle displays.
- BLOCK II INTRODUCTION TO INTELLIGENCE The overall objective of this block is to introduce students to the different fields of specialization within the intelligence community and principles of information security. Students study intelligence officer (analyst) duties and responsibilities, various intelligence specialties, the mission and responsibilities of intelligence in the Air Force environment, intelligence production, and information security. Discussion focuses on air force intelligence career fields and the interrelation of these fields to the intelligence application specialist, the primary focus of the course. Students study the phases of the intelligence cycle from planning to dissemination. Additionally, students learn and apply the principles of security throughout the course in daily operations.
- BLOCK III - INTELLIGENCE SUPPORT TO AIR OPERATIONS The overall objective of this block is to provide students with the necessary skills and confidence to effectively deliver timely professional intelligence products to their customers. During this block of instruction, students learn about the various intelligence briefings and how to conduct and construct them using computer media. Discussion and implementation includes debriefing techniques and reporting with emphasis placed on briefing techniques and basic analysis of message traffic. Students also receive basic visual recognition training for air, ground, and naval systems.
- BLOCK IV - TARGETING The overall objective of this block is to give the student the capability to perform target analysis and prepare target folders and mission briefing/debriefing. The course places emphasis on route and threat analysis. Students also receive basic instruction on plotting information on electronic map software.
- BLOCK V MISSION PLANNING AND FORCE EMPLOYMENT The course culminates with five days (45 hours) of exercises, which include all areas previously learned in the course. The exercises encompass order-of-battle construction for air, ground, naval, and electronic systems, pre-mission preparation and planning, post-mission debriefing, and a commander's crisis situation briefing. This block also includes law of armed conflict and human rights instruction.

TACTICAL DATA LINK & C4I - MASL : P139298

Long Title: Tactical Data Link (TDL) and Command, Control, Communications, Computers and Intelligence (C4I) course of study (JMSDF only). Training is approximately one year in duration.

TACTICAL LOGISTICS OFFICER - MASL : P179251

This course will provide company grade, career-level professional military education to logisticians. The goal of the course is to enhance the professional abilities of logisticians who mush plan and execute complex combat service support operations in support of the tactical operations of ground and aviation units. The course focuses on the fundamental and doctrinal aspects of

tactical-level logistics in support of combat service support operations, as well as current and future issues that will help to prepare logisticians to assume active roles in the Expeditionary force-level and below.

The objective is to bridge the gap between entry-level initial skills training and advanced intermediate-level logistics education. The course is divided into three phases:

- Phase I examines the Theory and Nature of logistics; the role of logistics in supporting combat service support operations; and reviews Marine Air-Ground Task Force organization, employment capabilities and limitations.
- Phase II centers on the tactics, techniques, and procedures for creating effective and efficient CSS for the MAGTF across the spectrum of employment scenarios.
- Phase III is to consider future operational concepts and the role logisticians play in enabling the execution of emerging war fighting concepts and technologies. This is a PME School course.

PREREQ INFO: Captains or Majors. Supply or Logistics background.

TATS AIR DEF ART ANCOC - MASL : B171803

The ADA core (phase 2) addresses topics in SHORAD/HIMAD operations/tactics, RSOP, employment, defense design, command and control, destruction of weapon systems, service support, and maintenance management.

TATS BRIDGE CREWMEM BNCOC - MASL : B174125

Training in demolitions, reconnaissance, fixed bridging, float bridging, offensive and defensive operations.

TATS CANNON CREWMEMBER - MASL : B122190

Course Scope:

Basic duties of a soldier in a field artillery howitzer section include identifying the different types of howitzer and the techniques of handling ammunition, setting fuses, preparing charges, loading and firing the howitzers, performing maintenance, and performing other duties of the cannoneer.

TATS CHAPLN OBC (COM CORE) - MASL : B169530

Basic military training including acculturation to the Army, physical fitness, and drill and ceremony. Provides training in basic military skills, profession of arms, leadership doctrine, and organization of the Army.

TATS DRILL SERGEANT - MASL : B179949

The course is designed to provide candidates information and training techniques for subjects that drill sergeants are required to teach in IET to include human relations, leadership, counseling, physical fitness training, weapons training, drill and ceremonies, methods of instruction, hand grenades, combatives, general subjects, gender integrated training management, and tactical training applicable to the IET environment. The major emphasis of the instruction will be on how to train initial entry training soldiers to become highly motivated, skilled, and physically fit.

TATS FA CANON SEC CH BNCOC - MASL : B122195

The Basic NCO Course (BNCOC) is conducted in an NCO academy environment. The course includes training on safety, weapons, the Precision Lightweight Receiver (PLGR) and the Force XXI Battle Command Brigade and Below, FBCB2.

TATS FA MET CREWMEMBER - MASL : B121148

The course is designed to train personnel in the basic concepts of meteorology, basic communications systems, surface observations, balloon inflation, and operation of the Meteorological Measuring Set, AN/TMQ-41.

TATS FA PLATOON SGT ANCOC - MASL : B122200

The Platoon Sergeant Advanced Noncommissioned Officer Course (ANCOC) is designed to teach the 13B40 to perform skill level (SL) four tasks. Skills focused upon are the duties of the platoon sergeant, chief of firing battery, gunnery sergeant, battalion master gunner, and the battalion ammunition NCO. The course provides instruction in leadership training management, professional, skills, resource management, and military skills. Subjects include common leader skills: operations, intelligence, and warfighting skills, the course also teaches the student to process tactical fire control data.

TATS FLD ARTILLERY SURVEY - MASL : B121150

Skills that a level one personnel need to perform as a member of a field artillery survey party are: tactical communications, map reading, determine the distance between stations by mechanical and electronic means, determine direction by astronomic observation and gyroscopic means, operate angular measuring instruments and automated survey systems, record field data,

prepare schematic sketches of field surveys, and finally compute direction, distance, grid coordinates, height and astronomic azimuth from field data.

TATS MET EQP-MET DATA SYS - MASL : B121167

Preventive maintenance checks and services, troubleshooting and isolation of faults, and repair and replacement of defective components.

TATS MLRS CREWMEMBER - MASL : B194086

The soldier will receive training on either the M270 or M270A1 Launcher depending on first unit of assignment. In addition all soldiers will be trained on the proper operation of the M985 Heavy Equipment Mobile Tactical Truck (HEMTT) and the M989A1 Heavy Equipment Mobile Ammunition Trailer (HEMAT). Soldiers will also be instructed on proper maintenance procedures, proper hand and arm signals, communications, duties at the firing point, reload operations, and land navigation skills.

TATS PAT SYS TECH WO BASIC - MASL : B195194

Provide knowledge on the PATRIOT missile systems operations, support concepts, and organization of technical publications. Training in the principles and theory of tactics, fault diagnostics and problem isolation; functional theory of operations of the Engagement Control Station, Antenna Mast Group, Information Coordination Central, Communications Relay Group, Electric Power Plant, radar set and launcher station maintenance.

TECH PREP TRNG PH II ELEC - MASL : P179612

FST Phase II Electricity and Electronics curriculum provides the student who will be entering the electricity or electronics career field 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. The intent of FST Phase II is to provide specialized training prior to entry in a U.S. Navy Class A1 (Initial Skill Training & Enlisted) School.

TECH TRAINING INSTRUCTOR - MASL : D166041

This course prepares experienced officers, NCOs, and civilians to perform instructor duties in their respective specialty. Top Air Force technical training concepts and techniques taught in this course ensure instructors deliver quality instruction. The course is designed to give the student a fundamental base of knowledge, not only on how to conduct classroom instruction, but on how to develop a curriculum as well. The course uses extensive practical exercises to build the students presentation skills. The end result is a fully certified instructor ready to meet the most demanding instructional assignments.

COURSE DESCRIPTION

- BLOCK I - FUNDAMENTALS OF TEACHING Instructional techniques and communicative skills lay the foundation for technical instruction. The developmental approach to academic instruction covers instructor roles, responsibilities, and motivational theories. The purpose and use of effective instructional aids are covered in detail. Effective questioning techniques are reviewed and practiced. The students will prepare one informal lecture presentation to practice those technical concepts covered in this block of instruction.
- BLOCK II - CURRICULUM DEVELOPMENT Techniques learned in the fundamentals of teaching block are applied to the instructional system development process. This process teaches the instructor how to develop and maintain a quality course. Development of criterion instructional objectives set the stage for standardized instruction. Development of effective measurement devices is covered and practiced. The student will prepare one informal lecture presentation. This lecture allows the student to further enhance their teaching techniques prior to practice teaching (Block III).
- BLOCK III - PRACTICE TEACHING This block is designed for maximum student participation. The student will apply all instructional techniques covered in the two previous blocks to practice and deliver effective presentations. The students will prepare and present four different presentations; one informal lecture, one demonstration/performance, one guided discussion, and one final lecture using an instructional method chosen by the student and approved by the instructor. Test administration, control, and security procedures are also covered in detail. Student administration procedures are reviewed and discussed. Instructor counseling techniques are reviewed, practiced, and enhanced through classroom scenarios. This block completes the instructor certification requirement.

TECHNICAL AMMUNITION - MASL : B142922

This course provides basic training in the technical aspects of ammunition and explosives for personnel involved in ammunition related operations. It also provides a base for advanced study in the ammunition areas of maintenance, demilitarization, and storage and supply/inventory management. In addition, the course meets the requirements for certification of personnel under the provisions specified in AMCR 350-4, TRADOC-R 350-30 and FORSCOM-R 350-10. Course content includes Department of Defense (DoD), Army, Navy and Air Force references for ammunition and related operations, basic information on types of explosives and non-surety chemical agents, descriptions and functions of ammunition items, explosives safety and requirements for the storage and on-installation transportation of ammunition.

TECHNICAL CHEMICAL SURETY MATERIEL COURSE - MASL : B142957

This course covers descriptions of toxic chemical agents, their effects, symptoms from exposure, and self aid/buddy aid treatments of effects. Types of munitions, containers, protective clothing, and detection equipment, along with detection capabilities and decontamination procedures are discussed. The Personnel Reliability Program (PRP) is identified and defined. Chemical Accident/Incident Response and Assistance (CAIRA) to include types of emergencies, agent hazard prediction capabilities, and effects of weather and terrain are examined. Current and proposed methods for disposal/demilitarization of surety agents are also discussed.

TECHNICAL ENGINEERING SPECIALIST - MASL : B174100

Construction surveying using conventional equipment, and the automated integrated survey instrument for military construction to include: project mapping operations, construction support surveys, road operations, construction support surveys, road construction, and building and utilities layout surveys. Conventional and computer aided drafting to include: applied engineering graphics, architectural, structural, and roadway drawings, materials estimating, and map overlays. Use of soils, concrete and asphalt test sets for obtaining information on materials properties of aggregated, soils, concrete and bituminous materials used for site evaluation, design, construction, and quality control of military construction. .

TECHNICAL ENGINEERING SPECIALIST-CN ONLY - MASL : B174114

Construction surveying using conventional equipment, and the automated integrated survey instrument for military construction to include: project mapping operations, construction support surveys, road operations, construction support surveys, road construction, and building and utilities layout surveys. Conventional and computer aided drafting to include: applied engineering graphics, architectural, structural, and roadway drawings, materials estimating, and map overlays. Use of soils, concrete and asphalt test sets for obtaining information on materials properties of aggregated, soils, concrete and bituminous materials used for site evaluation, design, construction, and quality control of military construction. Also includes Common Engineer Training (CET) for Army personnel.

TECHNICAL OPERATIONS - MASL : P179353

TECHNICAL OPERATIONS (NORWAY). This course is specific to NORWAY and provides training in the operation of the IWS system in tactical submode positions. In addition, trainees will be able to recognize system casualties, repair and recommend decisions in a tactical multi-warfare environment. This course covers the operation of CIC sub modes that respond to system casualties, which influence system effectiveness. Specific sub modes are Radar System Controller (RSC), Combat Systems Coordinator (CSC), Missile System Supervisor (MSS), Computer Program Interface Supervisor (CPIS), Training Supervisor (TNGS) and Training Assistant (TRNGA). Discussion and practical applications will include Doctrine, LINK information, SPY doctrine, ADS doctrine, System Training set-up, ACTS scenario operations, Engagement operations. Training will include a normal system and a system with casualties. Trainees will initialize repair and maintain system while conducting operational scenarios.

TECHNICAL PREP TRNG PH I - MASL : P179610

FST Phase I is a 16-week course of instruction that provides the international student 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 FST Phase I is to provide an entry-level ability in science, math, and technical comprehension prior to FST Phase II and eventual enrollment in U.S. Navy Class A1 (Initial Skill Training & Enlisted) Schools. FST Phase I instruction is followed by one of three variants of FST Phase II depending on the students intended area of skill training. Phase II training currently consists of three tracks; Mechanics, Electricity and Electronics, or Logistics/Computers.

TECHNOLOGIES FOR INFO OPS - MASL : P179220

Course Title: Technologies for Information Operations (replaces current title: Information and Electronic Warfare Technology)

Course 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: Decision modeling and tactical analysis as an introduction to special methodologies of command and control; newest developments in unmanned aerial vehicles, cruise missile technologies and SAR image compression techniques, high-speed networking, wideband receiver design methods as well as wireless antennas; ultra wideband impulse methods; atmospheric predictions; weapons effects and radar and laser cross-section engineering. Topics will vary depending on faculty availability.

There are two tracks available:

1. Command and Control warfare
2. Weapons Systems

The course also offers fieldtrips to different defense related engineering facilities, and serves as an excellent opportunity for the exchange of information and technology among participants in a stimulating environment

Course length: 3 weeks; 2007 course dates are 30 Apr 07 - 18 May 07

Max Quotas: 30

Course Pre-requisites

1. Undergraduate engineering degree or equivalent
    a. Calculus/calculus-based physics sequence required
2. Test of English as a Foreign Language (TOEFL) score of 207; ECL score of 95 in lieu of TOEFL will be considered on a case by case basis

SPECIAL NOTE: Please see Section II of the U.S. Navy International Training & Education Catalog for further information regarding quota procedures.

TELE-COMM SYS CNTL/ATT/MAP - MASL : D132024

Principles-centered training related to the management of networks and Communications-Computer Systems (C-CS) ; theory and procedures for monitoring status and performance of various types of analog and digital transmission circuits and systems, Local Area Networks (LANS) and Wide Area Networks (WANS), and associated equipment; procedures for configuring circuits, systems and networks based on service requirements. Provides standards and techniques relating to circuit testing and quality control, to serve as a basis for predicting, preventing, and correcting circuit deterioration or system malfunctions; theory and techniques for circuit, system, network, and equipment fault isolation; control and coordination procedures to direct or perform corrective actions. Identify basic characteristics and capabilities of the TSEC/KY-68 (DSVT-Digital Secure Voice Terminal), present common uses of the KY-68, TSEC/KG-84A/C (GPED - General Purpose Encryption Device), contrast between the different versions of the KG as well as its compatibility with the KIV-7. Basic characteristics and of the KIV-7 High Speed Data Encryption Device/KG-84 Embeddable, the TSEC/KG-94/94A (Trunk Encryption Device), and TSEC/KOI-18 General Purpose Tape Reader.

TEMPOROMANDIBULAR DISORDER - MASL : P175655

Designed to 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 hinge axis and interocclusal records, manipulation of semi-adjustable articulators.

TERMINAL INSTRUMENT PROC - MASL : D121020

The course trains officers and Airmen to perform the duties prescribed for an Automated Terminal Instrument Procedures (TERPS). Training includes: Introduction to TERPS, General Criteria, TERPS Automation, Database Management, Terminal Area Fixes/Waypoints, Precision Approach Procedures, Non-Precision Approach and Radar Procedures, Diverse Departures, Terminal Airspace, Aeronautical Studies, Waivers, Administration, Digital Mapping, Source Documentation, MVAC, MIFRAC, PAR equipment, and RNAV.

TH-67 ADV IFR - NORWAY - MASL : B113078

Provides additional instrument training beyond that received in the Initial Entry Rotary Wing Aviator course. Includes physical and mental skills and information as necessary for accomplishment of rotary wing instrument flight tasks and flight planning.

THE ARMY INSTRCTOR TNG CRS - MASL : B179921

The Methods of Instruction portion contains lessons on the basic fundamentals and techniques of instruction to include training objectives; lesson plan types and format; training aids; USAOMMCS evaluation program; training support; and student planning and presentation of two lessons. The Counseling and Guidance portion includes lessons on interpersonal communication skills, listening skills, body language, counseling fundamentals, documentation of the counseling session and students are also given the opportunity to role-play different counseling situations.

THEATER AIR OPNS TRNG - MASL : D122055

To provide Air Force Security Assistance Training (AFSAT) for international officers in the advanced knowledge and skills needed to perform air battle manager duties in an air operations center (AOC) environment

TMDE MAINTENANCE SUPPORT SPECIALIST - MASL : B142501

To provide training in the skill and knowledge required to maintain the U.S. Army Test, Measurement and Diagnostic Equipment (TMDE) program, including calibration and troubleshooting of Army peculiar TMDE and provides training on the identified Army-wide Warrior Training Tasks and Battle Drills requirements.

TOP KNIFE II (SN) - MASL : D119052

The TOP KNIFE II course is designed to educate flight surgeons and other selected medical professionals about the demanding world of fighter pilot aerospace medicine. Provides training to flight surgeons on their role as providers/crewmembers in high performance aircraft. Provides a comprehensive background in the physiology of high performance flight as well as tactical, operational and squadron environments. Training is accomplished through a combination of medical didactics, flying academics, tactical flying sorties, and various simulators. Training can be conducted at Luke AFB, AZ or at Kelly Field, TX using TC Syllabus F16C0FS0PL.

TRACK DATA COORD - MASL : P121154

MULTI-TADIL (TACTICAL DIGITAL INFORMATION LINK) TRACK DATA COORDINATOR

To provide selected Naval Personnel (Operations Specialist, E3-E9, and Officers, 01-03) with the requisite knowledge of the capabilities and limitations of Link capable units, Data Links, 11, and 16; and the necessary skills to write an Optask Link Message, initialize and monitor Links 11 and 16, and operate in a multi-link environment in accordance with Joint Maritime TADIL Operating Procedures 6120.1C and current operational directives.

Scope: This course provides the knowledge and skills required of Naval personnel in the Operations Specialist rating (E3-E9) and Officers (O1-O3) to perform as Tactical Information Coordinator (Tic)/Track Supervisor and/or Interface Control Officer. Upon completion of this course of this course of instruction the trainee will have obtained the knowledge and skills to : Initialize the C2P Subsystem, Links 11 and 16 in accordance with Joint Maritime TADIL Operating Procedures 6120.1C. 3. Monitor the C2P Subsystem and Links 11 and 16 in accordance with Joint Maritime TADIL Operating Procedures 6120.1C.

TRACKED VEHICLE MECHANIC - MASL : B144314

Initial entry level (IET), automotive Direct and General Support (DS/GS) maintenance training emphasizing maintenance publications, tools, TMDE, maintenance safety and discipline, troubleshooting, repair, and replacement of assemblies and components.

TRAFFIC MGT APR - MASL : D153029

Provides training for planning, arranging, and procuring air, rail, motor carrier, and bus transportation service for DoD military and civilian personnel and dependents, including shipment and storage of personal property, house trailers, and privately owned vehicles; classifying, documenting, and arranging for shipment of government-sponsored cargo by military air and motor vehicle and by commercial air, rail, express, motor carrier, and parcel post. Provides instruction in operating material handling equipment; procedures for receiving inbound shipments; performing packing and crating procedures; preservation of items; custom requirements; freight terminal operations; saw operations and heat sealing; deployment operations; data automation; security and safety. Utilizes the TOPS and CMOS computer systems.

TRAINING MGT & DEVELOPMENT - MASL : D162030

This course provides training for officers, NCOs, and civilians to enable them to effectively develop, administer and evaluate On-The-Job Training (OJT) Programs. The course is oriented for middle to upper-level training supervisors and managers who are directly involved with job-specific training activities. The training concepts taught in this course are easily adaptable to any professional specialty and include how to plan an OJT program, administer training, evaluate training programs, prepare training directives, and document an OJT program.

COURSE DESCRIPTION

- BLOCK I - OJT ORGANIZATION This block covers basic organization of OJT programs. Topics include structure of the OJT program, OJT responsibilities for the supervisor/trainee, presentation of an impromptu speech, developing a specialty job description, and documenting and maintaining training forms and records. The student learns to develop training charts, OJT records, and master task listings as well as determine training needs, capabilities, and resources. Training scheduling processes is also covered.
- BLOCK II - HOW TO CONDUCT, EVALUATE, AND DOCUMENT TRAINING Block II focuses on the actual execution of training programs. Topics include initiating the training process, identification and application of the laws of learning (training related), selecting training strategies and principles, and selecting/applying training methods and techniques. The student learns to develop and apply the demonstration-performance method, as well as select and apply training evaluation methods. Instruction also includes managing the training evaluations process and developing effective written and performance tests.

TRAINING SYS SPECIALIST - MASL : D166024

This course provides training in the development, administration, and management of work center training programs to include training program design and development, use and interpretation of various training reports, including Core Automated Maintenance System (CAMS) reports, maintenance training functions, management of Career Development Course (CDC) programs, the design and use of automated products, and hands-on application in staff assistance visits (SAVS) and teaching the Air Force Training Course.

TRANSP STOW HAZ MAT - MASL : P153050

HAZMAT Transportation

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.

TRANSPORTATION BASIC OFFICER LEADER - MASL : B121290

PROPOSED IMPLEMENTAION FY06.PROPOSED IMPLEMENTAION FY06.

TRAUMA REFR CRS FOR SURGEO - MASL : D309025

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country’s capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

TRAUMA REFR FOR SURGEONS - MASL : P175801

TRAUMA REFRESHER COURSE FOR SURGEONS (TRCS)

Course Objectives:

- 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.

TRAUMA/CRIT CARE PARARESC - MASL : D309024

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

TRNG, MANPWR & PERS MGT - MASL : P179204

Manpower, Personnel, Training and Education (MPT&E) Course (MASL P179204) This training 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 approximately 3 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. The approximately 3 weeks following contain orientation tours of military activities, which are designed to show modern training techniques, technologies, and procedures. Additionally, the International Instructor Training School is also an optional course to be taken by all personnel attending this course (please see course description and MASL numbers below).

INTERNATIONAL INSTRUCTOR TRAINING SCHOOL (IITS): Course objective is to provide 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 of instruction is divided into 3 phases:

- PHASE I - Management Information System (MASL PDET002) (2 weeks) is an intensive phase of instruction that provides the student with required computer skills in the following areas: Operating Systems, Word, Excel, Access, PowerPoint, Internet, and Networking Fundamentals. Note that Phase I is not a prerequisite for the final 2 phases; however, Phase I is highly recommended and complements Phases II and III.
- PHASE II - (MASLs P166308 and P166309) Facilitated computer based training (CBT) (3 weeks) consists of four facilitated CBT modules of instruction individually tailored to student needs. This provides the student with the specific technical knowledge, skills, and tools required to successfully complete the two required performance tests and to perform successfully in their future positions. The training includes, but is not limited to the following: Instructor Training Overview, Effective Communication Techniques, 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 Details, Mentoring - Instructors are Leaders, Preparation of Lesson Plans, and a Practicum.
- PHASE III - (MASL 166316) Two performance tests (1 week) are required for the learner to pass in order to become a certified Journeyman-Level Instructor - tests are graded by the student using CBT facilitated format and stand-up instruction using technology.

TRNSP HAZARDOUS MATERIALS - MASL : D153019

Replaces L3AZR2T000 009, Hazardous Materials Preparer (Initial)(Resident). NOTE: This course number change is due to the mandated HQ TC Course Number System initiative and NOT due to course material changes.

Provides training for selected DoD military and civilian personnel to prepare hazardous material shipments for transport via military air, commercial air, rail, motor, and water modes. Provides packaging requirements and procedures for marking,

labeling, placarding, and compatibility requirements. This course meets the formal training requirement for preparers of hazardous materials according to AFMAN 24-204(I) and meets the provisions stated in the Hazardous Materials Training Working Group common core curriculum. Authorizes personnel to certify the shipper's certification on government bills of lading and provides training to complete and certify legally binding certification documents (such as, shipper's declaration for dangerous goods, and shipper's certification for military air) for shipments of hazardous materials according to DoD, commercial, and military publications.

TROP WEATHER ANALY > FCST - MASL : D121014

Training in specialized techniques required for analysis and forecasting in the tropics. Intended primarily for Air Force personnel with assignment, or potential assignment, to duties that require forecasting for tropical areas. The course contains instruction in tropical climatology, kinematics and dynamics of the tropical atmosphere, analysis techniques, application of satellite data to analysis, and forecasting methods for tropical systems. Emphasis is placed upon lab application of analysis and forecasting techniques.

TROUBLESHOOTING ELEC PWR - MASL : D148132

Provides knowledge and skills needed to perform advanced electrical troubleshooting of electrical power generating equipment. The scope of training includes: Electrical characteristics of current, voltage, resistance, and power in direct current (DC) circuits; Requirements and factors affecting AC power generation; Soldering techniques; In-depth reading/interpretation of electrical wiring diagrams and troubleshooting of the MEP-007B and Onan (80 kW) generator sets; Construction features, theory of operation, and troubleshooting of Onan and Zenith automatic transfer panels (ATP).

U.S. COAST GUARD ACADEMY - MASL : P170011

FOUR-YEAR UNIVERSITY. This U.S. service academy s cadet (undergraduate-level) program is demanding both physically and mentally. Professional education in nautical science, military training, and physical fitness are given. Training culminates in the individual receiving a bachelor of science degree in one of the following majors (specialties): marine engineering and naval architecture, electrical engineering, civil engineering, mechanical engineering, marine and environmental sciences, management, or government. The sponsoring government must agree in advance to reimburse the USCG for all costs incurred for a cadet' s training at the Academy (predetermined price varies annually), except where a waiver has been granted by the Commandant, and also must agree that, upon graduation, the cadet will serve in the comparable maritime service of his/her respective country, for an appropriate period of time, as determined by the sponsoring government.

U-36 SIMULATOR - MASL : P128011

Lear Jet (U-36) Simulator Training.

UH-1 FLIGHT SIMULATOR - MASL : B119962

Training will consist of emergency procedure training, instrument training, visual flight training, crew coordination, and aircraft system training. Specialized training available upon request. Contact the IMSO for special requests.

UH-1 HELO RPR SUPVR BNCOC - MASL : B141780

Technical training in the aircraft maintenance management field is oriented toward developing skills and knowledge of aircraft maintenance management principles and procedures. The student is provided with the training required to successfully perform the supervisory and technical inspector (TI) duties required of MOS 67N30.

UH-1 MAINT MGR/MAINT TP - MASL : B141782

Based on tasks that are specified for skill level I training; also covered subjects (Not included in the trainer's guide) considered necessary for student understanding and proficiency in powertrain repair and non-destructive testing skills.

Foreign Military Latin American and selected National Police Personnel. Course covers the systems for the OH-58A/C, UH-1H and UH-60. The OH-58 is similar to the Bell 206; UH-1H is similar to the Bell 204, 205 and to a lesser extent, the 212 and 214 series aircraft, this course will only be trained with military manuals.

Information on this course can be obtained by calling Training Operations Division, USAALS at DSN 826-6474 ext 3359 or comm 757-878-6474 ext 3359.

UH-1H HELO MECH - MASL : D141304

This course was designed to provide the apprentice level helicopter crew chief with specific advanced maintenance on the UH-1H airframe and its systems. Emphasis is placed on those tasks that relate to the journeymen level such as operating adjustments, component overhaul and troubleshooting of most common helicopter anomalies.

COURSE DESCRIPTION

- BLOCK I - GENERAL FAMILIARIZATION This block begins with flight line safety responsibilities at the supervisory level. Students will receive a thorough understanding of flight controls and rigging procedures. They are familiarized with tasks related to airframe and landing gear inspections, landing gear cap adjustments, deflection checks and weigh the helicopter using load cells. Flight control inspections are performed and troubleshooting procedures discussed. Rigging procedures are performed on the collective, cyclic and tail rotor flight control systems.
- BLOCK II - T 53-L-13 TURBOSHAFT ENGINE MAINTENANCE Adjustment and troubleshooting of the T-53 turbo shaft engine and its components is the focus in this block. Students will perform engine throttle and power control rigging. They will also perform engine to transmission alignment and starting engine procedures using the UH-1 systems trainer.
- BLOCK III - ROTORS AND DRIVE TRAIN SYSTEM Main and tail rotor hub assembly inspection and overhaul procedures are accomplished. The main rotor hub is disassembled and reassembled with special emphasis on seal replacement. Wear limitations are identified and discussed. Dynamic balancing procedures of main and tail rotors are accomplished through hands-on training. The student will learn the operating characteristics of the drive train system. They will also become skilled on how to disassemble and reassemble the drive shaft hanger bearings and main drive shaft. Students will gain knowledge of operating principals of all gearboxes. They will learn to remove, inspect, and install the 42 degree and 90 degree gearboxes
- BLOCK IV - HELICOPTER VIBRATIONS AND VIBRATION ANALYSIS EQUIPMENT In this block the student is taught vibration characteristics and their effects on the helicopter airframe and rotating components. They will learn to install and use vibration analysis equipment and apply troubleshooting techniques to solve vibration problems. Students will install actual equipment on aircraft and apply troubleshooting procedure with a whirly-gig simulator to reduce vibrations. An in-depth introduction to the 8500 spectrum analyzer, its use and function is described.

UH-1H MOUNTAIN QUAL - MASL : B113205

The course consists of flight training during which the student will perform normal and terrain flight navigation, takeoffs and approaches to pinnacles, ridgelines, and confined areas, in terrain varying from rolling hills to steep jagged cliffs with altitudes ranging from 6,500 feet PA to over 14,000 feet PA. Emphasis on risk management, environment mastery, crew coordination, safety awareness, power management, and performance planning.

UH-1H/T-53/L-13 ENGINE - MASL : D141242

This course is designed to provide jet engine technicians with a thorough understanding of all T-53-L-13B engine systems and maintenance procedures. Students learn the necessary skills to perform intermediate and organizational level maintenance on the T-53 -L-13B engine. Students are required to pass a written and or performance tests at the end of certain blocks prior to advancement to the next block of instruction.

COURSE DESCRIPTION

- BLOCK I - ENGINE SYSTEM FAMILIARIZATION AND OPERATION This block begins with a course orientation, in which students learn about the academy's policies and procedures along with academic requirements. Immediately afterwards, students begin learning the general characteristics and theory of operation of the T-53-L-13B engine. With a strong foundation in theory of operation, students begin in-depth study of oil, torque meter, fuel, electrical, variable guide vane, compressor, bleed air, and anti-icing systems.
- BLOCK II T-53 ENGINE COMPONENTS AND MAINTENANCE PROCEDURES The students receive instructions and are made aware of general safety issues concerning T-53 engine maintenance. The second block covers general maintenance and inspection concepts, removal and inspection of reduction gear assembly, removal of N1 accessories and gearbox assembly, and upper compressor case removal and inspection. The 2J-T-53-16 engine technical manual is explained in detail. Students learn how to proficiently use it to find information to remove,

disassemble, and inspect the combustion and turbine assembly. The students receive hands-on experience on the tear-down and build-up of the T-53-L-13B engine to include: inspection of the diffuser section; removal, inspection, and installation of the fuel control and its designated filters. This block of instruction culminates with engine preservation, storage procedures and is measured with a written examination.

- BLOCK III UH-1H HELICOPTER ENGINE MAINTENANCE Students are familiarized with engine related systems on the UH-1H helicopter. They learn to safely remove, inspect, and install the T-53-L-13B engine. They also learn to properly adjust engine controls for normal operation. The last unit in this block deals with a discussion on troubleshooting procedures of all engine systems. This block of instruction ends with a written examination and course assessment.

UH-60 AVIATOR QUAL - ALL - MASL : B113037

Provides the student with the necessary skills and knowledge required to achieve pilot qualification in the UH-60 helicopter. Includes training in the mental and physical skills required for the accomplishment of pilot duties through instruction in aircraft systems, navigation and command instrument systems, combat skills, flight training, mission planning, and safety. Aviators who are night vision device (NVD) qualified will receive NVD qualification in the uh-60. Aviators not NVD qualified will receive NVD familiarization based on proficiency.

UH-60 AVIATOR QUAL - EN - MASL : B113169

Course Scope:

Provides the student with the necessary skills and knowledge required to achieve pilot qualification in the UH-60 helicopter. Includes training in the mental and physical skills required for the accomplishment of pilot duties through instruction in aircraft systems, navigation and command instrument systems, combat skills, flight training, mission planning, and safety. Aviators who are night vision device (NVD) qualified will receive NVD qualification in the UH-60. Aviators not NVD qualified will receive NVD familiarization based on proficiency.

UH-60 AVR QUAL - SPANISH - MASL : B113127

Course designed to provide the student with the necessary skills and knowledge required to achieve pilot qualification in the UH-60 helicopter. Training in the mental and physical skills required for the accomplishment of pilot duties is achieved through instruction in aircraft systems, navigation and command instrument systems, combat skills, flight training, mission planning, and safety. Aviators will receive night vision device (NVD) qualification training in the UH-60 helicopter.

UH-60 FLIGHT SIMULATOR - MASL : B119960

This MASL is used when UH-60 Flight Simulator is programmed.

UH-60 FLIGHT SIMULATOR - MASL : B119981

This MASL would be programmed when UH-60 Flight Simulation training is required.

UH-60 FLIGHT SIMULATOR - MASL : B119951

This MASL would be programmed when UH-60 Flight Simulation training is required.

UH-60 HELICOPTER RPR SPAN - MASL : B141729

Emphasis is on aircraft maintenance technical training. Instruction covers aircraft maintenance procedures that will provide the student with the skills and knowledge necessary to perform UH-60 maintenance: replacing system and subsystem assemblies and components; servicing and lubricating components and obtaining oil samples; performing limited maintenance operational checks, scheduled inspections, and troubleshooting; using and maintaining ground support equipment and common, special, and precision tools required for maintenance and ground handling; using hand and arm signals to guide aircraft; using applicable forms, records, and publications; and using the Unit Level Logistics System-Aviation (ULLS-A).

Special Information:

Latin American personnel only. Information on this course can be obtained by calling Training Operations Division, USAALS at DSN 826-6474 ext 3359 or comm 757-878-6474 ext 3359.

UH-60 HELO REPAIRER - MASL : B141778

Trains the student in the use and preparation of selected forms and records applicable to Army Aviation Maintenance to include Unit Level Logistics System-Aviation (ULLS-A); to perform AVUM and AVIM tasks, to include component removal, inspection, and requisitioning of repair parts; to perform visual inspections to identify common, precision and special

tools; to identify and select correct fuels and lubricants used on the UH-60 Helicopter; and to train the student in the facets of shop and flight line safety procedures.

UH-60 HELO RPR SPAN-PLN CO - MASL : B141731

Emphasis is on aircraft maintenance technical training. Instruction covers aircraft maintenance procedures that will provide the student with the skills and knowledge necessary to perform UH-60 maintenance: replacing system and subsystem assemblies and components; servicing and lubricating components and obtaining oil samples; performing limited maintenance operational checks, scheduled inspections, and troubleshooting; using and maintaining ground support equipment and common, special, and precision tools required for maintenance and ground handling; using hand and arm signals to guide aircraft; using applicable forms, records, and publications; and using the Unit Level Logistics System-Aviation (ULLS-A).

UH-60 HELO RPR SUPV BNCOC - MASL : B141767

Technical training in the aircraft maintenance management field is oriented toward developing skills and knowledge of aircraft maintenance management principles and procedures. The student is provided with the training required successfully perform the supervisory and technical inspector (TI) duties required of MOS 67T/15T30.

UH-60 HELO RPR SUPV SPAN - MASL : B141726

Technical training in the aircraft maintenance management field is oriented toward developing skills and knowledge of aircraft maintenance management principles and procedures. The student is provided with the training required to successfully perform the supervisory and technical inspector (TI) duties required of UH-60 Helicopter Repairer Supervisor.

UH-60 INSTRUCTOR PILOT - MASL : B115021

Course consists of flight and academic instruction in theory of flight, instructing fundamentals, aircrew training, regulations, safety, automatic flight control system, power train, hydraulic and electrical systems, malfunction analysis, and night academics; methods of instruction for contact maneuvers, tactics and night vision goggle maneuvers, dual and single operations, and emergency procedures.

UH-60 IP MOI (GRAD) - ALL - MASL : B115009

Flight and academic instruction in theory of flight, instructing fundamentals, aircrew training, regulations, safety, automatic flight control system, power train, hydraulics and electrical systems, malfunction analysis, methods of instruction for contact maneuvers, tactical tasks, night vision goggles training, dual and single engine operations, emergency procedures, and command instrument system operations. Sufficient depth of knowledge will be gained to enable the graduate to teach academic and flight instruction in the UH-60 aircraft.

Flight and academic instruction in theory of flight, instructing fundamentals, aircrew training, regulations, safety, automatic flight control system, power train, hydraulics and electrical systems, malfunction analysis, methods of instruction for contact maneuvers, tactical tasks, night vision goggles training, dual and single engine operations, emergency procedures, and command instrument system operations. Sufficient depth of knowledge will be gained to enable the graduate to teach academic and flight instruction in the UH-60 aircraft.

UH-60 SIMULATOR - KOREA - MASL : B119904

This MASL is used when UH-60 Simulator-Korea is programmed.

UH-60/CH-47 HELICOPTER ELECTRICIAN - MASL : B141754

Restore electrical systems and subsystems, to include troubleshooting and repair of aircraft wiring and stabilization, basic electronics theory, aircraft battery maintenance, common soldering and systems installation practice with use of associated tools and test equipment.

UHF SYSTEMS TECHNICIAN - MASL : P139224

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.

UHPT FLIGHT INST - MASL : P115006

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.

UNIT MVMT OFF DEPLOY PLAN - MASL : B153729

Unit deployment planning; unit movement plans; plans and conduct of movement training; COMPASS/AUEL; unit movement automation; preparation of unit supplies and equipment; hazardous cargo by surface mode; plan and conduct CONUS highway operations; convoy documentation; marshalling procedures; use of containers in unit deployment; rail movement planning; railway equipment characteristics and use; blocking, bracing, packing, crating and tie down procedures and equipment for all modes; rail load out exercise; host nation rail; sea deployment, strategic airlift, A/DACG operations, preparation of supplies, equipment and personnel for movement by air, and building a 463L pallet; unit deployment through the sea port of embarkation; use of Military Shipping Labels (MSL) (TC-ACCIS familiarization); port support activity; prepositioned stocks are mentioned in several blocks of instruction; and theater reception and redeployment.

UNIT SUPPLY SPECIALIST - MASL : B152466

Procedures used to request, receive, store, issue, and maintain or establish accountability of individual, organizational, installation and expendable/durable supplies and equipment; maintain security and administration of a unit arms room, and organizational maintenance of small arms; setup and operate a computer system, install and use DA Pam 25-30, use automated forms program to create selected forms, and use the ULLS-S4 automated supply program to operate and manage the supply operation at unit/organizational level.

UNIT SUPPLY SPECIALIST ANCOC - MASL : B152467

Inspections; leadership; operations management; correspondence; briefing techniques; effective listening; personnel management; the enlisted promotion system; non-commissioned officer development; military justice; safety; threat; Army and platoon operations; technical assistance to units; requesting and posting changes to authorization documents; maintaining status of funds (Tactical Unit Financial Management Information System/Standard Financial System/Self Service Supply Center; TUFMIS/STANFINS/SSSC); manual property book procedures; unit readiness (DA Forms 2406 and 2715); supply services; maintenance and transportation in the theater of operations, and methods of obtaining relief from responsibility for property. Automated data processing training will be limited to subjects such as fundamentals of automation and introduction to the operation of the Unit Level Logistics System S-4.

UNIT SUPPLY SPECIALIST BNCOC - MASL : B152468

Provide a training overview of the capabilities, purpose, use, and alternate CP configurations of the FBCB2 system. Also, provide training on how FBCB2 integrates with other ABCS systems

UNIX SOLARIS/LAN OV (KS) - MASL : P179365

GIS COMPUTER NETWORK OPERATION AND MAINTENANCE (O&M) (KOREA)

Through Classroom presentation with simulations and tactical equipment use, where appropriate, this course provides the student a detailed knowledge of the GIS element Advanced Processing Services (APS), enclosures, and AN/UYQ-70 based tactical display equipment theory, operation, and maintenance. The course covers the physical, functional, and operational elements of the GIS Advanced Processing Services (APS). Also included, are the Mission Critical Enclosures (MCE) and Commercial-Off-The Shelf (COTS) related equipment Functional and operational description of the AN/UYQ-70 tactical display equipment will be discussed. Basic operation of the ORTS, to include Fault Detection and Fault Isolation (FD/FI) testing of the MCE cabinets will be included. Other areas covered will be ADS, ADS Command Role, and submode operations to support warfare operations.

UNRP E/E CNTR(INACT @ EWL) - MASL : P149302

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 fourth 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. 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.

UNWTR DEMOL/SEAL INDOC - MASL : P124302

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.

UNWTR DEMOL/SEAL TRNG BAS - MASL : P124301

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.

USA C&GSC OFF PREPARATORY - MASL : B171782

Attended by all international officers, officers from other U.S. military services, and U.S. Army Chaplain, Judge Advocate General, and AMEDD officers. It is a course in U.S. military and U.S. Army terminology, organization, tactics, logistics, and management. It also provides the international officers with an appreciation of the political, social, and economic factors which have bearing on U.S. people, their traditions, and their way of life.

USA FLIGHT SURGEON PRIMARY - MASL : B175260

The course covers Army regulations pertaining to aviation medicine, Army flight surgeon responsibilities and procedures, Army Flying Duty Medical Exam administration, Army aviation organization and operations, rotary wing aerodynamics, aviation safety, aircraft accident investigation, flight physiology, aviation medicine issues of clinical specialties, health service support of aviation units and operations, aeromedical evacuation, and deployment medicine issues of the aviation operation environment.

USA SERGEANTS MAJOR ACAD - MASL : B171200

The Sergeants Major course is a task-based, performance-oriented, scenario-driven course of instruction designed to prepare promotable Master Sergeants for Sergeants Major and Command Sergeants Major positions within a force projection army. Major subject areas include leadership, combat operations, and sustainment operations. Specific areas of study include team-

building, communicative skills, national military strategy, training management, force projection, operations other than war, Reserve Components, and a professional development electives program. The course integrates the learning objectives from the Battle Staff NCO course, the Master Fitness Trainer course, and facilitator training. To identify battle-staff qualification, graduates will receive the ASI2s upon successful completion of the course. Additionally, qualified students who successfully complete master fitness training during extension studies will receive the ASIP5. Course emphasis is on skills, knowledge, and attitudes required for Sergeants Major to excel in positions of greater responsibility throughout the defense establishment.

USA SGT MAJ ACAD PREP - MASL : B171201

In-processing; orientation; duties and functions of the International Military Student Office; federal, state, city, local, installation, and USASMA regulations and policies; currency; living allowances; conduct and personal appearance; dependent care; firearms; off-limits establishments; medical and dental examinations; emergency care; leaves and passes; travel; overview of the Sergeants Major course, International Fellows Program, Informational Program, and the Physical fitness training program; team building and group process; preparation for class, briefings, and presentation; using the Learning Resource Center; U.S. Army uniform equivalents; USASMA history and command briefing; techniques of military briefing; Army writing; military acronyms and abbreviations; country brief standards; NCO history and museum tour; American military culture, customs and courtesies; understanding and expecting cultural differences; human rights issues; computer training using Microsoft Office Word, Excel, and PowerPoint, and maintaining an e-mail account on a newly issued notebook computer and printer; Informational Program includes the history of El Paso, Fort Bliss, and the southwestern area of the U.S.; city, county, state, and federal governments and law enforcement agencies, and introduction to a ten-month study of the culture and lifestyle of the American society.

USAF CENTRIFUGE TNG CRS - MASL : D128025

A two-track course that provides qualification (Track 1) and refresher (Track 2) centrifuge training to Air Force and other non-DOD and FMS aircrews. AFI 11-404 provides a detailed description of the centrifuge training requirements. Instructs aircrews in procedures and techniques for increasing High G tolerance. Classroom instruction provides information on High G physiology, proper anti-G straining techniques, and prevention of G-Loss of Consciousness. Centrifuge runs provide aircrews an opportunity to practice an effective anti-G straining maneuver and also provide an assessment of the aircrew's ability to transition to high-G aircraft. Completion of the appropriate track of centrifuge training is a prerequisite for entry into all fighter formal training courses. * The retraining program is 3 days. This program is for aircrews who fail qualification training. Refer to AFI 11-404 for additional information.

USAF LIFE SCI EQUIP INVEST - MASL : D122094

NOTE: Course number L3AZR 1T171 000 will be replaced by course number L3AZR1T171 0L1A effective with the 7 Nov 06 class. Provides the knowledge to conduct the life sciences equipment portion of a Safety Investigation Board (SIB). Familiarize students with aircraft safety investigation board responsibilities, mishap investigation techniques, and formal report writing.

USAF SENIOR NCO ACADEMY - MASL : D171029

Conducts an advanced professional military education program for selected senior NCOs to better prepare them for their leadership responsibilities by expanding their leadership and managerial capabilities and their perspective of the military profession. The curriculum, designed to meet senior NCO needs, consists of lectures and small group work seminars. The principal instructional method is the 12 to 14 member-guided discussion. In this forum, students share ideas and experiences and work collectively to achieve various educational objectives. Members of the Academy's faculty and speakers from AU, Headquarters USAF, other commands, and civilian agencies lecture at the Academy. The Academy curriculum is based on the belief that the senior NCOs attending the course bring with them some understanding and competence in all areas of the curriculum. Curriculum modules include: Communications Skills, Profession of Arms, and Leadership and Management (Behavior Analysis, Human Relation Development, and Organizational Management) and Combined Ops.

UTILITIES SYS APR - MASL : D148211

This course provides training for Air Force personnel in the Enlisted Classification Directory for the 3E431 AFSC. Training includes the fundamentals of utilities systems, water systems and waste water systems; installation of fixtures; repair and maintenance of plumbing systems; repair of interior piping systems; repair of exterior piping systems; backflow prevention; and utilities equipment. The AF-unique portion of this consolidated tri-service course includes Air Force Civil Engineer organization and Utilities Career Field structure; utilities-specific mathematics, biology and chemistry; fundamentals of water and wastewater treatment; special systems; and utilities-specific contingency operations.

VBSS TEAM TRAINING - MASL : P124013

VBSS TEAM TRAINING

VETERINARY FOOD INSP SP (BASIC) - MASL : B175239

Provides enlisted personnel the techniques used to determine identity, condition, and quality in the food groups; red meats to include pork, water foods, poultry, eggs, dairy products, fresh fruit and vegetables, and semi perishables. Sampling procedures and forms; contract administration; basic food inspection procedures to include sensory evaluation; and basic food establishment sanitation. Safety and quality assurance procedures; surveillance inspection and veterinary preventive medicine. Work uniform required.

VIBRATION BASICS - MASL : P145537

VIBRATION BASICS

The Vibration Basics Course outline of instruction provides personnel with the knowledge and skills necessary to properly perform machinery vibration measurement as a key component of a Condition Based Maintenance Program. Students will be provided coverage of vibration measurement basics, data acquisition sensors and instrumentation, various measurement standards, and necessary physical and mathematical models for understanding actual measurements and what they represent. The course demonstrates how these components are utilized to form a Condition Based Maintenance Program in a hands-on fashion. The course includes use of vibration instrumentation and actual machinery vibration data acquisition and review. The student will be able to properly perform machinery vibration measurements on machinery afloat and ashore as part of a modern Condition Based Program.

VLS ISEA/FSR TRNG - MASL : P195125

"USN MK 41 IN-SERVICE ENGINEERING AGENT/FIELD SERVICE REPRESENTATIVE (ISEA/FSR) COURSE"

SYNOPSIS: 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.

NOTE: Military personnel must be graduates of Mk 41 VLS O&M or equivalent course

VLS MK41 O/M BASELIII (NO) - MASL : P122037

MK41 VERTICAL LAUNCHING SYSTEM OPERATION AND MAINTENANCE BASELINE III COURSE

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. Strikedown Elevator/Crane Assembly
13. Package, Handling, Storage and Transportation Equipment (PHST)
14. Strikedown Replenishment Equipment
15. Magazine Support Equipment.

VLS MK41 OPS/MT/MAG SPKLR - MASL : P195154

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.

VLS MK41(Deact-See TCC) - MASL : P122061

1. 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: 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.

VLS STNDRD MISS ENCAN/DECA - MASL : P195145

This course will provide the student with the skills and knowledge necessary to safely and efficiently install and remove STANDARD Missiles from t MK 13 VLS canisters and perform empty and loaded canister tests the MK 680 Combined Missile Test Set (CMTS). This Encan/Decan course includes, but is not limited to the following topics.

1. Safety overview
2. MK13 canister, MK 41 VLS and Standard Missile general overview
3. Missile inspection
4. Pack and unpack missile from its shipping container

5. MK13 canister inspection, testing and maintenance
6. Missile encanisterization and All-Up-Round (AUR) testing
7. Installation and removal of canister PHS&T
8. Missile decanisterization
9. Canister code plug configuration
10. Canister Code Plug recertification
11. Canister S&A manual safe precautions and procedures
12. VLS support and test equipment maintenance, certification and overview
13. Support documentation overview

VLSMK41(Deact-See TCC)(SP) - MASL : P195992

This is an FMS only version of the military Operation and Maintenance course taught at FTC San Diego and is tailored to meet the specific FMS requirements of a specific country and ship class. The course 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.

VTS CERTIFICATION - MASL : P124405

VESSEL TRAFFIC SERVICE (VTS) CERTIFICATION

To provide certified Vessel Traffic Control Specialists to operational VTSs having the basic knowledge, skills and abilities requisite to pursue local qualification. The objective of the course is to provide the student with knowledge regarding Vessel Service operations and to provide insights into port and commercial vessel operations. Supported by VTS and vessel bridge simulation the student gains understanding of the role played by a VTS in an operational port.

WARRIOR LEADER - MASL : B229002

Basic leadership skills, NCO duties, responsibilities and authority, and how to conduct performance-oriented training. It focuses on leader training for first time leaders. Produces battle competent junior NCOs who are qualified team/section/ squad leaders, trainers of leader and warfighting skills, evaluators and counselors, conductors/participants in individual and collective training, and performers/teachers of leader skills, knowledge, and attitudes. The course is non-MOS specific, taught in an NCO Academy live-in environment using small group instruction with practical application, followed by hands-on, performance-oriented training conducted in a field environment, culminating with a field training exercise. Cadre assess the student's leadership potential and evaluate their ability to apply lessons learned and effectively lead their classmates in a tactical environment.

WARRIOR LEADER - MASL : B229021

Basic leadership skills, NCO duties, responsibilities and authority, and how to conduct performance-oriented training. It focuses on leader training for first time leaders. Produces battle competent junior NCOs who are qualified team/section/ squad leaders, trainers of leader and warfighting skills, evaluators and counselors, conductors/participants in individual and collective training, and performers/teachers of leader skills, knowledge, and attitudes. The course is non-MOS specific, taught in an NCO Academy live-in environment using small group instruction with practical application, followed by hands-on, performance-oriented training conducted in a field environment, culminating with a field training exercise. Cadre assess the student's leadership potential and evaluate their ability to apply lessons learned and effectively lead their classmates in a tactical environment.

WARRIOR LEADER COURSE - MASL : B219906

Basic leadership skills, NCO duties, responsibilities and authority, and how to conduct performance-oriented training. It focuses on leader training for first time leaders. Produces battle competent junior NCOs who are qualified team/section/ squad leaders, trainers of leader and warfighting skills, evaluators and counselors, conductors/participants in individual and collective training, and performers/teachers of leader skills, knowledge, and attitudes. The course is non-MOS specific, taught in an NCO Academy live-in environment using small group instruction with practical application, followed by hands-on, performance-oriented training conducted in a field environment, culminating with a field training exercise. Cadre assess the student s leadership potential and evaluate their ability to apply lessons learned and effectively lead their classmates in a tactical environment.

WARRIOR LEADER COURSE - MASL : B129908

Basic leadership skills, NCO duties, responsibilities and authority, and how to conduct performance-oriented training. It focuses on leader training for first time leaders. Produces battle competent junior NCOs who are qualified team/section/ squad leaders, trainers of leader and warfighting skills, evaluators and counselors, conductors/participants in individual and collective training, and performers/teachers of leader skills, knowledge, and attitudes. The course is non-MOS specific, taught in an NCO Academy live-in environment using small group instruction with practical application, followed by hands-on, performance-oriented training conducted in a field environment, culminating with a field training exercise. Cadre assess the student's leadership potential and evaluate their ability to apply lessons learned and effectively lead their classmates in a tactical environment.

WARRIOR LEADER COURSE (AI) - MASL : B219907

Basic leadership skills, NCO duties, responsibilities and authority, and how to conduct performance-oriented training. It focuses on leader training for first time leaders. Produces battle competent junior NCOs who are qualified team/section/ squad leaders, trainers of leader and warfighting skills, evaluators and counselors, conductors/participants in individual and collective training, and performers/teachers of leader skills, knowledge, and attitudes. The course is non-MOS specific, taught in an NCO Academy live-in environment using small group instruction with practical application, followed by hands-on, performance-oriented training conducted in a field environment, culminating with a field training exercise. Cadre assess the student s leadership potential and evaluate their ability to apply lessons learned and effectively lead their classmates in a tactical environment.

WATER SURVIVAL - MASL : D121002

Train aircrew members and other designated personnel in employing principles, procedures, techniques, and equipment that improve the probability of survival and recovery after over water ejection or bailout.

WATER SURVIVAL TRAINING - MASL : PDET006

Program provides international students the opportunity to qualify in one of several U.S. navy aviation oriented training programs including pilot, Naval Flight Officer (NFO), rescue swimmer, Basic Underwater Demolition/Seal (BUD/S), or aircrew training. The physical training is designed to build the students overall body strength in order to perform the many physically demanding tasks that are encountered during all types of flight training. Water survival training exposes student to special swim conditioning for familiarization, and be able to adapt to, the open water environment.

WATER TREATMENT SPECIALIST - MASL : B174861

Water purification and treatment equipment; storage facilities; distribution systems; site set-up operations, safety; environmental stewardship protection, and TRADOC-Mandated common military training (CMT) subjects.

WATERBORNE INSTRUCTOR CRS - MASL : P122033

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.

WEAPONS CONTROLLER - MASL : D302004

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country’s capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in

the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

WEAPONS CONTROLLER/MAP - MASL : D122009

To provide initial skills qualification training through the Security Assistance Training Program (SATP) for international officers who will perform duties as entry level weapons directors

WEAPONS SAFETY - MASL : D122091

Provides training for Air Force, ANG, Reserve, civilian, and international personnel who are assigned primary duty in weapons safety management. Includes the organization of the US Air Force safety program; governing nuclear and non-nuclear standards; support agreements; safety council/meetings; weapon safety training and education; weapon safety representatives; inspections and evaluation; flight line munitions operations; Operational Risk Management (ORM); weapons safety program management; mishap classifications and categories mishap investigation techniques; mishap reports; weapon safety inspection requirements; munitions storage methods; transportation of munitions; quantity-distance separations; weapons ranges, sitting, waivers, exemptions, and deviations; site plan packages; Air Force explosive exemption data base, and contingency operations.

WEAPONS/MUNITIONS - MASL : D308001

Training teams are composed of DoD personnel for the purpose of training foreign personnel. This assistance is provided to meet specific training objectives in connection with the development of a country's capability. It should be requested only after full consideration has been given to in-country capability and other DoD school training. Provided training is captured in the course title and reflected on the applicable training track line (wcn/suffix). Training is normally conducted at a specified location in the host country but can often be conducted for groups of internationals from different countries at a single location in either the CONUS or OCONUS.

WEAPONS/SENSORS OFF NFO - MASL : P114029

Course Mission: Advanced NFO/AF NAV S/F training is designed to further enhance navigation, communication, and aircraft systems management skills developed in Advanced Core NFO/AF NAV Training. Emphasis shall be placed on teaching the principles, rules, and concepts necessary to conduct aggressive air-to-air intercepts by requiring their pilot to fly the assigned aircraft throughout a mission profile to engage a simulated enemy aircraft from a correct missile firing position. Crew coordination and mission priorities are stressed in this teach-to-objectives curriculum. Skill and performance level standards are outlined in the Enabling Objectives (EOs). Successful completion of this phase of training qualifies graduates for Advanced Jet Training.

Scope: Primary Instructional Methods: Lecture, self-paced and group-paced; aircraft mission simulator; flight tutorial; instructional television; learning centers.

Student Performance Measurement:

a. Flight Support: Criterion reference testing is used for all examinations.
b. Flight and Simulators: All events are subjectively graded using nominative reference measurement procedures.
c. Final Phase Grade: Final flight support, flight, and simulator grades are combined algebraically and applied to the Navy Standard Scoring System in accordance with CNATRAINST1500.4E.

WEATHER - MASL : D121012

Familiarization (FAM) training offers over the shoulder observer training in an operational environment. It consists of general training objectives and normally complements the formal training that was received at the beginning of the students training pipeline. Familiarization training is normally two (2) weeks in duration and completion of standard familiarization objectives is subject to the availability of equipment and the job requirements of the operational unit to which the student is assigned. Training duration can exceed two (2) weeks if the student's country provides justification accompanied by specific training objectives. Familiarization training is normally tasked for scheduling approximately sixty (60) days prior to the completion date of the students preceding training.

WEATHER EQUIP SPEC - MASL : D146003

This course replaces E3ABR2E132 002/0A1A, Meteorological and Navigation Systems Apprentice, initial skills course. Note AFS name change.

This course offers initial skills training on Airfield Systems equipment to include meteorological, navigational, and air traffic control communications systems. Students learn to align, calibrate and troubleshoot an Instrument Landing System (ILS), Very High Frequency Omnirange (VOR), Tactical Air Navigation (TACAN), Automatic Meteorology Station (AMS), Digital Voice Recorder (DVR), Enhanced Terminal Voice Switch (ETVS), and a Very High Frequency (VHF) and Ultra High Frequency (UHF) transmitter, receiver and transceiver. Students also receive training in the use of test equipment to include oscilloscopes, frequency counters, signal generators, digital multimeters, voltmeters, wattmeters, spectrum analyzers, distortion analyzers, power meters, audio oscillators, and telephone test sets. Training also includes Safety, Operational Risk Management, Core Automated Maintenance System (CAMS), Technical Orders, Schematics, Air Expeditionary Force (F), and Flight Inspection and Facility Certification information.

WEATHER OFFICER - MASL : D121079

This course provides training for entry-level officers in AFSC 15W1. The major subject areas taught in the course include weather support, climatology, analysis techniques, satellite, WSR-88D Doppler Radar, Operational Weather Squadron (OWS) data terminal, special topics such as weather observations and equipment, tropical weather and oceanography, aircraft hazards, Numerical Weather Prediction (NWP) products, and operational weather squadron forecast laboratory.

WEATHER SPEC - MASL : D121008

Course prepares Air Force weather forecaster apprentices for a career in the 1W0X1/A career field. The scope of training includes training in basic, intermediate, and advanced meteorology. Meteorological reports and computer operations are also covered. Other topics include: satellite meteorology, weather chart analysis, weather radar, weather products, tropical meteorology, synoptic level analytical meteorology, weather prognosis techniques, forecasting weather elements to include severe weather, synoptic lab, forecasting lab, and a unit on the weather career field and weather equipment.

WEIGHT & BALANCE(GEN)**FTD - MASL : D149057

This internet-based course provides training to military and civilian personnel assigned to weight and balance responsibilities. Topics covered include weight and balance TOs, levels of responsibilities, terms, flight characteristics, handbooks, loading calculations and documentation. The proctored end of course test must be completed within 3 months of enrollment. Students who fail the course academically or do not complete the course within the allocated time will be eliminated and will incur a one-year re-enrollment penalty. Students may submit a request for extension due to extenuating circumstances through the training manager at 362trswebtrn@sheppard.af.mil.

WELDING ALUMINUM - MASL : P145422

This advanced welding course provides an in-depth working knowledge of gas metal arc and gas tungsten arc welding. The course teaches the following topics: characteristics of aluminum alloys, gas tungsten arc welding, gas metal arc welding, and non-destructive testing.

WELDING STEEL - MASL : P145421

This advanced welding course provides an in-depth working knowledge of shielded metal arc welding. The following topics are covered: shielded metal arc welding of mild- and high-yield steel, non-destructive testing, and carbon arc gouging/cutting.

WHEELED VEHICLE MECHANIC - MASL : B144186

Course Scope: To perform field level maintenance on automotive wheeled vehicles; wheeled vehicle operations; introduction to troubleshooting; fuel system maintenance; electrical system maintenance; power train maintenance; chassis, suspension, and steering maintenance; brake maintenance; preventive maintenance checks and services (PMCS); common maintenance subjects; TMDE; publications; maintenance forms; use and care of tools/power tools; shop safety; maintenance discipline; information systems security; physical fitness; use of Soldier's Manual and 40 warrior tasks and 9 battle drills.

WHEELED VEHICLE MECHANIC - MASL : B144187

To perform unit and direct support level maintenance on automotive wheel vehicles; wheel vehicle operations; introduction to troubleshooting; fuel system maintenance; electrical system maintenance; power train maintenance; chassis, suspension, and steering maintenance; brake maintenance; preventive maintenance checks and services (PMCS); recovery operations; common maintenance subjects; TMDE; publications; maintenance forms; use and care of tools/power tools; shop safety; maintenance discipline; information systems security; physical fitness; and use of soldiers manual.

WHEELED VEHICLE MECHANIC BNCOC - MASL : B143312

Maintenance management; supervision of unit maintenance on tracked and wheeled vehicles and MHE; recovery operations; supply management; inspection techniques; unit defense; battlefield cannibalization techniques; maintenance of TMDE; training management; and basic leadership.

WILDERNESS MEDICINE - MASL : P175235

MOUNTAIN MEDICINE

To become a proficient member of a Marine Corps rifle platoon as a supporting medical person, in a summer mountain environment. Students learn to move a casualty in a summer mountain environment without vehicle or air support. They become a proficient medical provider in a high altitude environment and learn to plan and conduct medical operations in a high altitude, summer mountain environment.

This course of instruction is designed to bring the students to a high standard of technical and tactical proficiency necessary for a mountainous environment. The course subjects cover mountain safety, balance climbing, top roping, rappelling, stream crossing, high and low angle rescue techniques, small unit leadership and discipline, utilization of pack animals, casualty movement over mountainous obstacles, casualty movement utilizing pack animals, diagnosing, treating and preventing heat and cold illness, in addition to high altitude illness, and preventative medicine.

Notes: Students attending this course must be military medical personnel. They must not be on cardiovascular medication or possess sickle cell anemia traits, and must score an outstanding on their most recent physical fitness test, and be free of chronic or acute orthopedic injuries.

WIRE SYS INSTALLER/MAINT - MASL : B132462

Learn to install, operate, and perform unit level maintenance on cable and wire systems, to include Digital Group Multiplexers (DGM), Remote Multiplexing Combiners (RMC), repeaters, restorers, telephones, test stations, intermediate distribution frames, and related equipment. Configure DGM and RMC for operations. Install, operate, perform PMCS and unit level maintenance on COMSEC devices. Splices and maintains fiber optic cable systems. Perform tests on cable communications systems to ensure circuit and system quality. Tests circuits/groups to detect and locate line faults. Operate manual and motorized cable construction equipment. Climbs poles, as necessary, and assist in the construction of tactical cable and wire lines.

WORK CENTER INSTRUCTOR - MASL : P145905

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).

WORKSPACE TRAINER QUAL - MASL : P166308

WORKSPACE TRAINER QUALIFICATION PROGRAM - CNL-IDC-AP-1

Program The Workspace Trainer (WST) Qualification Program enables personnel to acquire the knowledge and skills necessary to conduct effective on-the-job training. Apprentice Trainers will complete the thirty hours of on-line content, activities, and performance tests.

As the military services become increasingly reliant on on-the-job training (OJT) as a training delivery method, there is an increased need for military personnel who possess instructional skills. The Workspace Trainer Qualification Program provides these skills. This course is strongly recommended to be completed prior to entry into the Journeyman Instructor Training (JIT) course.

WPNS AND TACTICS INSTR CRS - MASL : P122261

WEAPONS AND TACTICS INSTRUCTOR (WTI) COURSE

This course will visit several subject matters to include different aircraft training, weapons systems, simulator training, classroom training, and observation.