Mission:
Train the World's Finest Medics, Corpsmen, and Techs; Supporting our Nation's Ability to Engage Globally

Vision:
Become a National Strategic Asset

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GENERAL INFORMATION

Vision:
Become a National Strategic Asset.

METC Mission Statement:
Train the world’s finest Medics, Corpsmen, and Techs; supporting our Nation’s ability to engage globally. Our Job #1 is training individuals to be the world’s finest Medics, Techs, and Corpsmen to have them leave us with the best knowledge, the best skills, the best attitudes, and (consequently) the best chance of success as they apply each of those things in support of our country. Our graduates must be the finest in three domains:

Finest as purveyors of their technical craft;

Finest as upright Sailors, Soldiers, Airmen, Coast Guardsmen, and others; fit to operate and excel within their service specific culture; and

Finest as individuals who understand and can execute their roles in joint endeavors.

HISTORY

METC is the result of the 2005 Base Realignment and Closure Commission legislation that required the bulk of enlisted technical medical training in the Army, Air Force, and Navy to be co-located at Fort Sam Houston, Texas. As a result, four major learning institutions for Navy and Air Force relocated to Fort Sam Houston, where the Army was already training its enlisted medical force under the Army Medical Department Center & School’s (AMEDD C&S) Academy of Health Sciences. The Naval School of Health Sciences (NSHS) in San Diego, Calif.; NSHS in Portsmouth, Va.; Navy Hospital Corps School (NHCS) in Great Lakes, Ill; and the 882nd Training Group (now the 937th TRG) at Sheppard Air Force Base moved to Fort Sam Houston. METC is now the largest military medical education and training facility in the world.

METC’s footprint covers more than 2 million square feet on Fort Sam Houston and cost more than $1.2 billion to build up and equip. After construction began on July 21, 2008, eleven new facilities were built including three student dormitories and five instructional buildings. Other construction included a dining facility, fitness center, and a Navy and Air Force shared command building. Six existing (AMEDD C&S) buildings underwent renovations to accommodate METC students.

METC entered into its initial operating capability on June 30, 2010. Its initial training course was radiography specialist. Other courses were phased in throughout the rest of the year and into 2011. METC became fully operational capable on September 15, 2011. More than 21,000 students are projected to graduate each year, with an average daily student load of
approximately 7,000. METC officials also employ an operating staff and faculty of 1,400. By
service, the student breakdown includes approximately 45 percent Army, 31 percent Navy and
24 percent Air Force. The longest program offered is cytology, which is the study of cells, at 52
weeks; and the shortest, at four weeks, is patient administration. METC offers over 50 medical
training programs.

ADMISSION REQUIREMENTS AND PROCEDURES

Each program has admission requirements based on how the service utilizes the
technical/specialty skills learned. Military personnel should contact their career counselor to
ensure they meet program pre-requisites and military requirements for the desired program.

ADMISSION REQUIREMENTS FOR INTERNATIONAL STUDENTS

International military students should contact their respective service office through their
country’s embassy to negotiate training opportunities at METC. For information, contact the
AMEDD International Military Student Office: ameddcs.imso@amedd.army.mil

GRADING SYSTEM

All METC student grades will be maintained in Student Management and Registrar Tool
(SMART) Army Training Requirements and Resources System (ATRRS), the official METC grade
book. The test plan for each program identifies how the grade point average (GPA) will be
determined and is programmed into SMART ATRRS.

ACADEMIC/SCHOOL CALENDAR

Training will occur Monday through Friday, 0800-1700 for every program conducted at METC.
METC is a military training institution and will observe every official federal holiday as identified
by the Office of Personnel Management (OPM). These holidays are New Year’s Day, Martin
Luther King, Jr Day, President’s Day, Memorial Day observance, Independence Day, Labor Day,
Columbus Day observance, Veteran’s Day, Thanksgiving Day, and Christmas Day.

RULES AND REGULATIONS FOR CODE OF CONDUCT

Academic integrity is fundamental to all academic endeavors at METC. Academic integrity is
defined as maintaining the principles of honesty, trust, fairness, responsibility, and respect.
METC students must commit to these five principles in all their actions. To protect the academic
integrity of METC all students must agree to the conditions of and sign the METC Academic Honor Code. Additionally, all military member students are required to abide by the provisions of the Uniform Code of Military Justice (UCMJ) and any additional service specific rules and regulations.

COPYRIGHT RULES

METC prohibits faculty, staff, and students from using its computer systems and networks to violate copyright law. Copyright is the exclusive right granted to an author to sell, publish, copy or distribute the form of something such as literary, filmed, or artistic work. These rights are protected under the United States Code 17-USC copyrights. This protection is available to both published and unpublished work. In order to protect METC from copyright infringement, all METC staff, faculty, and students must follow the proper regulations and procedures for copyright permissions. Violation of this policy may result in an immediate suspension or loss of computer or network privileges and/or potential disciplinary action. For more information pertaining to METC copyright rules, refer to the Standard and Evaluation Quality Assurance department.

STUDENT GRIEVANCE PROCEDURE

METC adheres to chain of command grievance reporting and also the grievance policies and procedures found in each student’s respective departmental inspector general program.

For additional information on grievance procedures, the Council on Occupational Education can be reached at 770-396-3898 or 1-800-917-2081, or at their website www.council.org.

ACADEMIC AND NON-ACADEMIC APPEAL

METC provides a thorough student problem resolution process for handling students’ academic affairs. All METC programs will address requirements leading to an appeal in their Student Evaluation and Administrative Plan (SEAP). Students are counseled verbally, and in writing, of SEAP requirements leading to awarding of a specific MOS (Military Occupational Code), NEC (Navy Enlisted Classifications), AFSC (Air Force Specialty Code), and what constitutes an AOB (Academic Oversight Board) discipline.

WITHDRAWAL POLICY

Because of service obligations, military students are not allowed to initiate withdrawal from any METC training program. However the service, unit, parent command or METC may remove the student from training for military or personnel reasons.
FINANCIAL AID, TUITION, FEES AND OTHER PROGRAM COSTS

No tuition or fees will be directly assessed against attending METC students. Accordingly, financial aid for students is not applicable. Tuition, fee, and other program costs assessed to the countries of prospective International Military Students (IMS) will be issued according to applicable rules and regulations found in Army Regulation 12-15, SECNAVINST 4950.4B, AFI 16-105, “Joint Security Cooperation Education and Training.” Other situations will be addressed on a case-by-case basis according to applicable Federal laws and regulations. International military personnel should contact the U.S. Army Medical Department International Training Office at 210-221-6020 for more information.

FACULTY QUALIFICATIONS

For faculty information, contact the Human Resources Department (HRD).

EDUCATION FACILITIES

A METC video is located on the website www.metc.mil under the heading, “Watch METC Tube” that shows a brief presentation of our education facilities and classes.

PERMANENT SITE

Medical Education & Training Campus
3085 Wilson Way
Ft Sam Houston, Texas 78234

Phone Number 210-808-6382

OCCUPATION CERTIFICATION AND LICENSURE

Many enlisted medical occupations require certification and/or licensure to obtain civilian employment. Refer to the service-specific and Career InfoNet websites below for credentials and/or certifications necessary to practice in both civilian and military positions:

Career InfoNet
Licensed Occupations: http://www.careerinfonet.org/
AIR FORCE:
  CCAF Credentialing and Education Research Tool: 
  https://augateway.maxwell.af.mil/ccaf/certifications/programs/

ARMY:
  Army Credentialing Opportunities On-line: https://www.cool.army.mil

NAVY:
  Navy Credentialing Opportunities On-line: https://www.cool.navy.mil
TRAINING PROGRAMS

ANCILLARY TRAINING DEPARTMENT

DIET THERAPY FUNDAMENTAL

School Code 083
USAF: Diet Therapy Fundamentals
USA: N/A
USN: N/A

Course Description:
The instructional design for this course is group paced and trains airmen to perform duties prescribed in AFMAN 36-2108 for the Diet Therapy Apprentice, AFSC 4D031. Training includes safety, sanitation and hygiene, introduction to food operations introduction to food preparation, readiness, introduction to food preparation and food preparation techniques.

NUTRITION AND DIET THERAPY

School Code 083
USAF: Diet Therapy Apprentice
USA: Nutrition Care Specialist
USN: N/A

Course Description:
The instructional design for the Nutrition and Diet Therapy Program consolidated courses are group-lock step. The Nutrition and Diet Therapy program provides training in basic nutrition concepts, medical nutrition therapy, and performance nutrition for health and fitness. Therapeutic diet preparation and patient tray service are introduced. Quality control, principles and practical application of food production, safety, and sanitation for various lifecycles are discussed, in depth, throughout the program. Lecture, demonstration, paper/online materials, simulated patient interactions and kitchen/clinical labs are utilized.

Special Information:
A simulation for military contingency operations is provided in a non-classroom setting.
NUTRITION IN PREVENTION

School Code 083
USAF: Nutrition In Prevention
USA: N/A
USN: N/A

Course Description:
The instructional design for this course is group-paced instruction and provides training to selected Department of Defense personnel in the knowledge and skills needed to perform preventative nutrition services. The scope of includes Health and Wellness Center (HAWC) background and roles, preventive medicine initiatives, key areas of health promotions, health, nutrition in prevention/population health, advance skills, and date quality management.

OCCUPATIONAL THERAPY

School Code 083
USAF: N/A
USA: Occupational Therapy Specialty
USN: Occupational Therapy Assistant

Course Description:
The METC Occupational Therapy Assistant (OTA) Program is a two-phased, field of study with two military services designed to meet the standards of program approval established by the American Occupational Therapy Association. Graduates of this program are eligible to sit for the national certification examination and qualify for the designation, Certified OTA. Certification and licensure are mechanisms separate and unrelated to graduation. Phase 1 provides a general knowledge of physical and behavioral sciences; a working knowledge of the principles, concepts, and skills utilized to assist the occupational therapist in the implementation of remedial health maintenance and prevention programs for psychiatric as well as physical disability patients. The OTA student learns to assist Occupational Therapists in data gathering and treatment planning and implementation within the theoretical framework of occupational behavior/performance. They also assist in providing health maintenance services to decrease effects of physical/mental disabilities and promote physical fitness/wellness of patients. Major areas of instruction are: Fundamentals of Practice, Psychology, Human Anatomy, Physiology, and Kinesiology, Orthopedics, Rehabilitation, Occupational Therapy Treatment Medias, Clinical Reasoning, Fieldwork Experience I (Level 1 observation) and Fieldwork Experience (Level 2 practical experience). Phase 2 consists of a continuation of written and oral assignments as well as application (hands-on) of skills learned in phase 1.
Special Information:
The phase 2 segment consists of fieldwork experience with at least 1 physical disabilities rotation and 1 mental health rotation. As time permits, students may also participate in specialized rotations such as pediatrics and burn treatment and management.

PHARMACY

School Code 083
USAF: Pharmacy Technician
USA: Pharmacy Specialist
USN/USCG: Pharmacy Technician

Course Description:
The instructional design for the Pharmacy Technician Program consolidated courses is group-lock step. The Pharmacy Technician Program provides education and training in the major disciplines of Pharmacy Operations to include: Administration and Supply, outpatient pharmacy operations, inpatient pharmacy operations, human anatomy and physiology, therapeutics, basic pharmaceutical calculations, advanced pharmacy practice. This training program includes a Phase 1 resident portion at METC and a Phase 2 clinical portion conducted at military and civilian medical treatment facilities. Quality assurance and safety techniques are emphasized throughout the program. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized throughout the program. This program provides graduates with technical skills and knowledge required to achieve pharmacy technician entry-level competencies, and meets basic requirements set forth by the American Society of Health System Pharmacists. Additionally, this course helps the student prepare for pharmacy technician national certification examinations.

Special Information:
The program prepares the student to perform both inpatient and outpatient pharmacy operations in both traditional and non-traditional pharmacy practice settings. The program culminates in college credits that apply toward an Associate’s Degree.
Course Description:
Physical Therapy Assistants (PTA) are allied health professionals specifically focused on the diagnostic and interventional treatment of patients with musculoskeletal disorders under the care of the physical therapist. The PTA Program provides simulated and live training in all aspects of physical therapy medicine to include functional human anatomy, physiology, kinesiology, clinical pathophysiology, musculoskeletal physical therapy assessment and management. Therapeutic exercises, procedures, and modalities (Physical Agents, Spinal Traction, Ultrasound, Electrotherapy, Theory and application of TENS), neurological and medical disorders, physical therapy assessments, clinical management, professional communication, psychosocial issues in health care and clinical experiences are introduced. Quality control and safety techniques are emphasized throughout the program. Instruction and practice in medical ethics, patient care, and a comprehensive pre-clinical review prepare students to transition to a clinical setting. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized during pre-clinical training. The PTA Program Courses are taught using a regional approach. During the first four weeks, the basics of anatomy, physiology, and kinesiology are taught. After week four, detailed anatomy, kinesiology, clinical disorders, clinical screening, manual therapy, and therapeutic exercises are taught as they pertain to the anatomical region being studied. These regions include spine; hip and pelvis; knee; foot and ankle; shoulder, and elbow, forearm, wrist and hand. With this regional approach, a complete course is not taught at one time during the program. Instead, courses are taught in separate units and lessons throughout the duration of the program.

Special Information:
The overall grade for each course is determined by the accumulated performance on each segment of the course (units and lessons) within each region. Clinical training may occur at military or civilian treatment facilities. Clinical training includes clinical rotations in physical therapy setting.
Course Description:
The Basic Medical Technician Corpsman Program (BMTCP) provides requisite knowledge, as well as simulated and clinical training in various aspects of emergency, nursing, and primary care. Subjects include medical terminology, anatomy & physiology, Basic Life Support (BLS), Emergency Medical Technician-Basic curricula, as well as various aspects of nursing and primary patient care. Outcome-based practice and safety techniques are emphasized throughout the program.

Phase 1 – This phase consists of knowledge and skills training conducted at METC, Fort Sam Houston, Texas. Lecture, guided discussion, demonstration, e-learning materials, simulations, and skills laboratory practice are blended during this phase of training.

Phase 2 (Air Force only) – This phase consists of clinical practicum in a Military Treatment Facility (MTF).

The Basic Medical Technician Corpsman Program provides enlisted basic knowledge of emergency medicine and nursing care. The program consists of lectures, group activities, demonstrations, hands-on instruction and clinical practice; instruction may include computer-based or blended learning options. Practical exercises, computerized and written examinations are used to assess knowledge and skills.
COMBAT MEDIC DEPARTMENT

COMBAT MEDIC

School Code 083
USAF: N/A
USA: Health Care Specialist
USN: N/A

Course Description:
Trains the Health Care Specialist in skills necessary to become an effective Soldier and medical care provider. The student receives training in emergency care, evacuation, minor acute care, inpatient and outpatient care, and basic force health protection. The student receives specific training in combat and military operations other-than-war casualty care, tactical combat casualty care, medical care for patients exposed to weapons of mass destruction, (Chemical, Biological, Radiological, and Nuclear - CBRN), deployable medical systems, aircraft and ground evacuation, and casualty triage and processing.

Special Information:
The students are certified to the national standards of Emergency Medical Technician-Basic (EMT-B). The students conduct rigorous and relevant Warrior Ethos tasks and integrate tactical and technical skills through warrior drills as part of the Army-wide Initial Entry Training (IET) sustainment training for warrior skills to ensure survivability in the contemporary operating environment. The instructional design of this course is group-paced.
ADVANCED DENTAL LABORATORY

School Code 083
USAF: N/A
USA: N/A
USN: Dental Lab Technician Advanced

Course Description:
The Advanced Dental Laboratory Program provides training in advanced dental laboratory sciences to include Advanced Porcelain Techniques, Fixed Prothodontics, and Removable Prosthodontics. Performance-based training is conducted for: All aspects of training as this course deals in the fabrication of dental appliances. Students mix dental materials, maintain dental equipment, and perform advanced dental appliance creation procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises.

Special Information:
Advanced Dental Laboratory skill demonstrations and practice are provided in laboratory settings.

ADVANCED PORCELAIN TECHNIQUES

School Code 083
USAF: Advanced Porcelain Techniques
USA: Advanced Dental Laboratory Specialty
USN: N/A

Course Description:
The Advanced Porcelain Techniques Program provides training in advanced dental laboratory sciences to include CAD/CAM Substructures, Porcelain Applications, Pressable Ceramics (Empress), Wax Metal-Ceramic Substructures, Casting Production, and Porcelain Application. Performance-based training is conducted for: All aspects of training as this course deals in the fabrication of dental appliances. Students mix dental materials, maintain dental equipment, and perform advanced dental appliance creation procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises.
Special Information:
Advanced Dental Laboratory skill demonstrations and practice are provided in laboratory settings.

DENTAL ASSISTANT

School Code 083
USAF: Dental Assistant Apprentice
USA: N/A
USN: N/A

Course Description:
The Air Force Dental Assistant Program provides training in basic dental sciences to include head anatomy and elementary physiology, dental administration and dental procedures. Performance-based training is conducted for: infection control, general chair-side and surgical assisting, and radiology procedures in simulated and on-the-job clinical environments. Students mix dental materials, maintain dental equipments, and perform basic oral hygiene procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises. Dental skill demonstrations and practice are provided in laboratory settings.

Special Information:
The clinical practicum allows students to refine their skills in a dental treatment facility.

DENTAL ASSISTANT

School Code 083
USAF: N/A
USA: Dental Specialist
USN: N/A

Course Description:
The Army Dental Assistant Program provides training in basic dental sciences to include head anatomy and elementary physiology, dental administration and dental procedures. Performance-based training is conducted for: infection control, general chair-side and surgical assisting, and radiology procedures in simulated and on-the-job clinical environments. Students mix dental materials, maintain dental equipments, and perform basic oral hygiene procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises. Dental skill demonstrations and practice are provided in laboratory settings.
and written exercises. Dental skill demonstrations and practice are provided in laboratory settings.

**Special Information:**
The clinical practicum allows students to refine their skills in a dental treatment facility.

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### DENTAL ASSISTANT

**School Code 083**
USAF: N/A  
USA: N/A  
USN: Dental Assistant

**Course Description:**
The Navy Dental Assistant Program provides training in basic dental sciences to include head anatomy and elementary physiology, dental administration and dental procedures. Performance-based training is conducted for: infection control, general chair-side and surgical assisting, and radiology procedures in simulated and on-the-job clinical environments. Students mix dental materials, maintain dental equipments, and perform basic oral hygiene procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises. Dental skill demonstrations and practice are provided in laboratory settings.

**Special Information:**
The clinical practicum allows students to refine their skills in a dental treatment facility.

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### DENTAL LABORATORY BASIC

**School Code 083**

**Course Information:**
The Dental Laboratory Basic Program provides training in basic dental laboratory sciences to include Fundamentals of Complete Dentures, Removable Partial Dentures and Treatment Appliances, Fundamentals of Fixed Partial Dentures, and Fabricating Veneered Restorations. Performance-based training is conducted for: All aspects of training as this course deals in the fabrication of dental appliances. Students mix dental materials, maintain dental equipment, and
perform basic dental appliance creation procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises.

Special Information:
Dental Laboratory skill demonstrations and practice are provided in laboratory settings.

FIXED PROSTHODONTICS

School Code 083
USAF: Fixed Prosthodontics
USA: N/A
USN: N/A

Course Description:
The Fixed Prosthodontics Program provides training in advanced dental laboratory sciences to include Construct and Articulate Master Casts, Functional Anatomic Wax-ups, Fixed Partial Dentures, Sprue and Invest, Burnout and Cast, Finish and Polish, Solder Fixed Partial Denture, Porcelain Application, and Complete Metal-Ceramic Units. Performance-based training is conducted for: All aspects of training as this course deals in the fabrication of dental appliances. Students mix dental materials, maintain dental equipment, and perform advanced dental appliance creation procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises.

Special Information:
Advanced Dental Laboratory skill demonstrations and practice are provided in laboratory settings.

REMOVED PROSTHODONTICS

School Code 083
USAF: Removable Prosthodontics
USA: N/A
USN: N/A

Course Description:
The Removable Prosthodontics Program provides training in advanced dental laboratory sciences to include Master Cast (Implant Retained Denture), Record Bases and Occlusion Rims (RPD), Record Base and Occlusion Rims (Implant Retained Deture), Articulation, Tooth
Arrangement, Denture Base and RPD Wax-Ups, Acrylic Processing, Denture Completion, and Orthodontics. Performance-based training is conducted for: All aspects of training as this course deals in the fabrication of dental appliances. Students mix dental materials, maintain dental equipment, and perform advanced dental appliance creation procedures. Quality control and safety techniques are emphasized throughout the Program. Lectures, discussions, and computer based instruction are augmented with readings from selected texts and written exercises.

**Special Information:**
Advanced Dental Laboratory skill demonstrations and practice are provided in laboratory settings.
Course Description:
The Cytotechnology Program provides education and training in the art and science of cytopathology. This training program provides ongoing opportunities for the evaluation of cellular elements derived from a variety of sources to include cervicovaginal, respiratory, oral and gastrointestinal tract, breast, urogenital tract, body cavities, cerebro-spinal fluid, soft tissue and bone, as well as Fine Needle Aspiration of the lymph nodes, thyroid gland and salivary gland. Students learn to recognize normal, inflammatory, benign, and malignant conditions by analyzing cellular changes and to make initial judgments regarding etiology and severity of change. The course consists of a combination of didactic and clinical training. Progress through the program is dependent upon the understanding of concepts developed through the use of lectures, visual images, and microscopic slides. This program complies with requirements and recommendations of the American Society of Cytopathology (ASC) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP), qualifying graduates to receive baccalaureate degrees from regionally accredited colleges and universities. Upon completion of all program requirements, students are eligible to take the American Society for Clinical Pathologists Board of Certification Examination in Cytotechnology.

Special Information:
Upon successful completion of the program and meeting all Board of Certification requirements of the American Society for Clinical Pathologists (Cytotechnologists), the M2 ASI will be awarded.

Course Description:
The instructional design for the Ultrasound Program is group paced. The program focuses on the Principles of Diagnostic Ultrasound, Sonography of the Abdomen, Sonography of the Pelvis, Obstetrical Sonography, and Small Parts/Basic Vascular Sonography.

**Special Information:**
All program courses must be completed successfully to pass this program. Lecture, demonstration, simulations, and laboratory practice are utilized during training to prepare students to transition to a medical hospital setting.

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**ELECTRONEURODIAGNOSTIC**

School Code 083
USAF: Electroneurodiagnostic Technician
USA: N/A
USN: Electroneurodiagnostic Technologist

**Course Description:**
The Electroneurodiagnostic Technologist School is responsible for providing Naval Hospital Corpsmen and Air Force Medics with advanced training in the field of electroneurodiagnostics. Graduates will function as entry-level technologists in military treatment facilities throughout the United States and overseas. The course includes: electroencephalography (EEG), evoked potentials (EP), nerve conduction studies (NCS) and polysomnography (PSG).

**Special Information:**
This training includes an in-depth study in neuroanatomy and neurophysiology of the human body as it relates to neurology; concepts of basic electricity; neurological disorders and how they affect the EEG; instrumentation as it relates to electroencephalography, nerve conduction studies and EP averaging; interpretation of basic wave patterns seen in EEG, NCS and EP; normal variants and abnormal patterns; and clinical guidelines used in the neurodiagnostic field.

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**HISTOPATHOLOGY**

School Code 083
USAF: Histopathology Apprentice
USA: N/A
USN: Histopathology Technician

**Course Description:**
This course provides formal training for Histopathology Technicians who are assigned to a Medical Treatment Facility (MTF). The program combines didactic classroom instruction, hands-on experience and clinical rotations in an MTF. The instruction also assists graduates in preparing for the Histotechnician (HT) certification examination. Instruction is presented in these major areas: Introduction to Histotechnology, Specimen Processing for Histological Study, Routine Technical Procedures, Staining for Histological Study, Anatomy and Histology, Autopsy Procedures, Anatomy and Histology, Practical Histotechnician Training, and Clinical Practicum.

Special Information:
Graduates of this program are expected to perform as subject-matter experts on Histopathology Procedures within a MTF. The Security Classification is unclassified.

MEDICAL LABORATORY

School Code 083
USAF: Medical Laboratory Apprentice
USA: N/A
USN: N/A

Course Description:
The Air Force Medical Laboratory Technician Program provides education and training in the major disciplines of the clinical laboratory to include: clinical chemistry, hematology, immunohematology, immunology, microbiology, parasitology, urinalysis, blood donor center operations, specimen collection and processing, and laboratory operations/management. This training program includes a Phase 1 resident portion at METC and a Phase 2 clinical portion conducted at military and civilian medical treatment facilities. Quality assurance and safety techniques are emphasized throughout the program. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized throughout the program. This program provides graduates with technical skills and knowledge required to achieve medical laboratory technician entry-level competencies, and meets basic requirements of the DoD Clinical Laboratory Improvement Program (CLIP). The program prepares the laboratory technician to perform laboratory procedures at a MTF under the supervision of a qualified laboratory technician/technologist.

Special Information:
The program culminates in college credits that may be applied towards an Associate’s Degree. Graduates are eligible to take national certification exams as medical laboratory technicians.
MEDICAL LABORATORY

School Code 083
USAF: N/A
USA: Medical Laboratory Specialist
USN: Medical Laboratory Technician

Course Description:
The Medical Laboratory Technician Program provides education and training in the major disciplines of the clinical laboratory to include: clinical chemistry, hematology, immunohematology, immunology, microbiology, parasitology, urinalysis, blood donor center operations, specimen collection and processing, and laboratory operations/management. This training program includes a Phase 1 resident portion at METC and a Phase 2 clinical portion conducted at military and civilian medical treatment facilities. Quality assurance and safety techniques are emphasized throughout the program. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized throughout the program. This program provides graduates with technical skills and knowledge required to achieve medical laboratory technician entry-level competencies, and meets basic requirements of the DoD CLIP. The program prepares the laboratory technician to perform laboratory procedures at a MTF under the supervision of a qualified laboratory technician/technologist.

Special Information:
The program culminates in college credits that may be applied towards an Associate’s Degree. Graduates are eligible to take national certification exams as medical laboratory technicians.

NUCLEAR MEDICINE

School Code 083
USAF: Nuclear Medicine
USA: Clinical Nuclear Medicine Specialty
USN: Nuclear Medicine Technologist

Course Description:
The Nuclear Medicine Technologist (NMT) is an allied health professional who, under the direction of an authorized user, is committed to applying the art and skill of diagnostic imaging and therapeutics through the safe and effective use of radionuclides. Responsibilities include but are not limited to patient contact, the preparation and administration of radioactive chemical compounds, patient imaging procedures including computer processing and image enhancement, laboratory testing, patient preparation for radioactive tracers and radioactive therapy, quality control, and radiation safety. This curriculum is the result of a cooperative
effort between the Nuclear Medicine Technologist School staff and Instructional Systems Specialist assigned to the Navy Enlisted Training Element (NETE), Portsmouth, VA; the Nuclear Medicine Advisory Board; the Technical and Specialty Advisors to the Surgeon General for Nuclear Medicine, Army, Air Force and Navy; and the Navy Medicine Professional Development Center (NMPDC), Bethesda, MD.

Special Information:
The mission of the Nuclear Medicine Technologist Program is to train selected enlisted Air Force, Army and Navy personnel in the fundamental skills and knowledge required to operate and maintain nuclear medicine equipment, perform computer analysis, assist medical officers in preparing and conducting nuclear medicine in-vitro and in-vivo procedures, and organizing and managing a nuclear medicine clinic.

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RADIOGRAPHY

School Code 083
USAF: Diagnostic Imaging Apprentice
USA: Radiology Specialist
USN/USCG: Advanced Radiographer

Course Description:
The instructional design for the Radiography Program consolidated courses are group-lock step. The Radiography Program provides training in radiation physics, anatomy and physiology, theory and practice of fixed and mobile radiologic equipment, chemical and digital processing, and routine and special radiographic positioning. Simulated and/or live practice is provided for all routine procedures. Concepts and principles of computed tomography, mammography, nuclear medicine, radiation therapy, magnetic resonance imaging, and sonography are introduced. Quality control and safety techniques are emphasized throughout the program. Instruction and practice in medical ethics, patient care, and a comprehensive pre-clinical review prepares students to transition to a clinical setting. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized during pre-clinical training. Clinical training may occur at military or civilian treatment facilities.

Special Information:
Clinical training includes instruction in patient reception, film management, and quality control and self-paced study for the American Registry of Radiologic Technologists (ARRT) exam. Clinical rotations include operating room, routine, and special radiographic procedures, mobile equipment exams, fluoroscopy, and other modalities (computed tomography, magnetic resonance imaging, ultrasound, mammography, and angiography) as available.
ADVANCED FIELD MEDICAL SYSTEMS

School Code 083
USAF: Advanced Field Medical Support Systems
USA: Advanced Field Medical Systems
USN: Advanced Field Medical Systems

Course Description:
This program is designed to provide refresher training for Biomedical Equipment Maintenance Technicians on equipment not normally operated at a peacetime facility. It will provide training for personnel filling deployment slots and for Readiness Skill Verification training.

Special Information:
Topics will include medical maintenance and contingency operations, power requirements, environmental control, oxygen support systems, diagnostic support systems, therapeutic equipment, field communications, sterilizer/water recovery system and dental systems.

ADVANCED STERILIZATION SYSTEMS

School Code 083
USAF: Advanced Sterilizations Systems
USA: Advanced Sterilization Systems
USN: Advanced Sterilization Systems

Course Description:
This program provides formal training for Biomedical Equipment Maintenance personnel who are assigned to a Medical Treatment Facility (MTF), to include the Air Force, Army, and Navy. The program is designed to provide advanced training on sterilization systems. The program will focus on clinical applications, related physiology, equipment and operations theory, circuit analysis, troubleshooting, and safe operating procedures.

Special Information:
Graduates of this program are expected to perform as subject matter experts on sterilization systems within an MTF.
BIOMEDICAL EQUIPMENT MANAGEMENT

School Code 083
USAF: Medical Maintenance Management
USA: Biomedical Equipment Maintenance Management
USN: Biomedical Equipment Maintenance Management

Course Description:
This program provides formal training for Biomedical Equipment Maintenance Technicians who are assigned to a MTF. The program is designed to provide advanced training in medical maintenance management. The program will focus on medical maintenance Regulatory Guidance and the Medical Maintenance Computer Systems Software Management Procedures.

Special Information:
Graduates of this program are expected to perform as subject matter experts on medical maintenance management within a MTF.

BIOMEDICAL EQUIPMENT TECHNICIAN

School Code 083
USAF: Biomedical Equipment Maintenance Technician
USA: Biomedical Equipment Specialist
USN: Biomedical Equipment Technician

Course Description:
Vision is to be the world-class leader in Biomedical Equipment Maintenance Technician (BMET) education and training. The instructional design for this Program is group-paced. This Program provides initial skills training for Biomedical Equipment Maintenance Technician personnel to include clinical applications, operation, inspection, maintenance, and modification of a wide variety of biomedical equipment systems used in fixed and mobile medical and dental treatment facilities of the Army, Navy, and Air Force. The program consists of a combination of teaching methods: lecture (didactic), demonstration, interactive courseware, and performance.

Special Information:
BMET Courses contain basic electronics principles necessary to complete the remainder of the program; in-depth medical equipment troubleshooting; and service specific training for each branch of service. Within all Courses the instructional sequence may vary from Lesson Plan sequence because of equipment and space limitations.
COMPUTED TOMOGRAPHY

School Code 083
USAF: Computed Tomography Systems
USA: Computed Tomography Systems
USN: Computed Tomography Systems

Course Description:
This program provides formal training for Biomedical Equipment Maintenance personnel who are assigned to a MTF, to include the Air Force, Army, and Navy. The program is designed to provide advanced training in computed tomography systems. The program will focus on Tomography system clinical applications, equipment theory of operation and circuit analysis, calibration/verification, preventive maintenance and safe operating procedures.

Special Information:
Graduates of this program are expected to perform as subject matter experts on Computed Tomography Systems within the MTF.

COMPUTER BASED MEDICAL SYSTEMS

School Code 083
USAF: Computer Based Medical Systems
USA: Computer Based Medical Systems Maintenance
USN: N/A

Course Description:
This program/course provides formal training for Biomedical Equipment Maintenance personnel who are assigned to an Air Force, Army and/or Navy MTF. The program/course is designed to provide advanced training on fixed Radiographic and Fluoroscopic Imaging systems and will focus on clinical applications, related physiology, circuit analysis, troubleshooting, calibration, and safe operating procedures.

Special Information:
This program consists of a single consolidated course for Army and Air Force service members. It functions as a required course within the Navy BMET program.
MAMMOGRAPHY IMAGING SYSTEMS

School Code 083
USAF: Mammography Imaging Systems
USA: Mammography Imaging Systems
USN: N/A

Course Description:
This program/course provides formal training for Biomedical Equipment Maintenance personnel who are assigned to an Air Force, Army and/or Navy Medical Treatment Facility (MTF). The program/course is designed to provide advanced training in mammography imaging systems and will focus on clinical applications, related physiology, circuit analysis, troubleshooting, calibration, and safe operating procedures. Graduates of this course are expected to perform as subject matter experts on mammography imaging systems within a MTF.

Special Information:
This program consists of a single consolidated course for Army and Air Force service members. It functions as a required course within the Navy BMET program.

MEDICAL EXPENSE/PERFORMANCE REPORTING SYSTEM (MEPRS)

School Code 083
USAF: Medical Expense/Performance Reporting System
USA: N/A
USN: N/A

Course Description:
This two-week program/course provides hands on instruction for completing the DoD Medical Expense and Performance Reporting System (MEPRS) requirements. It includes accounting methods for capture of medical expense, workload and personnel data for MTFs. It introduces the Expense Assignment System (EAS), a Tri-Service automated cost and workload reporting system used for inputting and processing MEPRS data elements. The EAS system ties cost and workload performance together through an allocation process to generate standard unit cost measures used in medical treatment facility decision making.

Special Information:
It provides hands on instruction on the analysis of data captured through the EAS system as viewed at DoD level, using a report writing database and query management.
MEDICAL LOGISTICS

School Code 083
USAF: Medical Material Apprentice
USA: Medical Logistics Specialist
USN: N/A

Course Description:
Medical Logisticians are allied health professionals focused on procurement, distribution and life cycle management of all necessary supplies and equipment to sustain fixed and contingency MTFs and other medical activities. The program combines didactic classroom instruction and closely supervised practical exercises. The instructional design for this course is group lock-step. Instruction is presented in these major areas: Fundamentals of Medical Logistics, Supply Chain Management, Storage and Distribution, Medical Materiel Quality Control, Medical Assemblage Management / War Reserve Materiel, Inventory / Property Management. In addition, the Medical Logistics Program will prepare Service members to function as an entry-level Medical Logistics Specialist / Medical Materiel Apprentice in fixed and deployable medical facilities.

Special Information:
Graduates will demonstrate: Knowledge and skill in receiving, storage, distribution, forward logistics, document control, research, and inventory control in fixed and contingency environments, the ability to comprehend, apply, and evaluate information relevant to the role of the entry-level Medical Logistics Specialist / Medical Materiel Apprentice, technical proficiency in all skills required to fulfill the role of an entry-level Medical Logistics Specialist / Medical Materiel Apprentice, and personal behaviors consistent with professional expectations for the entry-level Medical Logistics Specialist / Medical Materiel Apprentice.

MEDICAL MATERIAL SUPERVISOR

School Code 083
USAF: Medical Material Supervisor
USA: N/A
USN: N/A

Course Description:
The Medical Materiel Supervisors course is designed to prepare NCOs for the increased level of responsibility as the NCOIC or Superintendent of a Medical Logistics account. Topics covered include acquisition and inventory management, inventory quality management, medical equipment management, services contract management, management reports, financial
management, training, and manpower. Emphasis is placed on utilizing the Defense Medical Logistics Standard Support computer system (DMLSS) as a management tool.

**Special Information:**
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.

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**PATIENT ADMINISTRATION (PAD)**

**School Code 083**
USAF: Health Services Management
USA: Patient Administration Specialist
USN: N/A

**Course Description:**
The instructional design for this course is group lock step. The Patient Administration Specialist / Health Services Management Apprentice Program provides the knowledge and skills necessary to perform Patient Administration / Health Services Management Apprentice duties at fixed medical treatment facilities and field environments. Instruction is presented in these major areas: Healthcare Entitlements and Benefits, Admission and Disposition Procedures, Medical Records, Automated Healthcare Information Systems, Medical Terminology, Anatomy and Physiology, Line of Duty Determinations, Physical Disability Evaluation System (PDES).

**Special Information:**
It also includes training in the procedures necessary to safeguard privacy and ensure security of personal medical information IAW the Health Insurance Portability & Accountability Act (HIPAA) and the management and monitoring of global patient movement using the US Transportation Command (TRANSCOM) Regulating and Command & Control Evacuation System (TRAC2ES).

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**RADIOGRAPHIC ACCEPTANCE PROCEDURES**

**School Code 083**
USAF: Radiographic Acceptance Procedures
USA: Radiographic Acceptance Procedures
USN: Radiographic Acceptance Procedures

**Course Description:**
This program provides formal training for Biomedical Equipment Maintenance personnel who are assigned to an Air Force, Army and/or Navy MTF. The program is designed to provide
advanced training in radiographic acceptance procedures. The program will focus on clinical applications, test equipment, acceptance inspection and post-calibration radiation inspection.

**Special Information:**
Graduates of this program are expected to perform as subject matter experts on radiographic acceptance procedures within a MTF.

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**RADIOGRAPHIC/FLUOROSCOPIC IMAGING SYSTEMS**

**Course Description:**
This program/course provides formal training for Biomedical Equipment Maintenance personnel who are assigned to an Air Force, Army and/or Navy Medical Treatment Facility (MTF). The program/course is designed to provide advanced training on fixed Radiographic and Fluoroscopic Imaging systems and will focus on clinical applications, related physiology, circuit analysis, troubleshooting, calibration, and safe operating procedures.

**Special Information:**
This program consists of a single consolidated course for Army and Air Force service members. It functions as a required course within the Navy BMET program.

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**TELEMEDICINE**

**Course Description:**
This program/course provides formal training for Biomedical Equipment Maintenance personnel who are assigned to an Air Force, Army and/or Navy MTF. The program/course is designed to provide advanced training on Telemedicine Technology, to include Computed Radiography, Radiographic, Film Digitization, High Density Digital-Image and Patient Demographic Storage, Digital Image Networking and Display, and Digital Data and Computer Communications. This training will include instruction in advanced electronics, system
applications, installation, quality assurance, preventive maintenance, calibration, and troubleshooting.

**Special Information:**
This program consists of a single consolidated course for Army and Air Force service members. It functions as a required course within the Navy BMET program.

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**ULTRASOUND IMAGING SYSTEMS**

**School Code 083**
USAF: Ultrasound Imaging Systems
USA: Ultrasound Imaging Systems
USN: N/A

**Course Description:**
This program/course provides formal training for Biomedical Equipment Maintenance Technicians who are assigned to a MTF. The program/course is designed to provide advanced training in ultrasound imaging systems. This course will focus on clinical applications, system configuration and troubleshooting. Graduates of this course are expected to perform as subject matter experts on ultrasound imaging systems within a MTF.

**Special Information:**
This program consists of a single consolidated course for Army and Air Force service members. It functions as a required course within the Navy BMET program.
ALLERGY/IMMUNOLOGY & SPECIALTY

School Code 836
USAF: N/A
USA: Allergy/Immunology & Specialty
USN: N/A

Course Description:
Immunology and Allergy Specialty Course is an introduction to the delivery of immunization and allergy services in relation to other patient-oriented services. As an Interservice Training Review Organization (ITRO) course, this course is available to United States Army, Army Reserve Soldiers, United States Air Force personnel, United States Navy personnel, and Department of Defense (DOD) civilians. Special Information: Upon successful completion of this training program, Army students are awarded the additional skill identifier (ASI) of Y8, Air Force students are awarded the special experience identifiers (SEIs) 453 for Allergy and 454 for Immunization upon completing 12 months of on the job training (OJT). Navy students are not awarded a Navy Enlisted Classification (NEC), this training is part of basic corpsman training. In addition, as an Interservice program, the Immunology and Allergy Specialty course provides enlisted medical personnel, with the skills necessary to become a qualified medical caregiver in administering vaccines to all service members, DOD employees, adults, and pediatrics as well as assisting allergists in the diagnosis and treatment of patients with allergic and immunologic disorders. The student will also receive specialized training in administering immunotherapy injections, immediate and delayed skin testing, mixing and diluting of allergen extracts, spirometry, vaccine storage and handling, as well as disease prevention through vaccinations. This course consists of lectures, group activities, demonstrations, hands-on instruction, and clinical practice. Practical exercises and written examinations are used to assess accumulation and retention of knowledge and skills.

CARDIOPULMONARY

School Code 083
USAF: Cardiopulmonary Laboratory Apprentice
USA: N/A
USN: N/A

Course Description:
METC Cardiopulmonary Laboratory Apprentice (CLA) program is an introduction to the delivery of respiratory care and cardiovascular technology. The CLA program is designed to prepare the student for entry-level positions as a cardiopulmonary technician. Students are trained to provide care for patients with cardiopulmonary diseases. Students are introduced to duties and responsibilities of the cardiopulmonary technician, fundamentals of respiratory patient care and clinical medicine, neonatology and pediatric care, cardiovascular and respiratory anatomy and physiology, chemistry, pharmacology, microbiology, physiologic measurements, cardiopulmonary diseases processes, principles of EKG/ECG and arrhythmia interpretations, PFT measurements and interpretations, and nitric oxide, mechanical ventilation and home health care delivery systems. The training consists of formal (didactic) and informal (OJT/Apprenticeship) training to qualify and upgrade airmen in the award of a skill level. This program is available to United States Air Force students only. The program consists of lectures, group activities, demonstrations, hands-on instruction and clinical practice. Performance exercises, written examinations, progress checks are used to assess accumulation and retention of knowledge and skills. Graduates are awarded the Air Force Specialty Code 4H031 skill identifier upon completion of Phases I and II. The program prepares the student to exercise judgment and accept responsibility in performing diagnostic and therapeutic procedures in the care of cardiopulmonary patients. Phase I training consists of didactic training conducted at the METC, Fort Sam Houston, Texas. In Phase I training, students are instructed in the CLA mission and scope of practice, Respiratory Therapy Procedures and scope of practice, and Cardiopulmonary Disease Processes. See AFI 36-2101, Classifying Military Personnel (Officer and Enlisted): http://www.e-publishing.af.mil/shared/media/epubs/AFI36-2101.pdf. Phase II consists of on-the-job (OJT) clinical training/apprenticeship at designated military treatment facilities. Students must successfully complete Phase I training in order to continue to Phase II. Proficiency advancement in Phase II is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Special Information:

CARDIOVASCULAR TECHNOLOGIST

School Code 083
USAF: N/A
USA: Cardiovascular Specialty
USN: Cardiovascular Technician

Course Description:
Cardiovascular Technologists are allied health professionals specifically focused on the diagnostic and interventional treatment of patients with cardiac and peripheral vascular disease under the care of the physician. The Cardiovascular Technology Program provides simulated and live training in all aspects of cardiovascular medicine to include invasive cardiology (cardiac catheterization, electrophysiology), non-invasive cardiology (echocardiography, electrocardiography), and critical care treatment and transportation. Subjects include anatomy and physiology, chemistry, physics, pharmacology, electrocardiography, echocardiography, radiography, and cardiac catheterization techniques. Quality control and safety techniques are emphasized throughout the program. Students will receive instruction and practice in medical ethics, patient care, and a pre-clinical comprehensive that prepares students to transition to a clinical setting. The instructional design for the Cardiovascular Technology Program consolidated courses is group-paced. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized during pre-clinical training. Clinical training may occur at military or civilian treatment facilities.

**Special Information:**
Clinical training includes instruction in invasive and non-invasive cardiovascular medicine.

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### INDEPENDENT DUTY MEDICAL TECHNICIAN

**School Code 083**

**USAF:** Independent Duty Medical Technician
**USA:** N/A
**USN:** N/A

**Course Description:**

The Independent Duty Medical Technician (IDMT) Program provides mandatory training for members of the 4N0X1 career field prior to being assigned to remote or isolated duty stations; provide medical support to a non-medical field unit; or provide medical support to other government agencies and joint service missions as directed by DoD. Course instruction includes: obtaining medical histories, examining, assessing, treating and documenting patient care encounters in the absence of a physician. Includes training in emergency medical, dental, and surgical procedures to stabilize patient condition until evacuation to definitive care can occur. Provides general knowledge and procedural skill in medical administration. Monitoring medical aspects of special interest programs and health promotions. Provides instruction on advanced medication administration and dispensary operation IAW AFI 44-103, and low complexity laboratory procedures. Also, addresses procedures for conducting occupational health services, preventive medicine, field hygiene, and food/water safety inspections in lieu of public health and bioenvironmental health personnel.

**Special Information:**
Upon completion, graduates are registered in the National Provider Index, awarded CCAF hours and assigned the "C" shred for AFSC 4N0X1.

Graduates meet all NREMT-B refresher/recertification training requirements, and earn national certification in Prehospital Trauma Life Support and Advance Cardiac Life Support. The instructional design of this course is group-paced.

OPHTHALMIC

School Code 083
USAF: Ophthalmic Apprentice
USA: Eye Specialty
USN: N/A

Course Description:
The instructional design for the Ophthalmic Technician Program (OPT) consolidated courses is group-pace. Ophthalmic Technicians are allied health professionals specializing in ocular health and vision, care operating under the supervision of a licensed medical provider. The Ophthalmic Technician Program provides didactic and practical training in tasks relating to ocular screening, diagnosis, and treatment to include optical devices and surgical interventions. Patient education and interaction, basic clinical administration, care of instruments and equipment, and operating room protocol are also covered. Subjects include anatomy and physiology, medical ethics, ocular pathology, pharmacology, optics, refractive surgery, vision and specialty testing, and aseptic technique. Quality control and safety techniques are emphasized throughout the program.

Special Information:
Lecture, demonstration, online materials, simulations, and laboratory practice are utilized during pre-clinical training.

ORTHOPEDIC

School Code 083
USAF: Orthopedic Surgical Services Apprentice
USA: Orthopedic Specialty
USN: Orthopedic Technician

Course Description:
The instructional design for the Orthopedic Technician Program consolidated courses is group-pace. Phase I of the program will develop Soldiers, Sailors and Airmen to become entry-level
orthopedic specialists, and allied health professionals who function under the supervision of Orthopedic Physicians and Orthopedic Physician Assistants. These paraprofessionals will be specifically focused on care and treatment to orthopedic patients. Orthopedic Technicians will properly fit and apply both pre- and post-operative braces, crutches and other soft goods; utilize proper safety precautions while changing dressing and removing sutures; utilize proper technique to apply remove and modify casts, and splints; assist with procedures, including wound care, aspirations, minor surgical procedures, fracture reductions, preparing injections sites and drawing medications; apply traction and orthopedic appliances on patients; and instruct patients in cast, splints, traction care and assist in the treatment of residual limb patients.

Special Information:
Phase II of this program allows Army and Navy students to further refine their skills inside a military or civilian treatment facility.

OTOLARYNGOLOGY TECHNOLOGIST

School Code 083
USAF: Otolaryngology Surgical Services
USA: Ears Nose & Throat (ENT) Specialty
USN: N/A

Course Description:
The instructional design for the Otolaryngology Technologist (ENT) Program consolidated courses is group-pace. Otolaryngology and Audiology Technologists are allied health professionals who function under the supervision of physicians or audiologists. These paraprofessionals are specifically focused on diagnostic and interventional treatments of patients with Otolaryngology (Ear, Nose, and Throat) and/or hearing related conditions. The Otolaryngology/Audiology Technology Program provides simulated and live training in all aspects of otolaryngology and/or audiology services to include invasive and non-invasive Otolaryngology procedures and diagnostic audiology services. Quality control and safety techniques are emphasized throughout the program. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized during pre-clinical training. Clinical training may occur at military or civilian treatment facilities.

Special Information:
Clinical training includes instruction in invasive and non-invasive otolaryngology medicine.
RESPIRATORY THERAPY

School Code 083
USAF: N/A
USA: Respiratory Specialist
USN: Respiratory Therapy Technician

Course Description:
The Interservice Respiratory Therapy Program (IRTP), provides multi-service enlisted personnel the knowledge of aerosol/humidity therapy, ventilation therapy, pulmonary function testing, infection control, cardiopulmonary drug administration, and critical patient care performed under the direction of a physician. The program consists of lectures, group activities, demonstrations, hands-on instruction and clinical practice. Practical exercises and written examinations are used to assess accumulation and retention of knowledge and skills.

Special Information:
Upon completion of each clinical rotation, students are expected to demonstrate competency in all modalities of respiratory care. The IRTP is a two-phased Interservice Training Review Organization (ITRO) course. The program is designed to fill the needs of the US Army (USA), US Navy (USN) and, US Army Reserve (USAR) components for highly qualified respiratory care practitioners.

Phase 1, USA and USAR only; general education courses. During the first eight weeks of the program, students will complete three credit hours of English Composition II, three credit hours of Social Studies, and three credit hours of College Math. Students who fail any of these courses will be re-evaluated by the program director or representative and a representative from Thomas Edison State College for further attendance in the program. The following four weeks consist of general medical courses intended to prepare students without prior medical background for the subsequent respiratory care courses. Navy students join the Army to participate in the remainder of Phase1 consisting of didactic training, conducted at the METC Fort Sam Houston TX.

Phase 2 training consisting of clinical training is conducted at one of the following Phase 2 sites: Brooke Army Medical Center (BAMC), FSH, TX; or the Navy Medicine Training Support Center (NMTSC) FSH TX.
SURGICAL TECHNOLOGIST

School Code 083
USAF: Surgical Services Apprentice
USA: Operating Room Specialist
USN: Surgical Technologist

Course Description:
This program is designed to train selected enlisted personnel in the fundamental skills and knowledge of basic surgical anatomy and physiology, vital signs, cardiopulmonary resuscitation, principles and methods of decontamination, sterilization and disinfection, aseptic technique, storage and handling of sterile supplies, identification and care of surgical instruments, specialized equipment, sutures, needles, blades, linen, corrosion resistant metal ware, principles and practices of sterile technique and standard precautions, transporting and positioning patients, operating room safety, handling of specimens, medications and surgical specialties as they relate to selected surgical procedures that will enable the graduate to prepare and maintain the operating room for surgery and perform the duties of a scrub and circulating technologist.

Special Information:
At the conclusion of the didactic and clinical portions, the students are eligible to challenge the Certified Surgical Technologist exam.

UROLOGY

School Code 083
USAF: Urology Surgical Services Apprentice
USA: N/A
USN: Urology Technician

Course Description:
The METC Urology Technician Program provides both simulated and clinical training in various aspects of urological care. Subjects include: embryology, anatomy and physiology of the genitourinary system, genitourinary cancers, radiology and laboratory procedures, and surgical and clinical procedures. Sailors and airmen prepare to function as clinical and surgical assistants to a Urologist, or a physician health care provider serving as a urologist in a clinical setting. Students are trained to assist with the management of urology clinics, assist the physician in treatment of patients with urologic condition or injuries and to provide pre-op and post operative care specific to the specialty and assist in minor surgery. Outcomes-based practice, performance improvement and safety techniques are emphasized throughout the program.
Special Information:
Through blended learning, hands-on instruction and clinical practice the students are provided knowledge and skills to transition to a full clinical setting. During supervised practice in the operating room, emphasis is placed on procedures common to the urology specialty and in the clinic procedures as well as administration management. At the end of the didactic and clinical portions, the students are required to successfully complete a comprehensive examination.
PUBLIC HEALTH SERVICES DEPARTMENT

BEHAVIORAL HEALTH

School Code 083
USAF: Mental Health Services
USA: Behavioral Health Specialist
USN: Behavioral Health Technician

Course Description:
Behavioral Health Technicians are allied health professionals focused on communication techniques required to assess/evaluate military personnel and their family members in need of Behavioral Health care. The Behavioral Health Technician (BHT) Program provides training in the areas of communication techniques, human development, psychopathological disorders, psychological testing, consultation, interviewing, psychiatric behavioral interventions, counseling, and Combat Operational Stress Control (COSC). The program combines didactic classroom instruction and closely supervised practical exercises.

PREVENTIVE MEDICINE

School Code 083
USAF: N/A
USA: Preventive Medicine Specialist
USN: Preventive Medicine Technician

Course Description:
The Preventive Medicine Program provides training in food service sanitation, medical threat briefings, water and waste water concepts, industrial hygiene (IH), support operations (SO), entomology and deployment environmental surveillance programs, microbiology, epidemiologic investigations, public health administration, mathematics and statistical concepts. Lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises are utilized during training. Quality control and safety techniques are emphasized throughout the program. The instructional design for this program is a combination of Group Lock Step and Self Paced.
METC Academic Honor Code

Academic Integrity is fundamental to all academic endeavors at METC. Academic Integrity is defined as maintaining the principles of honesty, trust, fairness, responsibility, and respect. As a student at METC, you must be committed to these five principles in all your actions. Students are expected to show respect toward the academic functions. Students show respect by attending class, being on time, paying attention, listening to other points of view, being prepared and contributing to discussions, meeting academic deadlines, and performing to the best of their ability. Being rude, demeaning, or disruptive is the antithesis of respectful conduct and will not be tolerated.

To protect the Academic Integrity of the METC, all students must agree to the following:

- Students will neither accept from nor provide to past, present, or future classes of students or other individuals, any written or verbal information that will compromise the examination process.

- Examples of actions, which may result in dismissal from the course, include but are not limited to the following:
  - Cheating on a test or other class work by copying the answers of another student and the unauthorized use of notes or other references.
  - Knowingly permitting another student to copy answers from one’s test papers or providing test answers to another student in an unauthorized manner.
  - Plagiarizing, i.e., copying the work of another individual without properly noting the source. This includes copying the work of another student (past or present), including homework assignments.
  - Disrupting classroom or laboratory sessions, thereby prejudicing the opportunity of other students to learn.
  - Failing to meet each individual armed force’s standards of personal appearance.
  - Abusing substances (such as illegal drugs and/or alcohol) both on and off post.
  - Flagrant disregard of program safety standards resulting in the potential endangerment of self and others.
  - Failure to comply with accepted standards of patient confidentiality.

I have received a copy of the METC Academic Honor Code. I have been briefed on the expectations and responsibilities associated with this policy and will adhere to the METC Honor Code. I acknowledge that failure to adhere to this policy may result in punishment IAW the Uniform Code of Military Justice and may result in disciplinary action and/or processing for administrative separation.

__________________________________________  ________________
Student Signature                            Date
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<tbody>
<tr>
<td>AOB</td>
<td>Academic Oversight Board</td>
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<tr>
<td>ADV</td>
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<td>AFI</td>
<td>Air Force Instruction</td>
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<tr>
<td>AFMAN</td>
<td>Air Force Manual</td>
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<tr>
<td>AFSC</td>
<td>Air Force Specialty Code</td>
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<tr>
<td>AHA</td>
<td>American Heart Association</td>
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<tr>
<td>ANA</td>
<td>American Nurses Association</td>
</tr>
<tr>
<td>AMEDD C&amp;S</td>
<td>Army Medical Department Center &amp; School</td>
</tr>
<tr>
<td>AORN</td>
<td>Association of Operating Room Nurses</td>
</tr>
<tr>
<td>ARRT</td>
<td>American Registry of Radiologic Technologists</td>
</tr>
<tr>
<td>ASI</td>
<td>Additional Skill Identifier</td>
</tr>
<tr>
<td>ASC</td>
<td>American Society of Cytopathology</td>
</tr>
<tr>
<td>ATRRS</td>
<td>Army Training Requirements and Resources System</td>
</tr>
<tr>
<td>BLS</td>
<td>Basic Life Support</td>
</tr>
<tr>
<td>BHT</td>
<td>Behavioral Health Technician</td>
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<tr>
<td>BMET</td>
<td>Biomedical Equipment Technician</td>
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<tr>
<td>BMTCP</td>
<td>Basic Medical Technician Corpsman Program</td>
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<tr>
<td>BOMO</td>
<td>Biomedical Officer Management Orientation</td>
</tr>
<tr>
<td>BAMC</td>
<td>Brooke Army Medical Center</td>
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<tr>
<td>BSC</td>
<td>Biomedical Sciences Corps</td>
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<tr>
<td>CAD</td>
<td>Computer Aided Design</td>
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<tr>
<td>CAM</td>
<td>Computer Aided Modeling</td>
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<tr>
<td>CBRN</td>
<td>Chemical, Biological, Radiological, Nuclear</td>
</tr>
<tr>
<td>CLA</td>
<td>Cardiopulmonary Laboratory Apprentice</td>
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<tr>
<td>CFETP</td>
<td>Career Field Education and Training Plan</td>
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<tr>
<td>CLIP</td>
<td>Clinical Laboratory Improvement Program</td>
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<tr>
<td>CCAF</td>
<td>Community College of the Air Force</td>
</tr>
<tr>
<td>COSC</td>
<td>Combat Operational Stress Control</td>
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<tr>
<td>CAAHEP</td>
<td>Commission on Accreditation of Allied Health Education Programs</td>
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<tr>
<td>CPL</td>
<td>Corporal</td>
</tr>
<tr>
<td>DBSS</td>
<td>Defense Blood Standard Systems</td>
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<tr>
<td>DMLSS</td>
<td>Defense Medical Logistics Standard Support computer system</td>
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<tr>
<td>DoD</td>
<td>Department of Defense</td>
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<tr>
<td>ENT</td>
<td>Ears, Nose, Throat (Otolaryngology)</td>
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<tr>
<td>EAS</td>
<td>Expense Assignment System</td>
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<tr>
<td>ECG</td>
<td>Electrocardiogram</td>
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<td>EMT</td>
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<tr>
<td>EP</td>
<td>Evoked Potentials</td>
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<td>GPA</td>
<td>Grade Point Average</td>
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<tr>
<td>HAWC</td>
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<td>HIPAA</td>
<td>Health Insurance Portability &amp; Accountability Act</td>
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<tr>
<td>HT</td>
<td>Histotechnician</td>
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<tr>
<td>HRD</td>
<td>Human Resource Department</td>
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<tr>
<td>IDMT</td>
<td>Independent Duty Medical Technician</td>
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<tr>
<td>IA</td>
<td>Information Assurance</td>
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<td>ITRO</td>
<td>Interservice Training Review Organization</td>
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<td>Licensed Practical Nurse</td>
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<td>MEPRS</td>
<td>Medical Expense and Performance Reporting System</td>
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<td>Medical Treatment Facility</td>
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<tr>
<td>MOS</td>
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<tr>
<td>NEC</td>
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<td>NETE</td>
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<tr>
<td>NMPDC</td>
<td>Navy Medicine Professional Development Center</td>
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<td>NMTSC</td>
<td>Navy Medicine Training Support Center</td>
</tr>
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<td>NNMC</td>
<td>National Navy Medical Center</td>
</tr>
<tr>
<td>NCS</td>
<td>Nerve Conduction Studies</td>
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<tr>
<td>NMT</td>
<td>Nuclear Medicine Technologist</td>
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<tr>
<td>OTA</td>
<td>Occupational Therapy Assistant</td>
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<tr>
<td>OJT</td>
<td>On the job training</td>
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<tr>
<td>PTA</td>
<td>Physical Therapy Assessment</td>
</tr>
<tr>
<td>PSG</td>
<td>Polysomnography</td>
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<tr>
<td>RPD</td>
<td>Removable Prosthodontics</td>
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<tr>
<td>TRANSCOM</td>
<td>Transportation Command Regulating and Command &amp; Control Evacuation System</td>
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<tr>
<td>WRAMC</td>
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<tr>
<td>USAF</td>
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