



**TRAIN THE WORLD'S FINEST MEDICS,
CORPSMEN, AND TECHNICIANS.**

MEDICAL EDUCATION & TRAINING CAMPUS

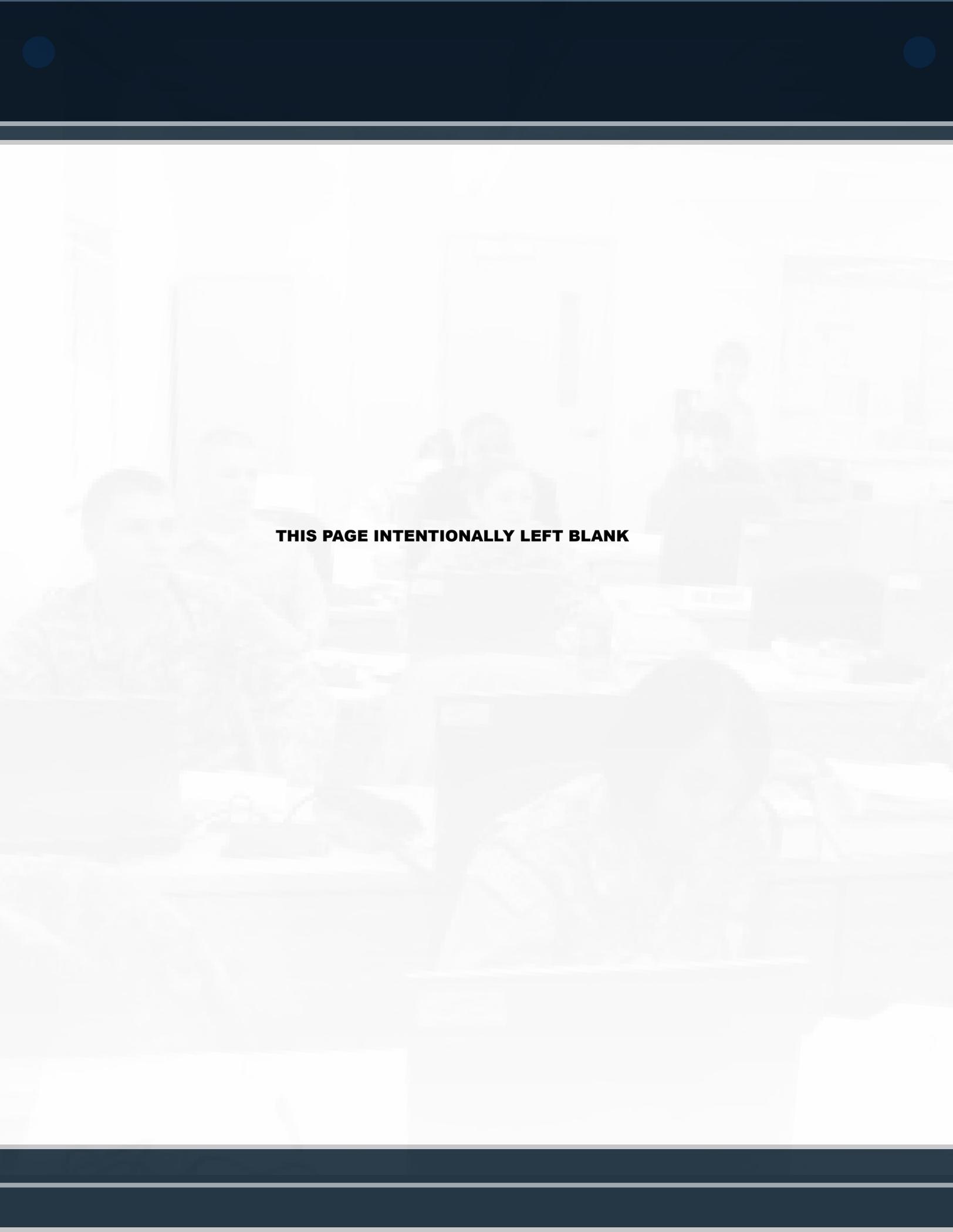
JOINT BASE SAN ANTONIO • FORT SAM HOUSTON, TEXAS



2016

PROGRAM CATALOG

**TRAIN FOR THE MISSION...EDUCATE FOR A
LIFETIME!**

A faded, grayscale photograph of a classroom. In the foreground, a student with dark hair is seen from behind, sitting at a desk. In the middle ground, several other students are seated at desks, some looking towards the camera. In the background, a teacher is standing at the front of the room, possibly near a whiteboard. The overall scene is a typical classroom setting.

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MEDICAL EDUCATION & TRAINING CAMPUS

VISION:

Train for the Mission and Educate for a Lifetime of Service

METC MISSION STATEMENT:

Train the world's finest Medics, Corpsmen, and Technicians; supporting our Nation's ability to engage globally. Our #1 job is training individuals to be the world's finest Medics, Technicians, and Corpsmen to have them leave us with the best knowledge, the best skills, the best attributes, 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

The 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 JBSA-Fort Sam Houston, TX. As a result, four major learning institutions for Navy and Air Force relocated to JBSA-Fort Sam Houston, where the Army was already training its enlisted medical force under the Army Medical Department Center & School's (AMEDDC&S) Academy of Health Sciences. The Naval School of Health Sciences (NSHS) in San Diego, CA.; NSHS in Portsmouth, VA.; Navy Hospital Corps School (NHCS) in Great Lakes, IL; and the 882nd Training Group (now the 937th TRG) at Sheppard Air Force Base moved to JBSA-Fort Sam Houston. The METC is now the largest military medical education and training facility in the world.

The METC's footprint covers more than 1 million square feet on JBSA-Fort Sam Houston and cost more than \$1.2 billion to build and equip. After construction began on July 21, 2008, sixteen new facilities were built including five student dormitories and five instructional buildings. Other construction included a dining facility, fitness center, a Navy and Air Force shared command building, and a METC Headquarters. Six existing (AMEDDC&S) buildings underwent renovations to accommodate METC students.

The 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. The METC became fully operational capable on September 15, 2011. On August 10, 2014 METC realigned under the new Education and Training Directorate of the Defense Health Agency (DHA) during the Initial Operational Capability phase.

GENERAL INFORMATION

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About 20,000 students are projected to graduate each year, with an average daily student load of approximately 6,500. METC officials also employ an operating staff and faculty of 1,200. By service, the student breakdown includes approximately 45 percent Army, 31 percent Navy and 24 percent Air Force. The longest program offered is Cytotechnologist at 52 weeks; and the shortest, at four weeks, is Healthcare Administration. The METC offers 48 enlisted 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 prerequisites 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 the METC. For information, contact the AMEDD International Military Student Office (IMSO): AMEDDCS.IMSO@AMEDD.ARMY.MIL

GRADING SYSTEM

All METC student grades will be maintained in the Student Management and Registrar Tool (SMART) Army Training Requirements and Resources System (ATRRS), the official METC grade book. The Student Evaluation and Administration Plan (SEAP) 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 the METC. The 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, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

GENERAL INFORMATION

MEDICAL EDUCATION & TRAINING CAMPUS

RULES AND REGULATIONS FOR CODE OF CONDUCT

Academic integrity is fundamental to all academic endeavors at the 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 the 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

The 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 the 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 Standards and Evaluation Quality Assurance Department at (210) 808-6364.

STUDENT GRIEVANCE PROCEDURE

The 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 contact the Council on Occupational Education, 7840 Roswell Road, Building 300, Suite 325, Atlanta, GA 30350, Telephone: 770-396-3898 / FAX: 770-396-3790, or visit their website at WWW.COUNCIL.ORG.

ACADEMIC AND NON-ACADEMIC APPEAL

The 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 Military Occupational Specialty (MOS), Navy Enlisted Classifications (NEC), Air Force Specialty Code (AFSC), and what constitutes Academic Oversight Board (AOB) discipline.

GENERAL INFORMATION

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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 the METC may remove the student from training for military or personal 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 AND FACULTY QUALIFICATIONS

For faculty information, contact the Human Resources Lead at (210) 808-1209.

EDUCATION FACILITIES

Photos of our facilities are located on our website WWW.METC.MIL in the Campus Tour button link located on the second row. Additionally, a video located on WWW.METC.MIL under the heading, "Watch METC Tube", shows a brief presentation of our education facilities and classes.

MAIN CAMPUS AND ADDITIONAL FACILITIES

Medical Education & Training Campus
3176 CPL Johnson Rd, BLDG 1291
JBSA-Ft Sam Houston, Texas 78234
Phone Number (210) 808-6382

Heroes Hall
3068 William Hardee Rd, BLDG 899
JBSA-Ft Sam Houston, Texas 78234

Sebban Hall
3098 William Hardee Rd, BLDG 1393
JBSA-Ft Sam Houston, Texas 78234

Medical Logistics
2640 Scott Rd, BLDG 2640
JBSA-Ft Sam Houston, Texas 78234

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MEDICAL EDUCATION & TRAINING CAMPUS

Heritage Hall
3038 William Hardee Rd, BLDG 895
JBSA-Ft Sam Houston, Texas 78234

BMET Field Site
2484 Garden Ave, BLDG 4120
JBSA-Ft Sam Houston, Texas 78234

Smith Hall
3480 Garden Ave, BLDG 1356
JBSA-Ft Sam Houston, Texas 78234

McWethy Hall - Combat Medics
3375 Cpl Johnson Rd, BLDG 1374
JBSA-Ft Sam Houston, Texas 78234

Anderson Hall
3488 Garden Ave. BLDG 1364
JBSA-Ft Sam Houston, Texas 78234

LaPointe Hall - Combat Medics
3375 Cpl Johnson, BLDG 1375
JBSA-Ft Sam Houston, Texas 78234

INSTITUTIONAL ACCREDITATION

The Medical Education and Training Campus is institutionally accredited by two agencies consistent with the standards that are recognized by the U.S. Secretary of Education.

Council on Occupational Education

The Medical Education and Training Campus is accredited by the Commission of the Council on Occupational Education (COE). COE provides accreditation services to post-secondary occupational education institutions, and is a recognized authority on the quality of education offered by the institutions. COE functions as a national institutional accrediting agency for the accreditation of non-degree-granting and applied associate degree-granting post-secondary occupational education institutions.

Southern Association of Colleges and Schools

The Medical Education and Training Campus is affiliated with the federally-chartered Community College of the Air Force (CCAF), which receives regional accreditation from Southern Association of Colleges and Schools (SACS). CCAF is a degree-granting institution that serves the United States Air Force's enlisted total force. CCAF awards applied science degrees and other academic credentials for on the job-related training and education.

OCCUPATION CERTIFICATION AND LICENSURE

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

CAREER INFO NET

Licensed Occupations:

[HTTP://WWW.CAREERINFONET.ORG/](http://www.careerinfonet.org/)

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AIR FORCE:

Air Force Credentialing Opportunities On-line:

WWW.MY.AF.MIL/AFVECPROD/AFVEC/PUBLIC/COOL/DEFAULT.ASPX

ARMY:

Army Credentialing Opportunities On-line:

WWW.COOL.ARMY.MIL

NAVY:

Navy Credentialing Opportunities On-line:

WWW.COOL.NAVY.MIL

DEGREE COMPLETION BRIDGE PROGRAMS

An increasing number of METC programs are required by the Services to complete a degree. In the cases where the Service do not require degree completion, METC assists our students and faculty in pursuit of voluntary post-secondary studies through the establishment of degree completion pathways that recognize the quality of military education, training, and experience. Use the following link to access information related to METC degree completion bridge programs: WWW.METC.MIL/ACADEMICS/METRICS/. A direct link to the Degree Bridge information: WWW.METC.MIL/DEGREEBRIDGE.

DEPARTMENT OF ANCILLARY SERVICES

TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS



NUTRITION AND DIET THERAPY

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USAF: 173 hours
USA: 279 hours

Iterations Per Year:
USAF: 4
USA: 48

Program Description:

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. The instructional design of this program's courses is group-lock step. Quality control, principles and practical application of food production, safety, and sanitation for various lifecycles are discussed, in depth, throughout the program. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. A simulation for military contingency operations is provided in a non-classroom setting.

Special Information:

Air Force students are required to attend the Diet Therapy Fundamentals program as a prerequisite prior to entering this program.



NUTRITIONAL MANAGEMENT AND ACCOUNTING **ATRRS**

Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USAF: 80 hours

Iterations Per Year:
USAF: 2

Program Description:

The Nutritional Management and Accounting program provides formal education and training to enlisted personnel in the knowledge and skills needed to perform preventative nutrition services. The scope of training 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, date quality management, counseling skills, and outcomes measurement. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

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OCCUPATIONAL THERAPY ASSISTANT

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

School Code 083

USAF: N/A

USA: Occupational Therapy Specialist

USN: Occupational Therapy Assistant

Program Length:

USA: 1358 hours

USN: 1337 hours

Iterations Per Year:

USA: 3

USN: 3

Program Description:

The Occupational Therapy Assistant (OTA) program is an introduction to the delivery of occupational therapy care. Student learns to assist Occupational Therapists in data gathering, treatment planning and implementation within the theoretical framework of occupational behavior/performance. They assist in providing health maintenance services to decrease effects of physical/mental disabilities and promote physical fitness/wellness of patients. The instructional design of this program's courses is group-lock step. The OTA program is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Occupational Therapy Specialists/Assistants within fixed and deployable medical facilities. Students will learn the occupational therapy mission and scope of practice by training on the 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. Major areas of instruction are: fundamentals of practice, psychology, human anatomy, physiology, and kinesiology, orthopedics, rehabilitation, occupational therapy treatment medias, clinical reasoning, fieldwork experience 1 (level 1 observation) and fieldwork experience (level 2 practical experience). Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing diagnostic and therapeutic procedures in the care of patients. Training consists of a continuation of written and oral assignments as well as application (hands-on) of skills learned in Phase I. The specific nature of this program is to prepare Occupational Therapy Specialist/Assistant students to practice as entry-level Occupational Therapy Specialists/Assistants. Training will include, but is not limited to: hospital inpatient/outpatient occupational therapy treatments, assisting skilled nursing staff in an inpatient rehabilitation physical therapy facility setting, orthopedic/hand therapy, and mental/behavioral health rehabilitation settings while utilizing Occupational Therapy Department facilities at MTFs. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Special Information:

The Occupational Therapy Assistant program culminates with the awarding of an Associate of Applied Science degree in Occupational Therapy from the University of the Incarnate Word.

Accreditation Information:

The Occupational Therapy Assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) at (WWW.ACOTEONLINE.ORG) and meets the standards of program approval established by the American Occupational Therapy Association (WWW.AOTA.ORG).

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Accreditation Council for Occupational Therapy Education
4720 Montgomery Lane, Suite 200
Bethesda, MD 20814-3449
(301) 652-6611, ext. 2914

Credentialing Information:

Graduates of this program are eligible to sit for the national credentialing examination and qualify for the designation, Certified OTA.



PHARMACY TECHNICIAN

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

Program Length:
USAF: 616 hours
USA: 874 hours
USN: 908 hours

Iterations Per Year:
USAF: 6
USA: 6
USN: 6

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

Program Description:

The Pharmacy Technician program prepares students to perform both inpatient and outpatient pharmacy operations in both traditional and non-traditional pharmacy practice settings. The instructional design of this program's courses is group-lock step. The Pharmacy Technician program is a consolidated program with three military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Pharmacy Technicians/Specialists within fixed and deployable medical facilities. Students will learn 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 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF or civilian institution. The program prepares the student to exercise judgment and accept responsibility in performing pharmacy procedures. Students will train in the areas of: inpatient procedures (IV preparation, maintaining medical carts, emergency crash carts, and ward stock), outpatient procedures (patient check-in, order entry, and disbursing process), and receipt of stock from vendors. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Accreditation Information:

The Pharmacy Technician program is accredited by the American Society of Health-System Pharmacists (WWW.ASHP.ORG).

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American Society of Health-System Pharmacists
7272 Wisconsin Avenue
Bethesda, Maryland 20814
(866) 279-0681

Credentialing Information:

Graduates of this program are eligible to take the Pharmacy Technician Certification Exam (PTCE) and qualify for the designation, Certified Pharmacy Technician (CPhT).



PHYSICAL THERAPIST ASSISTANT

School Code 083

USAF: Physical Medicine Apprentice

USA: Physical Therapy Specialist

USN: Physical Therapy Technician

Program Length:

USAF: 626 hours

USA: 1042 hours

USN: 962 hours

Iterations Per Year:

USAF: 3

USA: 3

USN: 3

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

Program Description:

Physical Therapist Assistants (PTA) are allied health professionals who assist the Physical Therapist in treating patients of all ages specifically focused on the diagnostic and interventional treatment of patients with musculoskeletal, neurological, and certain general medical disorders under the care of the Physical Therapist. The PTA Program is a consolidated program with three military services that has a two stage, field of study schedule. Formal didactic training is conducted within METC's facilities and then hands-on clinical training is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Physical Therapy Assistants/Specialists/Technicians within fixed and deployable medical facilities. Students will learn the physical therapy mission and scope of practice, duties and responsibilities of a physical therapy assistant. The PTA Program provides simulated and live training in all aspects of Physical Therapy medicine to include functional human anatomy, physiology, kinesiology, clinical pathophysiology, and musculoskeletal physical therapy assessment and management. Student receive an introduction to therapeutic exercises, procedures, modalities (Physical Agents: Spinal Traction, Ultrasound, Electrotherapy, Theory and application of Transcutaneous Electrical Nerve Stimulation (TENS), and iontophoresis), neurological and medical disorders, physical therapy assessments, clinical management, professional communication, psychosocial issues in health care, and clinical experiences. 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 their pre-clinical training. The courses for the PTA Program 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. The training consists of lectures, group activities, demonstrations, hands-on instruction and clinical practice. Performance exercises, presentations, written examinations, and clinical/practicum are used to assess accumulation and retention of knowledge and skills.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum

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TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS

in a MTF. Students will train in the areas of: professional behavior, communication skills (written and verbal), examination skills (goniometry, manual muscle testing, and gait assessment), treatment skills, and general skills (safety, record reviews, critical thinking, patient assessment, infection control, body mechanics, and patient positioning). Such training will include training in outpatient orthopedics, inpatient acute care, and neuromusculoskeletal rehabilitation. Students will also carry out prescribed physical therapy treatment programs to include the following: transfer training, gait training, bed mobility, therapeutic exercise instruction, patient and family education, and application of physical modalities such as ultrasound, traction, iontophoresis, electrical stimulation, heat, and cold. As available, students will also receive training specific to geriatrics, pediatrics, wound and burn care, and amputee care. Additionally, students will receive training with evidence-based clinical case studies. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Accreditation Information:

The Physical Therapist Assistant program is accredited by the Commission on Accreditation in Physical Therapy Education (WWW.CAPTEONLINE.ORG).

Commission on Accreditation in Physical Therapy Education
1111 North Fairfax Street
Alexandria, Virginia 22314
(800) 999-2782

DEPARTMENT OF BASIC MEDICAL TECHNICIAN/CORPSMEN TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS



BASIC MEDICAL TECHNICIAN/CORPSMAN PROGRAM

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Aerospace Medical Service Apprentice

USA: N/A

USN: Hospital Corpsman

Program Length:

USAF: 800 hours

USN: 560 hours

Iterations Per Year:

USAF: 50

USN: 50

Program Description:

The Basic Medical Technician Corpsman Program (BMTCP) is an introduction to the delivery of medical care and the associated duties of providing quality emergency, nursing and primary care procedures. The instructional design of this program's courses is group-lock step. BMTCP is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military treatment facilities (MTF), Veterans Administration (VA), and/or civilian hospitals.

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Medical Technicians and Corpsman within fixed and deployable medical facilities. Students are introduced to the duties and responsibilities of medical technicians and corpsman who will be instructed in: medical terminology, anatomy & physiology, Basic Life Support (BLS), Emergency Medical Technician-Basic curricula, as well as various aspects of nursing and primary patient care. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF, VA and/or civilian hospitals. The program prepares the student to exercise judgment and accept responsibility in performing diagnostic and therapeutic procedures in the care of medical patients. Studies include, but are not limited to: basic anatomy and physiology, history and physical assessment, cardiac life support, sanitation and associated first aid procedures, infection control, universal precautions, vital signs, intravenous care, wound care management, basic psychology, customer service, recognition of basic processes and techniques utilized during patient interviews, and utilization and screening of medical records (to maintain medical standards). Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Credentialing Information:

Graduates are trained to the national standards of Emergency Medical Technician (EMT). All Air Force graduates must pass the national certification/examination process.

All graduates are certified in Healthcare Provider Basic Life Support.

DEPARTMENT OF COMBAT MEDIC

TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS



HEALTH CARE SPECIALIST

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

Program Length:
USA: 640 hours

Iterations Per Year:
USA: 17

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

Program Description:

The Health Care Specialist program provides students with formal education and training that develops them into effective soldiers and competent medical care providers. This training program provides enlisted Army personnel with a foundational knowledge of Basic Life Support, Basic Emergency Medical Technician (EMT) skills, battlefield medicine principles, airway management, patient assessment, limited primary care, medical emergencies, trauma, ambulance operations, and Tactical Combat Casualty Care (TC3). Students will master theories in pre-hospital care, transporting patients, and anatomy and physiology, with a focus on patient assessment and appropriate interventions in various rescue scenarios, including trauma, extrication, medical emergencies, behavioral and environmental emergencies and special populations such as children and the elderly. Training in basic life support (cardiopulmonary resuscitation) and certification will also be provided. Training provides the required competencies necessary for each student to effectively treat pre-hospital patients that presents in emergency and non-emergency conditions. Upon completion of the program, students will be able to provide emergency medical treatment, limited primary care, force health protection, triage, combat trauma treatment and evacuation in a variety of operational and clinical environments from the point of injury or illness through the continuum of military health care. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, simulations, and practical exercises. Quality control and safety principles are emphasized throughout the program.

Special Information:

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.

Credentialing Information:

Graduates are certified to the national standards of Emergency Medical Technician (EMT), and proficient in Tactical Combat Casualty Care principles.

DEPARTMENT OF DENTAL SERVICES

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AIR FORCE DENTAL ASSISTANT

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

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

Program Length:
USAF: 381 hours

Iterations Per Year:
USAF: 12

Program Description:

Program Description:

The Air Force Dental Assistant program provides students with formal education and training that develops them into entry-level Dental Assistants within fixed and deployable medical facilities. Students are trained in the basic dental disciplines of: head anatomy, 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 equipment, and perform basic oral hygiene procedures. Dental skill demonstrations and practice are provided in laboratory settings. Additionally, utilizing medical treatment facilities (MTF), students will perform a clinical rotation through a dental clinic to be active participants in chair side dentistry to include, but not limited to, the following: operative procedures, sick call/exams, oral surgery, endodontics, and prosthodontics. Students must demonstrate entry level mastery of the following: professional behavior, written and verbal communication, chair side assisting skills, radiology and general skills including safety, charting, infection control (via Central Sterilization Room), and patient verification. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program. Clinical rotations will be conducted while utilizing work spaces designated for providing dental services for patients.

Accreditation Information:

The AF Dental Assistant Apprentice program is accredited by the Commission on Dental Accreditation (www.ada.org/en/coda).

Commission on Dental Accreditation
211 East Chicago Avenue
Chicago, Illinois 60611
(312) 440-4653

Credentialing Information:

The AF Dental Assistant Apprentice program offers 2 of 3 Certified Dental Assistant (CDA) examinations to include Radiation Health & Safety (RHS) and Infection Control Examination (ICE) via the Dental Assisting National Board (www.danb.org) which is not a requirement for graduation.

Applicants must complete the 15 month upgrade training to 5 level where upon they may choose to challenge the 3rd final General Chair side (GC) examination and receive full CDA certification.

DEPARTMENT OF DENTAL SERVICES

TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS



ARMY DENTAL ASSISTANT

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

Program Length:
USA: 320 hours

Iterations Per Year:
USA: 17

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

Program Description:

The Army Dental Assistant program provides students with formal education and training that develops them into entry-level Dental Assistants within fixed and deployable medical facilities. Students are trained in the basic dental disciplines of: head anatomy, 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 equipment, and perform basic oral hygiene procedures. Dental skill demonstrations and practice are provided in laboratory settings. Additionally, utilizing medical treatment facilities (MTF), students will perform a clinical rotation through a dental clinic to be active participants in chair side dentistry to include, but not limited to, the following: operative procedures, sick call/exams, oral surgery, endodontics, and prosthodontics. Students must demonstrate entry level mastery of the following: professional behavior, written and verbal communication, chair side assisting skills, radiology and general skills including safety, charting, infection control (via Central Sterilization Room), and patient verification. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program. Clinical rotations will be conducted while utilizing work spaces designated for providing dental services for patients.



NAVY DENTAL ASSISTANT

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

Program Length:
USN: 240 hours

Iterations Per Year:
USN: 25

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

Program Description:

The Navy Dental Assistant program provides students with formal education and training that develops them into entry-level Dental Assistants within fixed and deployable medical facilities. Students are trained in the basic dental disciplines of: oral anatomy, dental administration, and dental procedures. Performance-based training is conducted for: infection control, general chair-side, and radiology procedures in simulated and on-the-job clinical environments. Students mix dental materials, maintain dental equipment, and perform basic oral hygiene procedures. Dental skill demonstrations and practice are provided in laboratory settings. Additionally, utilizing medical treatment facilities (MTF), students will perform a clinical rotation through a dental clinic to be active participants in chair side dentistry to include, but not limited to, the following: operative procedures, sick call/exams, oral surgery, endodontics, and prosthodontics. Students must demonstrate entry level mastery of the following: professional behavior, written and verbal communication, chair side assisting skills, radiology and general skills including

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safety, charting, infection control (via Sterilization Processing Department), and patient verification. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program. Clinical rotations will be conducted while utilizing work spaces designated for providing dental services for patients.



DENTAL BASIC LABORATORY TECHNICIAN

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Dental Laboratory Apprentice

USA: Dental Laboratory Specialist

USN: Dental Laboratory Technician Basic

Program Length:

USAF: 1032 hours

USA: 960 hours

USN: 960 hours

Iterations Per Year:

USAF: 7

USA: 7

USN: 7

Program Description:

The Dental Basic Laboratory Technician program provides students with formal education and training that develops them into entry-level Dental Laboratory Technicians. This program is a consolidated program with three military services that is designed to provide training to include: fabrication of a complete dentures, Removable Partial Dentures (RDPs) and treatment appliances, full metal restorations, metal-ceramic restorations, dental implants and Computer Aided Design (CAD)/Computer Aided Manufacturing (CAM) Technology. Performance-based training is conducted for all aspects of training as this program deals in the fabrication of dental appliances. Students mix dental materials, maintain dental equipment, and perform basic dental appliance creation procedures. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Accreditation Information:

The Dental Basic Laboratory program is accredited by the Commission on Dental Accreditation ([WWW.ADA.ORG/EN/CODA](http://www.ada.org/en/coda)).

Commission on Dental Accreditation
211 East Chicago Avenue
Chicago, Illinois 60611
(312) 440-4653

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DENTAL ADVANCED LABORATORY TECHNICIAN

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: N/A

USA: N/A

USN: Dental Laboratory Technician, Advanced

Program Length:

USN: 957 hours

Iterations Per Year:

USN: 2

Program Description:

The Dental Advanced Laboratory Technician program provides advanced formal education and training in the dental laboratory sciences utilized in military dental laboratories. Students are trained in the major disciplines of: advanced porcelain techniques, fixed prosthodontics, and removable prosthodontics. Performance-based training is conducted for all aspects of training as this program deals in the fabrication of dental appliances. This program includes training in Dental Advanced Fixed Laboratory Technician I, Dental Advanced Removable Laboratory Technician, and Dental Advanced Fixed Laboratory Technician II programs. It also includes Navy specific advanced training on fabrication of incisal guide tables, denture set-up, complex removable dental prosthesis, articulation, diagnostic wax-ups, metal-ceramics, implants, radiographic stents, surgical guides, custom trays, provisionals, hybrid implant restorations, dentures, dental laboratory management and administration. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.



DENTAL ADVANCED FIXED LABORATORY I TECHNICIAN

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Fixed Prosthodontics I

USA: N/A

USN: Dental Laboratory Technician, Advanced

Program Length:

USAF: 144 hours

USN: 144 hours

Iterations Per Year:

USAF: 3

USN: 3

Program Description:

The Dental Advanced Fixed Laboratory Technician program is a consolidated program with two military services that is designed to provide advanced formal education and training in the dental laboratory sciences. It provides students with advanced instruction for procedures accomplished in dental laboratories, with an emphasis on path of insertion, functional requirements and design principles. Students are trained in the advanced disciplines of: fabrication of non-ridged connectors, custom abutments, survey crowns, implant-supported porcelain fused to metal restoration, and Computer-Aided Design (CAD). Performance-based training is conducted for all aspects of training as this program deals in the fabrication of fixed dental prostheses. Students mix dental materials, maintain dental equipment, and perform advanced dental restoration creation procedures. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

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DENTAL ADVANCED FIXED LABORATORY II TECHNICIAN

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Fixed Prosthodontics II

USA: Advanced Dental Laboratory Specialty

USN: Dental Laboratory Technician, Advanced

Program Length:

USAF: 184 hours

USA: 184 hours

USN: 184 hours

Iterations Per Year:

USAF: 3

USA: 3

USN: 3

Program Description:

The Dental Advanced Fixed Laboratory II Technician program is a consolidated program with three military services that is designed to provide advanced instruction and procedures in the dental laboratory sciences. Students are trained in the advanced disciplines of: fabrication of Complex Metal and All-Ceramic Fixed Dental Prostheses (FDPs) utilizing the Computer-Aided Design/Computer-Aided Manufacturing (CAD/CAM) system, Press on Metal (POM) FDP and pressable veneers. Students mix dental materials, maintain dental equipment, and perform advanced dental prosthesis creation procedures with emphasis on characterization and staining options. Performance-based training is conducted for all aspects of training as this program deals in the fabrication of dental appliances. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.



DENTAL ADVANCED REMOVABLE LABORATORY TECHNICIAN

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Removable Prosthodontics

USA: N/A

USN: Dental Laboratory Technician, Advanced

Program Length:

USAF: 160 hours

USN: 160 hours

Iterations Per Year:

USAF: 3

USN: 3

Program Description:

The Dental Advanced Removable Laboratory Technician program is a consolidated program with two military services that is designed to provide advanced formal education and training in the dental laboratory sciences. Students are trained in the major disciplines of: fabrication of a removable partial denture (RPD), implant-supported denture, both active and passive orthodontic appliances and specialized removable prostheses to include a sleep apnea device and ear piece. Performance-based training is conducted for all aspects of training as this program deals in the fabrication of dental appliances. Students mix dental materials, maintain dental equipment, and perform advanced dental appliance creation procedures. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

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AIR FORCE MEDICAL LABORATORY TECHNICIAN

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

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

Program Length:
USAF: 2144 hours

Iterations Per Year:
USAF: 7

Program Description:

The Air Force Medical Laboratory Technician (MLT) program provides education and training in the major disciplines of the clinical laboratory. The program prepares the laboratory technician to perform laboratory procedures at a medical treatment facility (MTF) under the supervision of a qualified laboratory technician/technologist. The instructional design of this program's courses is group-lock step. This is a single service program that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military MTFs.

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Medical Laboratory Technicians within fixed and deployable medical facilities. Students will learn the medical laboratory mission and scope of practice. Training includes the study of: clinical chemistry, hematology, immunohematology, immunology, microbiology, parasitology, urinalysis, blood donor center operations, specimen collection and processing, and laboratory operations/management. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. The MLT program provides graduates with knowledge and technical skills required to achieve medical laboratory technician entry-level competencies, and meets basic requirements of the DoD Clinical Laboratory Improvement Program (CLIP). Quality assurance and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing clinical laboratory procedures in the care of patients. The training will include, but is not limited to: the application of specimen collection, clinical chemistry, microbiology, hematology and coagulation, immunohematology, urinalysis, and immunology/serology in a medical laboratory setting, using the areas of practice of medical laboratory department technicians at MTFs. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Accreditation Information:

The Medical Laboratory Apprentice program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences ([WWW.NAACLS.ORG](http://www.naacls.org)).

National Accrediting Agency for Clinical Laboratory Sciences
5600 N. River Rd., Suite 720
Rosemont, IL 60018-5119
(773) 714-8880

Credentialing Information:

Graduates are eligible to take the credentialing examination for Medical Laboratory Technician certification through the American Society of Clinical Pathology ([WWW.ASCP.ORG](http://www.ascp.org)) Board of Certification.

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ARMY & NAVY MEDICAL LABORATORY TECHNICIAN

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

School Code 083

USAF: N/A

USA: Medical Laboratory Specialist

USN: Medical Laboratory Technician

Program Length:

USA: 2080 hours

USN: 2120 hours

Iterations Per Year:

USA: 9

USN: 9

Program Description:

The Army & Navy Medical Laboratory Technician (MLT) program provides education and training in the major disciplines of the clinical laboratory. The program prepares the laboratory technician to perform laboratory procedures at a medical treatment facility (MTF) under the supervision of a qualified laboratory technician/technologist. The instructional design of this program's courses is group-lock step. This is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian MTF.

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Medical Laboratory Specialists/Technicians within fixed and deployable medical facilities. Students will learn the medical laboratory mission and scope of practice. Training includes the study of: clinical chemistry, hematology, immunohematology, immunology, microbiology, parasitology, urinalysis, blood donor center operations, specimen collection and processing, and laboratory operations/management. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. The MLT program provides graduates with knowledge and technical skills required to achieve medical laboratory technician entry-level competencies, and meets basic requirements of the DoD Clinical Laboratory Improvement Program (CLIP). Quality assurance and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing clinical laboratory procedures in the care of patients. The training may include, but is not limited to: the application of specimen collection, clinical chemistry, microbiology, hematology and coagulation, immunohematology, urinalysis, and immunology/serology in a medical laboratory setting, using the areas of practice of medical laboratory department technicians at MTFs. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Accreditation Information:

The Medical Laboratory Apprentice program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (WWW.NAACLS.ORG).

National Accrediting Agency for Clinical Laboratory Sciences
5600 N. River Rd., Suite 720
Rosemont, IL 60018-5119
(773) 714-8880

Credentialing Information:

Graduates are eligible to take the credentialing examination for Medical Laboratory Technician certification through the American Society of Clinical Pathology (WWW.ASCP.ORG) Board of Certification.

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CYTOTECHNOLOGIST

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

School Code 083

USAF: N/A

USA: Cytotechnology Specialty

USN: N/A

Program Length:

USA: 2000 hours

Iterations Per Year:

USA: 1

Program Description:

The Cytotechnologist program is a Bachelors of Science degree granting program that provides education and training in the art and science of cytopathology. This program will prepare graduates to function as cytotechnologists. Graduates will demonstrate the technical skills and knowledge necessary to evaluate a variety of cellular elements and make final diagnosis on negative GYN specimens and initial diagnoses on all other specimens. The instructional design of this program's courses is group-lock step. The Cytotechnologist program has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level cytotechnologists within MTFs. Training involves 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, cerebrospinal fluid, soft tissue and bone, as well as fine needle aspiration of the lymph nodes, thyroid gland and salivary gland. Students will learn to recognize normal, inflammatory, benign, and malignant conditions by analyzing cellular changes and to make initial judgments regarding etiology and severity of change. In addition, students learn entry level histologic skills on how to gross, fix, process, embed, cut, and stain tissue, as well as special stains, immunohistochemistry, and molecular pathology. Progress through the program is dependent upon the understanding of concepts developed through the use of lectures, visual images, microscopic slides, and human and animal tissue samples. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing cytotechnology procedures. Students will be provided patient microscopic slides for screening and specimens for cytoprocessing. They will learn to screen and diagnose GYN, NON GYN and Fine Needle Aspirations (FNA) case slides regularly in order to develop competency in their diagnostic and locator skills. Additionally, students will rotate through the histology section for training in specimen accessioning, specimen processing, embedding, general microtomy, and histopathology training, utilizing the Department of Anatomic Pathology, and all areas of practice of the Department of Anatomic Pathology. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Accreditation Information:

The Cytotechnologist program complies with requirements and recommendations of the American Society of Clinical Pathology ([WWW.ASCP.ORG](http://www.ascp.org)) and the Commission on Accreditation of Allied Health Education Programs ([WWW.CAAHEP.ORG](http://www.caahep.org)), qualifying graduates to receive baccalaureate degrees from regionally accredited colleges and universities.

The Cytotechnology program is accredited by the Commission on Accreditation of Allied Health Education Programs ([WWW.](http://www.caahep.org)

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CAAHEP.ORG) upon the recommendation of the American Society of Cytopathology.

Commission on Accreditation of Allied Health Education Programs
1361 Park Street
Clearwater, FL 33756
(727) 210-2350

American Society of Clinical Pathology
33 West Monroe St, Suite 1600
Chicago, IL 60603
(312) 541-4999

Cytotechnology Programs Review Committee
100 West 10th Street, Suite 605
Wilmington, DE 19801
(302) 543-6583

Credentialing Information:

Cytotechnology students are credentialed upon graduation by the American Society for Clinical pathology (ASCP). To be eligible for the credential examination, an applicant must satisfy the requirements of having a Baccalaureate degree or higher from a regionally accredited college/university, AND successful completion of a CAAHEP accredited Cytotechnology program within the last 5 years.



DIAGNOSTIC MEDICAL SONOGRAPHER

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

School Code 083

USAF: Diagnostic Medical Sonography

USA: N/A

USN: Ultrasound Technologist

Program Length:

USAF: 1067 hours

USN: 1067 hours

Iterations Per Year:

USAF: 4

USN: 4

Program Description:

The Diagnostic Medical Sonographer program provides formal education and training that prepare graduates to perform basic clinical diagnosis and facilitate patient care in a healthcare setting through the practice of medical sonography. The instructional design of this program's courses is group-lock step. This is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Diagnostic Medical Sonographers/Ultrasound Technologists within MTFs. Students are trained in the major disciplines of: ultrasound physics, sonography of the abdomen, small parts/basic vascular sonography, sonography of the pelvis, and obstetrical sonography. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program. Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum

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in a medical treatment facility (MTF). The program provides students with clinical and didactic training. The didactic portion of the program expands on the topics and theories learned during the Diagnostic Ultrasound Sonographer training at METC. The didactic element of clinical training provides instruction on ultrasound-based pathology while the program also provides preparation, knowledge, and performance instruction for the following: obstetrical, pelvic, endovaginal, abdominal, thyroid, breast, testicular, carotid, and lower extremity peripheral vascular sonography. Training is conducted under the supervision of a course supervisor and qualified preceptors. Graduation is contingent upon satisfactory completion of both the clinical and didactic areas of the course.

Credentialing Information:

Graduates are eligible to take national registry exams through the American Registry for Diagnostic Medical Sonography WWW.ARDMS.ORG after completion of the entire program and one year on-the-job training/clinical experience at their gaining units.

HISTOTECHNICIAN

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USAF: 1440 hours
USN: 1440 hours

Iterations Per Year:
USAF: 2
USN: 2



Program Description:

A histotechnician is an allied health professional who utilizes histology techniques and technology to diagnose diseases at the cellular level. The Histotechnician program provides the education and training in the art and science of histopathology. The instructional design of this program's courses is group-lock step. This is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level histopathology apprentices/technicians within fixed and deployable medical facilities. Students will learn the histopathology mission and scope of practice. Instruction is presented in the following units: 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing diagnostic procedures in the care of patients. Students will perform a clinical rotation to obtain practical training necessary to prepare them for assignment as entry level Histopathology Technicians. Training will include, but is not be limited to: grossing tissue, embedding and sectioning blocks, staining and cover slipping slides, assisting in necropsies, and assisting in administrative tasks. Additional duties such as filing slides, labeling slides, filing blocks, coverslipping, and or general lab clean up, also known as service work, are a part of this training program. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Accreditation Information:

The Histotechnician program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (WWW.NAACLS.ORG).

National Accrediting Agency for Clinical Laboratory Sciences
5600 N. River Rd., Suite 720
Rosemont, IL 60018-5119
(773) 714-8880

Credentialing Information:

With the successful completion of the NAACLS accredited Histotechnician program within the last 5 years. Graduates are eligible to take the certification examination as histotechnicians through the American Society for Clinical Pathology (WWW.ASCP.ORG) Board of Certification.



NEURODIAGNOSTIC TECHNOLOGIST

School Code 083

USAF: Neurodiagnostics Technologist

USA: N/A

USN: Electroneurodiagnostic Technologist

Program Length:

USAF: 1064 hours

USN: 1064 hours

Iterations Per Year:

USAF: 1

USN: 1

ATRRS

Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

Program Description:

The Neurodiagnostic Technologist program is responsible for providing students 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 instructional design of this program's courses is group-lock step. This is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Neurodiagnostic Technologist within fixed MTFs. Training includes the study of: electroencephalography (EEG), evoked potentials (EP), nerve conduction studies (NCS) and polysomnography (PSG), 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing diagnostic procedures in the care of neurodiagnostic patients. Students will obtain practical training assisting in the performance of: electroencephalograms, long term epilepsy monitoring, ambulatory electroencephalograms, evoked potentials, nerve conduction velocity, polysomnography, multiple sleep latency tests, and intraoperative monitoring cases. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

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Accreditation Information:

The Neurodiagnostic Technologist program complies with requirements and recommendations of the Commission on Accreditation of Allied Health Education Programs: Committee on Accreditation for Education in Neurodiagnostic Technology (CAAHEP: CoA-NDT) ([WWW.COA-NDT.ORG](http://www.coa-ndt.org)).

The Neurodiagnostic Technologist program is accredited by the Commission on Accreditation of Allied Health Education Programs ([WWW.CAAHEP.ORG](http://www.caahep.org)).

Committee on Accreditation for Education in Neurodiagnostic Technology
1449 Hill Street
Whitinsville, MA 01588-1032
(978) 338-6300

Commission on Accreditation of Allied Health Education Programs
1361 Park Street
Clearwater, FL 33756
(727) 210-2350

Credentialing Information:

Graduates are eligible for multiple credentials upon completion of the program through the American Board of Registration of Electroencephalographic and Evoked Potential Technologists (ABRET) or the Board of Registered Polysomnographic Technologists (BRPT).

Per the American Board of Registration of Electroencephalographic and Evoked Potential Technologists ([WWW.ABRET.ORG](http://www.abret.org)), applicants must meet the following requirements:

To be eligible for the Electroencephalography (EEG) credential, applicants must be enrolled for at least 6 months in a CAAHEP accredited program and have a current CPR/BCLS certification. During clinical training, students are eligible to take the EEG Part 1 credential examination. Upon completion of the program and having passed EEG Part 1, graduates are then eligible to take the EEG Part 2 certification examination.

Graduates are eligible for the Evoked Potential (EP) credential examination upon completion of a CAAHEP accredited program.

Per the Board of Registered Polysomnographic Technologists (www.brpt.org), applicants must meet the following requirements:

Graduates are eligible for the Registered Polysomnographic Technologist (RPSGT) examination, upon completion of a CAAHEP accredited polysomnography education program.

To be eligible for the Certified Polysomnographic Technologist (CPSGT) examination, applicants can be students within 2 months of graduating from, or graduated of, a CAAHEP accredited polysomnography education program.

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NUCLEAR MEDICINE TECHNOLOGIST

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

School Code 083

USAF: Nuclear Medicine

USA: Clinical Nuclear Medicine Specialty

USN: Nuclear Medicine Technologist

Program Length:

USAF: 2063 hours

USA: 2088 hours

USN: 2088 hours

Iterations Per Year:

USAF: 2

USA: 2

USN: 2

Program Description:

A 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. The instructional design of this program's courses is group-lock step. This is a consolidated program with three military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Nuclear Medicine Technologists within medical treatment facilities. Students will learn the nuclear medicine mission and scope of practice. Students training will include: applied mathematics, chemistry, physics, radiation safety, radiopharmacy, radiation biology, diagnostic imaging procedures, radiation therapy, radiation instrumentation, patient care, and alternate imaging modalities. Students will also learn the responsibilities of an NMT that 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality assurance and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing diagnostic and therapeutic procedures in the care of nuclear medicine patients. Students apply the concepts and theories learned in the didactic portion under the supervision of staff nuclear medicine technologists and physicians. Clinical rotations provide students training and experience in: diagnostic imaging, radiopharmaceutical preparation and administration, therapeutic use of radionuclides, and radiation safety. Upon successful completion of the NMT program, nuclear medicine technologists can independently prepare and administer radiopharmaceuticals, image patients with a scintillation gamma camera, process studies using various computer enhancement techniques, assist physicians with radioactive therapies, and perform equipment quality control procedures. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Credentialing Information:

Graduates are eligible to take national credentialing examinations through the American Registry of Radiologic Technologists* (WWW.ARRT.ORG) and the Nuclear Medicine Technology Certification Board** (WWW.NMTCB.ORG) upon meeting degree requirements.

*Effective 01 JAN 2015, the ARRT will only accept applicants who have earned an associate's degree (or more advanced degree) from an accrediting agency recognized by the ARRT. The degree will not need to be in nuclear Medicine science, and it can be earned before entering the educational program or after graduation from the program.

**Effective 01 JAN 2016, the NMTCB will only accept entry-level applications from graduates of a programmatically accredited nuclear medicine technology program. The NMTCB has granted METC's Nuclear Medicine program a waiver to challenge the NMTCB registry.



RADIOLOGIC TECHNOLOGIST

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Diagnostic Imaging Apprentice

USA: Radiology Specialist

USN/USCG: Advanced Radiographer

Program Length:

USAF: 2064 hours

USA: 1870 hours

USN: 2040 hours

Iterations Per Year:

USAF: 12

USA: 12

USN: 12

Program Description:

The Radiologic Technologist program prepares students to function as entry-level radiographers in fixed and deployable medical facilities. Radiologic technologists are allied healthcare professionals who perform radiographic procedures and related patient care duties to help diagnose various medical ailments. The instructional design of this program's courses is group-lock step. This is a consolidated program with three military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level radiologic technologists within fixed and deployable medical facilities. Students will learn the radiographic mission and scope of practice. Training includes the study of: radiation physics, anatomy and physiology, theory and practice of fixed and mobile radiologic equipment, chemical and digital processing, and routine and special radiographic positioning. Concepts and principles of computed tomography, mammography, nuclear medicine, radiation therapy, magnetic resonance imaging, and sonography are introduced. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program. Prior to transitioning to a clinical environment, students will gain instruction and practice in medical ethics, patient care, and a comprehensive pre-clinical review.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The program prepares the student to exercise judgment and accept responsibility in performing diagnostic procedures in a clinical setting. Students train in the diagnostic imaging areas to include but not limited to: the theory of basic electricity, atomic theory, production of X-rays, radiographic technique, radiographic film and chemical processing, radiographically oriented anatomy and physiology, routine and special radiographic positioning, theory and practice of special radiographic techniques, and introduction to special radiographic procedures. Additionally, students train 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 as available. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

DEPARTMENT OF DIAGNOSTIC SERVICES

TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS

Accreditation Information:

The Radiologic Technologist program is accredited by the Joint Review Committee on Education in Radiologic Technology (WWW.JRCERT.ORG).

Joint Review Committee on Education in Radiologic Technology
20 N. Wacker Drive, Suite 2850
Chicago, IL 60606-3182
(312) 704-5300

Credentialing Information:

Graduates are eligible to take national credentialing examinations through the American Registry of Radiologic Technologists* (WWW.ARRT.ORG) upon meeting degree requirements.

American Registry of Radiologic Technologists
1255 Northland Drive
St. Paul MN 55120-1155

*Effective 01 JAN 2015, the ARRT will only accept applicants who have earned an associate's degree (or more advanced degree) from an accrediting agency recognized by the ARRT. The degree will not need to be in radiologic science, and it can be earned before entering the educational program or after graduation from the program.

DEPARTMENT OF HEALTHCARE SUPPORT SERVICES

TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS



ADVANCED FIELD MEDICAL SUPPORT SYSTEMS

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Advanced Field Medical Support Systems

USA: Advanced Field Medical Support Systems

USN: Advanced Field Medical Support Systems

Program Length:

USAF: 80 hours

USA: 80 hours

USN: 80 hours

Iterations Per Year:

USAF: 4

USA: 4

USN: 4

Program Description:

The Advanced Field Medical Support Systems program provides formal refresher training for Biomedical Equipment Maintenance Technicians on equipment not normally operated at a peacetime facility. This program is a consolidated program with three military services that is designed to provide training for personnel filling deployment positions and for Readiness Skill Verification training. Topics include: medical maintenance and contingency operations, power production and distribution systems, oxygen generation and support systems, diagnostic support systems, therapeutic equipment, field communications, sterilizer and water recovery system, and deployable dental systems. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.



ADVANCED STERILIZATION SYSTEMS

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Advanced Sterilization Systems

USA: Advanced Sterilization Systems

USN: Advanced Sterilization Systems

Program Length:

USAF: 32 hours

USA: 32 hours

USN: 32 hours

Iterations Per Year:

USAF: 4

USA: 4

USN: 4

Program Description:

The Advanced Sterilization Systems/Maintenance program is designed to provide formal advanced training of sterilization systems at METC. This program is a consolidated program with three military services that is designed to provide training in the study of: sterilization theory of operation, clinical applications, related physiology, preventive maintenance, calibration, circuit analysis, troubleshooting, and safe operating procedures. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Credentialing Information:

This program has been reviewed by the manufacturer of the equipment utilized in training and is considered equivalent to manufacturer certified training and a certificate is awarded.

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BIOMEDICAL EQUIPMENT MAINTENANCE MANAGEMENT

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Medical Maintenance Management

USA: Biomedical Equipment Maintenance Management

USN: Biomedical Equipment Maintenance Management

Program Length:

USAF: 32 hours

USA: 32 hours

USN: 32 hours

Iterations Per Year:

USAF: 4

USA: 4

USN: 4

Program Description:

The Biomedical Equipment Maintenance Management program is designed to provide formal advanced training at METC. This program is a consolidated program with three military services that is designed to prepare service members to: identify general principles and regulatory guidance regarding biomedical equipment maintenance management operations, and produce and analyze automated management products related to biomedical equipment maintenance management in medical treatment facilities (MTF). Students will gain knowledge of regulatory guidance regarding medical maintenance management operations, knowledge and skills to produce and analyze automated management products, the ability to comprehend, relate, and evaluate information relevant to the role of the Biomedical Equipment Technician. Students will also learn DMLSS operations and automated products required for biomedical equipment maintenance management, technical proficiency in skills required to fulfill the role of an advanced-level Biomedical Equipment Technician, and social behaviors consistent with professional expectations required to perform as subject-matter experts. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.



BIOMEDICAL EQUIPMENT TECHNICIAN

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Biomedical Equipment Technician

USA: Biomedical Equipment Specialist

USN: Biomedical Equipment Technician

Program Length:

USAF: 1656 hours

USA: 1704 hours

USN: 2160 hours

Iterations Per Year:

USAF: 11

USA: 22

USN: 11

Program Description:

The Biomedical Equipment Technician (BMET) program provides formal training at METC. This is a consolidated program with three military services that is designed to prepare students for the knowledge and skills necessary to perform biomedical equipment repair duties at fixed and deployable medical/dental treatment facilities. Training will focus on: introduction to electronics, troubleshooting principles, introduction to medical equipment, physiological monitoring equipment, medical support equipment, dental and sterilization equipment, surgical equipment, diagnostic imaging systems, information technology, and deployable field equipment. Students will become familiar with equipment operational theory, clinical applications, routine inspection, maintenance, modification and repair of a wide variety of biomedical equipment systems used within medical treatment facilities (MTF). The instructional design of this program's courses is group-lock step. Methods of instruction include,

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but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises on a variety of biomedical equipment. Quality control and safety techniques are emphasized throughout the program.

Special Information:

Navy students attend five (5) additional courses contained within five (5) independent METC programs to obtain the 8410 Navy Enlisted Classification (NEC) as part of the Biomedical Equipment Maintenance Technician Training program (B-326-1000). Program descriptions, task correlations, instructional methods and reference/equipment lists are disclosed in the respective curriculum documentation:

Computer Based Medical Systems (CBMS) program – CBMS 101
Mammography Imaging Systems (MIS) program – MIS 101
Radiographic/Fluoroscopic Imaging Systems (RFIS) program – RFIS 101
Telemedicine (TELE) program – TELE 101
Ultrasound Imaging Systems (UIS) program – UIS 101



COMPUTED TOMOGRAPHY SYSTEMS

School Code 083

USAF: Computed Tomography Systems

USA: Computed Tomography Systems

USN: Computed Tomography Systems

Program Length:

USAF: 80 hours

USA: 80 hours

USN: 80 hours

Program Description:

Iterations Per Year:

USAF: 4

USA: 4

USN: 4

The Computed Tomography Systems (CT) program provides formal advanced training at METC. This is a consolidated program with three military services that is designed to provide training on: CT clinical applications, theory of operation, circuit analysis, preventive maintenance, system calibration and verification, troubleshooting, and safe operating procedures of computed tomography systems in fixed and deployable medical treatment facilities. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises on CT systems. Quality control and safety techniques are emphasized throughout the program.

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COMPUTER BASED MEDICAL SYSTEMS

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[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Computer Based Medical Systems

USA: Computer Based Medical Systems

USN: Biomedical Equipment Technician

Program Length:

USAF: 160 hours

USA: 160 hours

USN: 160 hours

Iterations Per Year:

USAF: 9

USA: 9

USN: 9

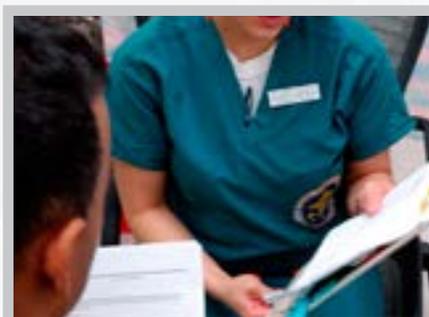
Program Description:

The Computer Based Medical Systems (CBMS) program provides formal advanced training at METC. This is a consolidated program with three military services that is designed to provide training on: server and personal computer hardware, software, medical network configuration and administration, computer system repair, video system theory and calibration, circuit analysis, troubleshooting, and safe operating procedures. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises on computer based medical systems. Quality control and safety techniques are emphasized throughout the program.

Special Information:

Navy personnel attend this program as part of their initial Biomedical Equipment Technician training.

For Army and Air Force, this program is separate from the METC Biomedical Equipment Technician Program (MOS: 68A10 and AFSC: 4A231). For Navy service members to obtain the 8410 Navy Enlisted Classification (NEC), this program functions as a required course within the Biomedical Equipment Technician training program (B-326-1000). Navy students must successfully complete this program to successfully pass the B-326-1000 program.



HEALTHCARE ADMINISTRATION SPECIALIST

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Health Services Management Technician

USA: Patient Administration Specialist

USN: N/A

Program Length:

USAF: 288 hours

USA: 293 hours

Iterations Per Year:

USAF: 10

USA: 10

Program Description:

The Healthcare Administration Specialist program provides formal training at METC. This program is a consolidated program with two military services that will prepare students with the knowledge and skills necessary to perform allied healthcare patient administration duties at fixed and deployable medical treatment facilities (MTF). Training will focus on: healthcare entitlements and benefits, admission and disposition procedures, medical records, automated healthcare information systems, medical terminology, anatomy and physiology, Line of Duty determinations, and Physical Disability Evaluation System (PDES). Additional training is provided to safeguard patient privacy, ensure security of personal medical information IAW the Health Insurance Portability & Accountability Act (HIPAA), and the management and monitoring of global patient movement utilizing the US Transportation Command (TRANSCOM) Regulating and Command & Control Evacuation System (TRAC2ES). The

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instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.



MAMMOGRAPHY IMAGING SYSTEMS

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Mammography Imaging Systems

USA: Mammography Imaging Systems

USN: Biomedical Equipment Technician

Program Length:

USAF: 64 hours

USA: 64 hours

USN: 64 hours

Iterations Per Year:

USAF: 19

USA: 19

USN: 19

Program Description:

The Mammography Imaging Systems program provides formal advanced training at METC. This program is a consolidated program with three military services that is designed to provide training on: theory of operation, clinical applications, related physiology, preventive maintenance, circuit analysis, troubleshooting, calibration, and safe operating procedures. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises on mammography imaging systems. Quality control and safety techniques are emphasized throughout the program.

Special Information:

Navy personnel attend this program as part of their initial Biomedical Equipment Technician training.

For Army and Air Force, this program is separate from the METC Biomedical Equipment Technician program (MOS: 68A10 and AFSC: 4A231). For Navy service members to obtain the 8410 Navy Enlisted Classification (NEC), this program functions as a required course within the Biomedical Equipment Technician training program (B-326-1000). Navy students must successfully complete this program to successfully pass the B-326-1000 program.

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MEDICAL LOGISTICS SPECIALIST

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USAF: 200 hours
USA: 240 hours

Iterations Per Year:
USAF: 12
USA: 102

Program Description:

The Medical Logistics Specialist Program provides formal training at METC. This is a consolidated program with two military services. Medical Logistics Specialists are allied health professionals focused on procurement, distribution and life cycle management of all necessary supplies and equipment to sustain fixed and contingency medical treatment facilities (MTF) and other medical activities. Instruction is presented in these major areas: fundamentals of medical logistics, supply chain management, storage and distribution, medical materiel quality control, medical assemblage management and war reserve materiel, inventory, and property management. The Medical Logistics Specialist program prepares service members to function as entry-level Medical Logistics Specialists and Medical Materiel Apprentices in fixed and deployable medical facilities. 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. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.



MEDICAL LOGISTICS BASIC MANAGEMENT SKILLS

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USAF: 128 hours

Iterations Per Year:
USAF: 4

Program Description:

The Medical Material Basic Management Skills program is designed to prepare enlisted personnel for the increased level of responsibility as the Non-Commissioned Officer in Charge (NCOIC) or Superintendent of a Medical Logistics account. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, and practical exercises for Medical Material Supervisors. Topics covered include Defense Medical Logistics Standard Support (DMLSS) operations, system administration, inventory management, medical equipment management, contingency asset management, management reports, financial management, and manpower. Emphasis is placed on utilizing the Defense Medical Logistics Standard Support (DMLSS) computer system as a management tool.

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RADIOGRAPHIC ACCEPTANCE PROCEDURES

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Radiographic Acceptance Procedures

USA: Radiographic Acceptance Procedures

USN: Radiographic Acceptance Procedures

Program Length:

USAF: 96 hours

USA: 96 hours

USN: 96 hours

Iterations Per Year:

USAF: 4

USA: 4

USN: 4

Program Description:

The Radiographic Acceptance Procedures program is designed to provide formal advanced training at METC. The instructional design of this program's courses is group-lock step. This program is a consolidated program with three military services that is designed to provide training of instruction on DoD Radiographic X-Ray Acceptance Inspection procedures and post-calibration inspection procedures. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises for Biomedical Equipment Technicians. Quality control and safety techniques are emphasized throughout the program.



RADIOGRAPHIC/FLUOROSCOPIC IMAGING SYSTEMS

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Radiographic/Fluoroscopic Imaging Systems

USA: Radiographic/Fluoroscopic Imaging Systems

USN: Biomedical Equipment Technician

Program Length:

USAF: 120 hours

USA: 120 hours

USN: 120 hours

Iterations Per Year:

USAF: 9

USA: 9

USN: 9

Program Description:

The Radiographic/Fluoroscopic Imaging Systems program is designed to provide formal advanced training at METC. The instructional design of this program's courses is group-lock step. This program is a consolidated program with three military services that is designed to provide training on: theory of operation, clinical applications, related physiology, circuit analysis, troubleshooting, calibration, and safe operating procedures. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises on fixed radiographic and fluoroscopic imaging systems. Quality control and safety techniques are emphasized throughout the program.

Special Information:

Navy personnel attend this program as part of their initial Biomedical Equipment Technician training.

Army and Air Force, this program is separate from the METC Biomedical Equipment Technician program (MOS: 68A10 and AFSC: 4A231). For Navy service members to obtain the 8410 Navy Enlisted Classification (NEC), this program functions as a required Course within the Biomedical Equipment Technician Training program (B-326-1000). Navy students must successfully complete this program to successfully pass the B-326-1000 program.

DEPARTMENT OF HEALTHCARE SUPPORT SERVICES

TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS



TELEMEDICINE SYSTEMS

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083
USAF: Telemedicine
USA: Telemedicine
USN: Biomedical Equipment Technician

Program Length:
USAF: 120 hours
USA: 120 hours
USN: 120 hours

Iterations Per Year:
USAF: 10
USA: 10
USN: 10

Program Description:

The Telemedicine Systems program is designed to provide formal advanced training at METC. The instructional design of this program's courses is group-lock step. This program is a consolidated program with three military services that is designed to provide training on: computed radiography, radiographic film digitization, high density digital-image and patient demographic storage, digital image networking and display, and digital data and computer communications. Students will become familiar with advanced telemetric electronics, theory of operation, system applications, installation, quality assurance, preventive maintenance, calibration, and troubleshooting. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises on telemedicine technology. Quality control and safety techniques are emphasized throughout the program.

Special Information:

Navy personnel attend this program as part of their initial Biomedical Equipment Technician training. Army and Air Force, this program is separate from the METC Biomedical Equipment Technician program (MOS: 68A10 and AFSC: 4A231). For Navy service members to obtain the 8410 Navy Enlisted Classification (NEC), this program functions as a required course within the Biomedical Equipment Technician Training program (B-326-1000). Navy students must successfully complete this program to pass the B-326-1000 program.



ULTRASOUND IMAGING SYSTEMS

ATRRS
Army Training Requirements And Resources System

[SEARCH INSTRUCTIONS](#)

School Code 083
USAF: Ultrasound Imaging Systems
USA: Ultrasound Imaging Systems
USN: Biomedical Equipment Technician

Program Length:
USAF: 56 hours
USA: 56 hours
USN: 56 hours

Iterations Per Year:
USAF: 19
USA: 19
USN: 19

Program Description:

The Ultrasound Imaging Systems program provides formal advanced training at METC. The instructional design of this program's courses is group-lock step. This program is a consolidated program with three military services that is designed to provide training on: equipment theory of operation, clinical applications, related physiology, circuit analysis, troubleshooting, calibration, and safe operational procedures. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises on ultrasound technology. Quality control and safety techniques are emphasized throughout the program.

DEPARTMENT OF HEALTHCARE SUPPORT SERVICES

TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS

Special Information:

Navy personnel attend this program as part of their initial Biomedical Equipment Technician training. Army and Air Force, this program is separate from the METC Biomedical Equipment Technician program (MOS: 68A10 and AFSC: 4A231). For Navy service members to obtain the 8410 Navy Enlisted Classification (NEC), this program functions as a required Course within the Biomedical Equipment Technician Training program (B-326-1000). Navy students must successfully complete this program to successfully pass the B-326-1000 program.

DEPARTMENT OF NURSING & SPECIALTY MEDICAL TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS



CARDIOPULMONARY TECHNICIAN

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

School Code 083

USAF: Cardiopulmonary Laboratory Apprentice

USA: N/A

USN: N/A

Program Length:

USAF: 1875 hours

Iterations Per Year:

USAF: 7

Program Description:

Cardiopulmonary Technicians are allied healthcare professionals who use equipment to help physicians diagnose and treat diseases and illnesses related to the heart and lungs. The Cardiopulmonary Technician program is an introduction to the delivery of respiratory care and cardiovascular technology. This 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. The instructional design of this program's courses is group-lock step. This is a single military service program that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Cardiopulmonary Technicians within fixed and deployable medical facilities. Students will learn the cardiopulmonary mission and scope of practice, respiratory therapy procedures and scope of practice, and Cardiopulmonary Disease Processes. Students are introduced to duties and responsibilities of the cardiopulmonary technician and will be instructed in, but not limited to: fundamentals of respiratory patient care, 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The training provides the opportunity for the student to assist the cardiologist and pulmonary physician in examinations, evaluation, diagnosing, and management of cardiovascular and pulmonary dysfunction by performing a broad spectrum of diagnostic procedures and respiratory therapy such as administration of electrocardiogram, echocardiogram, Holter monitoring, cardiovascular stress tests, pulmonary function studies, flow/volume loops, airway resistance, and blood gas analysis. Students will also assist in the performance of bronchoscopy max O2 studies, management of mechanical ventilator patients, respiratory therapy, airway management, and operation and maintenance of diagnostic equipment.

Accreditation Agency:

The Cardiopulmonary Technician program is accredited by the Commission on Accreditation for Respiratory Care ([WWW.COARC.COM](http://www.coarc.com)).

Commission on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, TX 76021-4244
(817) 283-2835

DEPARTMENT OF NURSING & SPECIALTY MEDICAL TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS

Credentialing Information:

Students of the Cardiopulmonary Technician program are eligible for multiple credentials prior to, or upon program completion through, the National Board for Respiratory Care (www.nbrc.org).

Graduates are eligible to take the Certified Respiratory Therapy (CRT), the Registered Respiratory Therapist (RRT), and the Certified Pulmonary Function Technologist (CPFT) credentialing examinations through the National Board for Respiratory Care (www.nbrc.org) upon meeting the degree requirements. The RRT credentialing examination must be completed within 3 years of graduation from an accredited Respiratory Therapy program.

Graduates are also eligible to take the Registered Cardiovascular Invasive Specialist (RCIS) and the Registered Cardiac Sonographer (RCS) credential examinations through Cardiovascular Credentialing International (www.cci-online.org) upon meeting degree and case study requirements. Current Students are eligible to take the Certified Cardiographic Technician (CCT) after completing the Cardiovascular Diagnostic block of instruction during clinical training.



CARDIOVASCULAR TECHNICIAN

School Code 083

USAF: N/A

USA: Cardiovascular Specialist

USN: Cardiovascular Technician

Program Length:

USA: 2250 hours

USN: 2155 hours

Iterations Per Year:

USA: 2

USN: 2

ATRRS
Army Training Requirements And Resources System

SEARCH INSTRUCTIONS

Program 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 instructional design of this program's courses is group-lock step. This is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Cardiovascular Technicians within fixed and deployable medical facilities. The Cardiovascular Technician program provides 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program. Students will receive further instruction and practice in medical ethics, patient care, and a pre-clinical comprehensive that prepares students to transition to a clinical setting

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. This training will prepare Cardiovascular Technician trainees to practice as entry-level Cardiovascular Specialists. Areas of study includes: instruction in invasive and non-invasive cardiovascular medicine, coronary anatomy, electrocardiography, stress testing, echocardiography, scrub techniques, circulation and radiology, hemodynamic monitoring, electrophysiology and critical care while utilizing Cardiology Services Department facilities at MTFs. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

DEPARTMENT OF NURSING & SPECIALTY MEDICAL TRAINING PROGRAMS | MEDICAL EDUCATION & TRAINING CAMPUS

Accreditation Information:

The Cardiovascular Technician program is accredited by the Commission on Accreditation of Allied Health Education Programs (WWW.CAAHEP.ORG).

The Cardiovascular Technician program complies with requirements and recommendations of the Commission on Accreditation of Allied Health Education Programs: Joint Review Committee on Education in Cardiovascular Technology (CAAHEP: JRC-CVT) (WWW.JRCCVT.ORG).

Commission on Accreditation of Allied Health Education Programs
1361 Park Street
Clearwater, FL 33756
(727) 210-2350

Joint Review Committee on Education in Cardiovascular Technology
1449 Hill Street
Whitinsville, MA 01588-1032
(978) 456-5594

Credentialing Information:

Graduates of the Cardiovascular Technician program are eligible to apply for the Registered Cardiovascular Specialist (RCIS) and Registered Cardiac Sonographer (RCS) credentials through Cardiovascular Credentialing International (WWW.CCI-ONLINE.ORG).



INDEPENDENT DUTY MEDICAL TECHNICIAN

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Independent Duty Medical Technician

USA: N/A

USN: N/A

Program Length:

USAF: 517 hours

Iterations Per Year:

USAF: 9

Program Description:

The Independent Duty Medical Technician (IDMT) program provides mandatory training for members of the Air Force AFSC 4N0X1 prior to assignment to remote or isolated duty stations; medical support of non-medical field units; or medical support to other government agencies and joint service missions as directed by DoD. The instructional design of this program's courses is group-lock step. The IDMT program is a single military service program that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military medical treatment facilities (MTF).

Upon entry to METC, students are provided formal education and training that develops them into qualified Independent Duty Medical Technicians within fixed and deployable medical facilities. Training includes: obtaining medical histories, examinations, assessments, treatments and documentation of patient care in the absence of a physician, as well as emergency medical, dental, and surgical procedures to stabilize patients until medical evacuation occurs. Further instruction in general knowledge and procedural skills for medical administration, monitoring medical aspects of special interest programs and health promotions, advanced medication administration and dispensary operation, and low complexity laboratory procedures. The program also

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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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in an acute care setting at an MTF. Under the purview of a licensed physician, students are given adult patients to provide a systemic review of signs, symptoms and treatments of medical conditions likely to be encountered in military populations. Students must be able to demonstrate proficiency in performing patient evaluation to include patient history, physical examination, appropriate diagnostic studies and written documentation with no instructor assists. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Credentialing Information:

Graduates are registered in the National Provider Index and assigned the AFSC 4N0X1C. Graduates meet all NREMT-B refresher/recertification training requirements, and earn national certification in Pre-hospital Trauma Life Support and Advance Cardiac Life Support.



OPHTHALMIC TECHNICIAN

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Ophthalmic Apprentice

USA: Optometry/Ophthalmology Specialist

USN: N/A

Program Length:

USAF: 424 hours

USA: 515 hours

Iterations Per Year:

USAF: 5

USA: 5

Program Description:

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 will prepare students to function as entry-level ophthalmic technicians in fixed and deployable medical facilities. This is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Ophthalmic Technicians/Eye Specialists within fixed and deployable medical facilities. Training includes 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 finally operating room protocol. Subjects covered during training include anatomy and physiology, medical ethics, ocular pathology, pharmacology, optics, refractive surgery, vision and specialty testing, and aseptic techniques. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of patient screening and specialty testing in a MTF optometry/ophthalmology clinic. The clinical phase provides experiential training that is designed

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to the advanced clinical application standards of ophthalmic techniques established by each service component and national accrediting body. Instruction is given in the form of traditional classes, demonstrations, computer labs, and practical exercises. Optometry and Ophthalmology rotations build upon pre-clinical training to cover the handling of medications, visual field testing, emergency care, surgical procedures and proper use of ophthalmic equipment. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.



ORTHOPEDIC SPECIALTY TECHNICIAN

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: Orthopedic Surgical Services Apprentice

USA: Orthopedic Specialty

USN: Orthopedic Technician

Program Length:

USAF: 243 hours

USA: 523 hours

USN: 523 hours

Iterations Per Year:

USAF: 5

USA: 5

USN: 5

Program Description:

The Orthopedic Specialty Technician program prepares service members to function as entry-level orthopedic technicians in fixed and deployable medical facilities, with the ability to assist physicians and physician assistants in performing invasive and non-invasive orthopedic procedures. Students will have the ability to comprehend, apply, and evaluate information relevant to the role of the entry-level orthopedic technicians. The instructional design of this program's courses is group-lock step. This is a consolidated program with three military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Orthopedic Specialists/Technicians 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 Specialty 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. Methods of instruction include but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The clinical practicum provides experiential training that is designed to teach the advanced clinical application of orthopedic techniques in the clinical environment. Orthopedic procedures and techniques are rehearsed and practiced in a patient-hospital environment under direct instructor supervision. Students demonstrate both clinical orthopedic competencies on hospital-based patients and clinical applications of orthopedic technology in a hospital environment. Students participate in the normal day-to-day activities of an orthopedic service where they develop and refine their skills in the application of orthopedic casts, set up and application of traction devices, and the pre and post-operative care of the orthopedic patient. The student will be required to demonstrate clinical orthopedic competencies as part of this program. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.



OTOLARYNGOLOGY TECHNOLOGIST

SEARCH INSTRUCTIONS

School Code 083

USAF: Otolaryngology Surgical Services Apprentice

USA: Ear, Nose, and Throat Specialist

USN: N/A

Program Length:

USAF: 440 hours

USA: 576 hours

Iterations Per Year:

USAF: 2

USA: 3

Program Description:

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 instructional design of this program's courses is group-lock step. This is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Otolaryngology Technologists within fixed and deployable medical facilities. Students will perform procedures for invasive and non-invasive otolaryngology medicine and will demonstrate: the ability to comprehend, apply, and evaluate information relevant to the role of the entry-level otolaryngology technologist; technical proficiency in all skills required to fulfill the role of an entry-level otolaryngology technologist; hearing surveillance through micro-processor monitoring as well as a comprehensive battery of diagnostic clinical testing; health education briefings and protective fittings that target hearing loss prevention; and personal behaviors consistent with professional expectations for the entry-level otolaryngology technologist. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Simulated and live training is provided for 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.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The clinical practicum is designed to provide in-depth experience in the Otolaryngology Clinic performing clinical procedures learned in the pre-clinical training to include: ear and nasal exams, ear cleaning, assisting in sinus irrigation, nasal fracture, and control of epistaxis. The program includes a rotation in the Audiology Clinic performing air and bone conduction testing, speech discrimination, tympanometry and otoacoustic emission tests. A surgical rotation in the operating room focuses on performing functions of an Otolaryngology Surgical Technician. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.



RESPIRATORY THERAPIST

[SEARCH INSTRUCTIONS](#)

School Code 083

USAF: N/A

USA: Respiratory Specialist

USN: Respiratory Therapy Technician

Program Length:

USA: 1760 hours

USN: 1280 hours

Iterations Per Year:

USA: 3

USN: 3

Program Description:

Respiratory Specialists/Technicians are allied health professionals who have acquired the knowledge and skills to provide a wide range of high-technology and high-touch therapeutic interventions to patients in acute and chronic care settings. The Respiratory Therapy program is an advanced-level, associate degree granting program that prepares service members to function as entry-level respiratory technicians and specialists in fixed and deployable medical facilities. The instructional design of this program's courses is group-lock step. This is a consolidated program with two military services that has a two-phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Respiratory Specialists/Technicians within fixed and deployable medical facilities. Students will have the ability to comprehend, apply, and evaluate information relevant to the role of the entry-level respiratory technicians and specialists. This program provides students with lessons in the history of respiratory care, legal and ethical implications of the profession, application of physical laws and principles to respiratory therapy modalities, infection control practices in a health care environment and instruction on the use of medical gases, humidity, and aerosol therapy. Students will gain a detailed understanding of the basic and advanced factors in pharmacology for the respiratory therapy and applications to pulmonary diseases. Additionally, this program introduces the skills, equipment and techniques required to obtain and maintain a patent airway in critically ill patients as well as an overview of the bronchoscopic procedure. Basic pulmonary functional techniques and interpretation will be taught to include, but not limited to; arterial blood gas analysis and various techniques of monitoring critically ill patients, to include performing EKG's and recognizing basic cardiac rhythms. Students are introduced to artificial mechanical ventilation; classification of ventilators; indications, contraindications and side effects of mechanical ventilators as well as modes of ventilation. The program will introduce students to topics such as: development, diagnosis and treatment of congenital pulmonary and cardiovascular anomalies, neonatal and pediatric pulmonary diseases, assessment and resuscitation of neonates, and principles of monitoring and mechanical ventilation for the neonatal and pediatric patient. Further instruction will include continuity of care for chronic cardiopulmonary disease patients and physiologic concepts and therapeutic techniques utilized in rehabilitation, subacute and home settings. Advanced lessons will introduce advanced pulmonary function assessments of critically ill patients using advanced hemodynamic monitoring as well as more advanced techniques in the area of ventilation and oxygenation for adult patients along with alternate ventilation modes. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Simulated and live training is provided during all aspects of respiratory therapy coursework. Competencies are assessed through classroom, laboratory, and clinical performance evaluations in simulated and actual patient care situations. Graduates are expected to demonstrate competency in the cognitive, psychomotor, and affective learning domains in respiratory care practice as performed by registered respiratory care practitioners. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The clinical practicum is designed to provide clinical knowledge and in-depth experience in delivering all modes of respiratory therapy in various clinical settings, to include wards, intensive care units, pulmonary function laboratory, home-care settings, pulmonary rehabilitation, and sleep laboratory. Students will be introduced to the hospital environment, the function of

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the respiratory therapy department, and the role and responsibilities of the respiratory therapist, to include reviewing medical charts, confidentiality and safety concerns, and orientation to the facility and equipment. Students will also learn about the various hospital departments and situations in which they may be expected to perform the procedures applicable at this point in their education. The course includes close supervision of the performance of these procedures as well as essential clinical skills necessary to function as competent respiratory therapists in critical care areas and focuses on airway management, mechanical ventilation, monitoring, pulmonary function tests, obtain and analyze blood gasses, and apply quality control measures in a pulmonary function lab. Other areas of training include specific clinical skills necessary to function within neonatal and pediatric critical care areas. Lastly, skills necessary to administer respiratory care to patients in alternative settings will be taught that introduces the student to sleep studies, pulmonary rehabilitation, and smoking cessation education.

Special Note:

Army students arrive 12 weeks prior to the consolidated Army and Navy portion of training to complete specific college level courses that will contribute to the requirements of the Respiratory Therapy program and the degree granting requirements. Students must complete BIO 101 Introduction to Anatomy and Physiology, GMO 101 Medical Terminology, GMO 102 Health Communication, BIO 121 Introduction to Microbiology, BIO 131 Growth and Development, GMO 103 Basic Patient Assessment, GMO 104 Basic Life Support, and GMO 106 Equipment and Facility Familiarization.

Accreditation Statement:

The IRTP is accredited, by the Committee on Accreditation for Respiratory Care ([WWW.COARC.COM](http://www.coarc.com)), as an advanced-level respiratory care program.

Commission on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, TX 76021-4244
(817) 283-2835

Credentialing Information:

Students will take the national certification exam for credentialing as Certified Respiratory Therapists by the National Board for Respiratory Care ([WWW.NBRC.ORG](http://www.nbrc.org)) upon completion of the program

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SURGICAL TECHNOLOGIST

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USAF: 624 hours
USA: 768 hours
USN: 1057 hours

Iterations Per Year:
USAF: 15
USA: 4
USN: 15

Program Description:

Surgical Technologists are allied healthcare professionals that facilitate the safe and effective conduct of surgical procedures by assisting doctors during procedures. The instructional design of this program's courses is group-lock step. The Surgical Technologist program is a consolidated program with three military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Surgical Technologists within fixed and deployable medical facilities. Students will focus on 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a military and/or civilian MTF. Students will perform entry level surgical technology skills in both an operating room and clinic setting. The training will include, but is not be limited to: anatomy and physiology, vital signs, cardiopulmonary resuscitation, principles and methods of sterilization and disinfection, storage and handling of sterile supplies, identification and care of surgical instruments, specialized equipment, linen, and corrosion-resistant metal ware, preparation of suture and handling of sharps, 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 hemostatic agents. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.

Special Information:

Upon graduation of the didactic and clinical portions of training, students are eligible to challenge the Certified Surgical Technologist exam.

Accreditation Information:

The Surgical Technologist program is accredited by the Commission on Accreditation of Allied Health Education Programs: Accreditation Review Council on Education in Surgical Technology and Surgical Assisting ([WWW.ARCST.ORG](http://www.arcst.org)).

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Accreditation Review Council on Education in Surgical Technology and Surgical Assisting
6 W. Dry Creek Circle, Suite 110
Littleton, CO 80120
(303) 694-9262

Credentialing Information:

Graduates are eligible to take the Certified Surgical Technologist (CST) examination through the National Board of Surgical Technology and Surgical Assisting (WWW.NBSTSA.ORG).



UROLOGY TECHNICIAN

SEARCH INSTRUCTIONS

School Code 083

USAF: Urology Surgical Services Apprentice

USA: N/A

USN: Urology Technician

Program Length:

USAF: 616 hours

USN: 616 hours

Iterations Per Year:

USAF: 2

USN: 2

Program Description:

The Urology Technician program prepares graduates to function as entry-level Urological Technicians while performing duties to facilitate the safe and effective conduct of urological procedures. The instructional design of this program's courses is group-lock step. The Urological Technician program is a consolidated program with two military services that has a two phase, field of study schedule. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Upon initial entry to METC, students are provided formal education and training that develops them into entry-level Urological Technicians within fixed and deployable medical facilities. Student's studies will focus on the fundamental skills and knowledge of the following subjects to include, but are not limited to: genitourinary embryology, anatomy and physiology of the genitourinary system, genitourinary diseases and disorders, cancers of the genitourinary system, urological radiology, urological laboratory studies and procedures, and urological surgical and clinical procedures. This program prepares students to function as clinical and surgical assistants to an urologist, or a physician health care provider serving as an 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. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Clinical training provides students with clinical knowledge and hands-on experiential training which consists of clinical practicum in a MTF. The specific nature of this program is to train Urology Technician students in urology procedures including but not limited to: rotations within the urology department including the observation, assisting, and performing the following: minor procedures, minor diagnostic procedures, laboratory testing, and radiographic studies. Trainees will also be required to rotate to the main operating room to gain the necessary training by observing and assisting with urology surgical procedures. Proficiency advancement in clinical applications is determined by the program director and clinical advisor/coordinator on a case-by-case basis.



BEHAVIORAL HEALTH TECHNICIAN

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USAF: 538 hours
USA: 699 hours
USN: 598 hours

Iterations Per Year:
USAF: 12
USA: 12
USN: 6

Program Description:

Behavioral Health Technicians (BHT) 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 BHT program provides formal didactic training at METC and is a consolidated program with three military services. It is designed to provide training in the areas of: Human Growth and Development, Psychopathology, Psychiatric Behavioral Interventions, Interviewing Skills, Psychological Testing, Counseling, and Combat Operational Stress Control (COCS). The program combines didactic classroom instruction with closely supervised practical exercises. During the program of instruction, students are given an opportunity to gain hands-on experiential training within a clinical environment. The specific nature of this program is to train METC BHT students in the collection and recording of psychosocial and physical data from intake interviews and counseling sessions; assisting patients with activities of daily living; conducting group counseling sessions; the observation of medication side effects and behavioral changes; providing educational presentations to patients on coping skills, medication adherence, and suicide prevention. The program closes with a practicum in several area mental health facilities. Students will interact with real patients in inpatient and outpatient settings, gaining valuable hands-on experience prior to graduation. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.



PREVENTIVE MEDICINE SPECIALIST

[SEARCH INSTRUCTIONS](#)

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

Program Length:
USA: 640 hours
USN: 976 hours

Iterations Per Year:
USA: 6
USN: 4

Program Description:

The Preventive Medicine Specialist program prepares graduates to function independently in preventive medicine specialty areas. The program provides formal didactic and performance training at METC that is designed to develop students into entry-level Preventive Medicine Specialists/Technicians in fixed or deployable assets, in support of full spectrum military operations, as required. The Preventive Medicine Specialist program provides training in Communication, Food Service Sanitation, Aspects of Water, Deployment Environmental Surveillance Program, Operational Preventive Medicine, and Entomology. The Army

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specific portion focuses on Chemical Biological Radiological Nuclear Events (CBERNE) and Industrial Hygiene. The Navy portion teaches Microbiology, Biostatistics, Epidemiology and Communicable Disease Control, Parasitology, Immunization Programs and Vaccines, Occupational Safety and Health, Environmental Sanitation, and Shipboard Preventive Medicine. The instructional design of this program's courses is group-lock step. Methods of instruction include, but are not limited to: lecture, demonstration, online materials, simulations, laboratory practice, and practical exercises. Quality control and safety techniques are emphasized throughout the program.

Credentialing Information:

Graduates of the Preventive Medicine Specialist program are certified with the following credentials: ServSafe through the National Restaurant Association (WWW.SERVSAFE.COM), the DoD Pesticide Application through the Armed Forces Pest Management Board (WWW.AFPMB.ORG), Basic Industrial Hygiene through AMEDDC&S, and Shipboard Sanitation through Navy Medicine (Navy specific).

METC ACADEMIC HONOR CODE

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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

GLOSSARY

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ACRONYM	TERM
ABRET	American Board of Registration Of Electroencephalographic and Evoked Potential Technologists
ACOTE	Accreditation Council for Occupational Therapy Education
ADV	Advanced
AFI	Air Force Instruction
AFMAN	Air Force Manual
AFSC	Air Force Specialty Code
AHA	American Heart Association
AMEDD C&S	Army Medical Department Center & School
ANA	American Nurses Association
AOB	Academic Oversight Board
AORN	Association of Operating Room Nurses
AOA	American Occupational Therapy Association
ARC/STSA	Accreditation Review Council on Education in Surgical Technology and Surgical Assisting
ARRT	American Registry of Radiologic Technologists
ASC	American Society of Cytopathology
ASCP	American Society of Clinical Pathology
ASHP	American Society of Health-System Pharmacists
ATRRS	Army Training Requirements and Resources System
BHT	Behavioral Health Technician
BLS	Basic Life Support
BMET	Biomedical Equipment Technician
BMTCP	Basic Medical Technician Corpsman Program
BRPT	Board of Registered Polysomnographic Technologists
BSC	Biomedical Sciences Corps
CAAHEP	Commission on Accreditation of Allied Health Education Programs
CAD	Computer Aided Design
CAM	Computer Aided Modeling
CAPTE	Commission on Accreditation in Physical Therapy Education
CBRN	Chemical, Biological, Radiological, Nuclear
CCAF	Community College of the Air Force
CCI	Cardiovascular Credentialing International
CDA	Certified Dental Assistant
CFETP	Career Field Education and Training Plan
CLA	Cardiopulmonary Laboratory Apprenticeship
CLIP	Clinical Laboratory Improvement Program

GLOSSARY

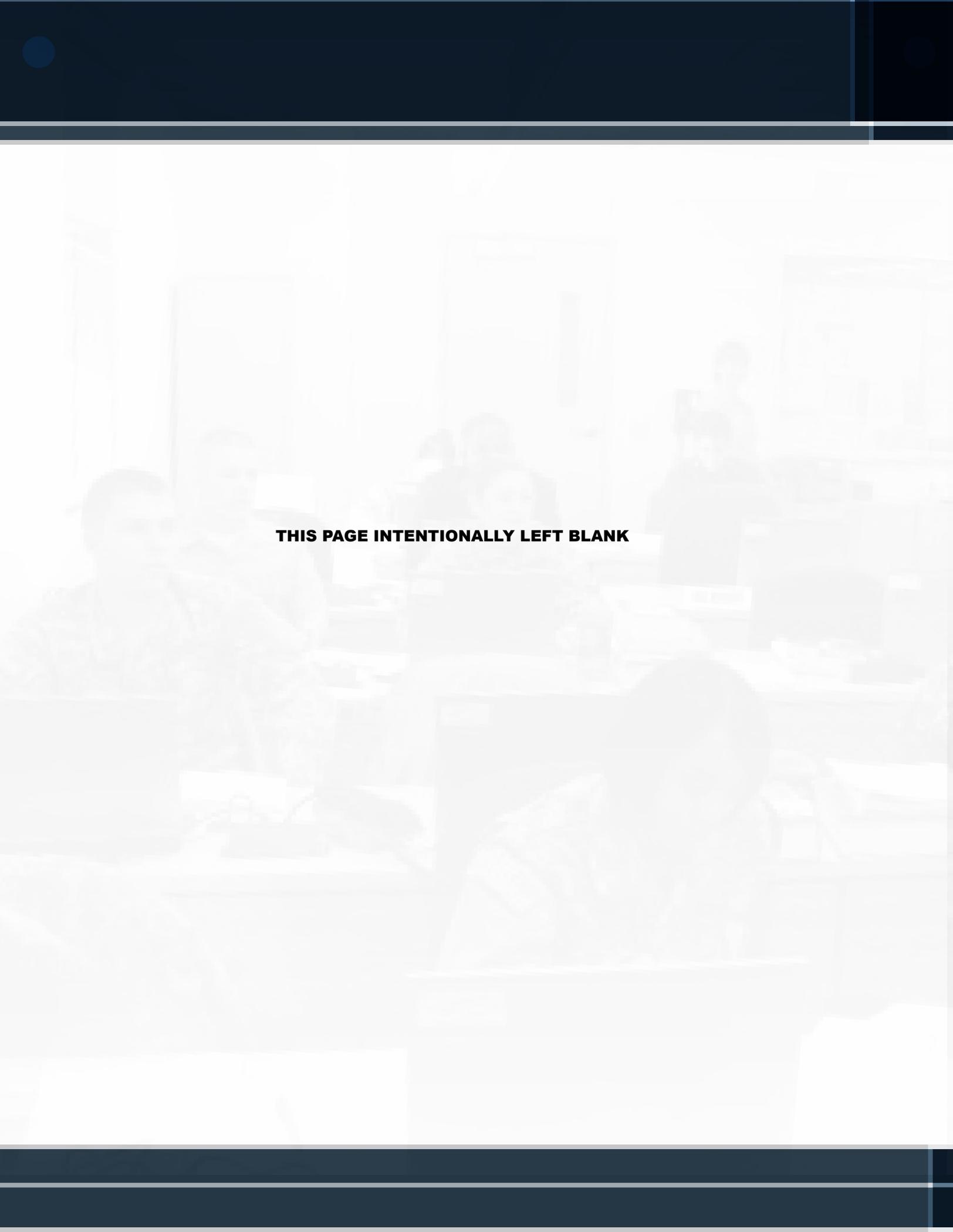
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ACRONYM	TERM
CoARC	Commission on Accreditation for Respiratory Care
CODA	Commission on Dental Accreditation
COSC	Combat Operational Stress Control
CPFT	Certified Pulmonary Function Technologist
CPhT	Certified Pharmacy Technician
CPL	Corporal
CPSGT	Certified Polysomnographic Technologist
CRT	Certified Respiratory Therapy
CST	Certified Surgical Technologist
DANB	Dental Assisting National Board
DBSS	Defense Blood Standard Systems
DHA	Defense Health Agency
DMLSS	Defense Medical Logistics Standard Support
DoD	Department of Defense
EAS	Expense Assignment System
ECG	Electrocardiogram
EEG	Electroencephalography
EKG	Electrocardiography
EMT	Emergency Medical Technician
ENT	Ears, Nose, Throat (Otolaryngology)
EP	Evoked Potentials
GPA	Grade Point Average
HAWC	Health and Wellness Center
HIPAA	Health Insurance Portability & Accountability Act
HRD	Human Resource Department
HT	Histotechnician
IA	Information Assurance
ICE	Infection Control Examination
IDMT	Independent Duty Medical Technician
IET	Initial Entry Training
ITRO	Interservice Training Review Organization
JBSA	Joint Base San Antonio
JRC-ECT	Joint Review Committee on Education in Cardiovascular Technology
LPN	Licensed Practical Nurse
MEPRS	Medical Expense and Performance Reporting System

GLOSSARY

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ACRONYM	TERM
METC	Medical Education & Training Campus
MOS	Military Occupational Code
MTF	Medical Treatment Facility
NAACLS	National Accrediting Agency for Clinical Laboratory Sciences
NBRC	National Board for Respiratory Care
NBSTSA	National Board of Surgical Technology and Surgical Assisting
NCO	Non-Commissioned Officer
NCOIC	Non-Commissioned Officer in Charge
NCS	Nerve Conduction Studies
NEC	Navy Enlisted Classification
NETE	Navy Enlisted Training Element Detachment
NMPDC	Navy Medicine Professional Development Center
NMT	Nuclear Medicine Technologist
NMTCB	Nuclear Medicine Technology Certification Board
NMTSC	Navy Medicine Training Support Center
NNMC	National Navy Medical Center
OJT	On the job training
OTA	Occupational Therapy Assistant
PDES	Physical Disability Evaluation System
PSG	Polysomnography
PTA	Physical Therapy Assessment
PTCE	Pharmacy Technician Certification Exam
RCIS	Registered Cardiovascular Invasive Specialist
RCS	Registered Cardiac Sonographer
RHS	Radiation Health & Safety
RPD	Removable Prosthodontics
RPSGT	Registered Polysomnographic Technologist
RRT	Registered Respiratory Therapy
SAMMC	San Antonio Military Medical Center
SEAP	Student Evaluation and Administrative Plan
TRANSCOM	Transportation Command Regulating and Command & Control Evacuation System
USA	United States Army
USAF	United States Air Force
USAR	United States Army Reserve
USN	United States Navy
WRAMC	Walter Reed Army Medical Center

A faded, grayscale photograph of a classroom. In the foreground, a student with dark hair is seen from behind, sitting at a desk. In the middle ground, several other students are seated at desks, some looking towards the camera. In the background, a teacher is standing at the front of the room, near a whiteboard. The text "THIS PAGE INTENTIONALLY LEFT BLANK" is centered over the image.

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E HALL

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