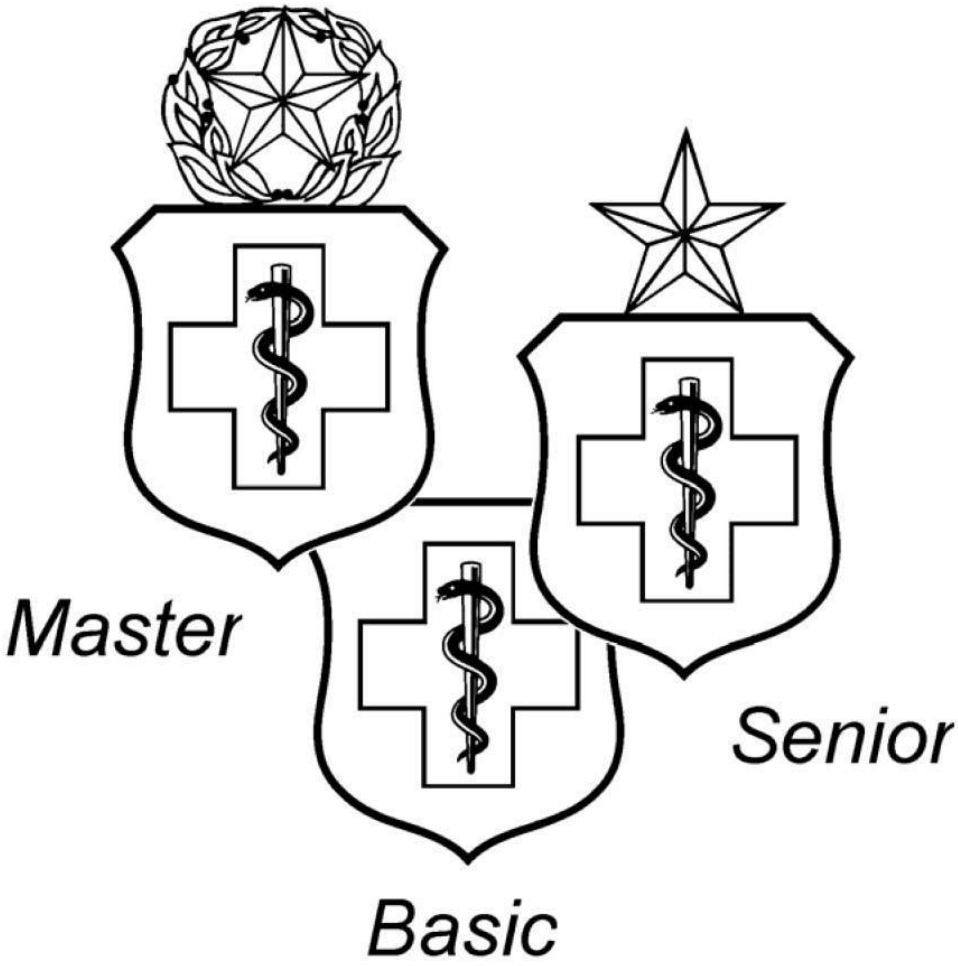
DEPARTMENT OF THE AIR FORCE
Headquarters US Air Force
Washington, DC 20330-1030

CFETP 4N0X1
Parts I and II
24 JULY 2020

AFSCs 4N0X1X
AEROSPACE MEDICAL SERVICE



CAREER FIELD
EDUCATION AND TRAINING PLAN

ACCESSIBILITY: Publications and forms are available on the e-publishing website at www.e-publishing.af.mil for downloading or ordering.
RELEASABILITY: There are no releasability restrictions on this publication.

SUMMARY OF CHANGES. As a result of the 12-16 March 2018 Utilization and Training Workshop (U&TW) the Specialty Training Standards (STSs) contained in this Career Field Education and Training Plan (CFETP) have significant changes in Core Tasks, proficiency codes, and STS line item numbers.

CAREER FIELD EDUCATION AND TRAINING PLAN
AEROSPACE MEDICAL SERVICE AFSC 4N0X1X

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STS 4N0X1 (Pre-publication) V5

OPR: HAF/SG1E

Certified by: CMSgt Taliah Wilkerson (AFMRA/SG1E)

Supersedes: CFETP 4N0X1, 25 June 2014

Pages: 88

CAREER FIELD EDUCATION AND TRAINING PLAN
AEROSPACE MEDICAL SERVICE AFSC 4N0X1X

PART I

PREFACE

1. The ever-changing Air and Space Expeditionary Force (AEF) environment requires vision, preparation, and attention to ensure people have the right skills and tools to deliver the capabilities and the support required by the war fighter in meeting the Air Force mission of today and vision of the future. Declining resources, expanding mission diversity, and new technologies in the Air Force are impacting the readiness of our most valuable resource—people. These factors will continue to exist in the future, making it essential for the workforce to be effectively and efficiently trained to perform duties within each skill level of an Air Force Specialty (AFS). To meet the challenges of tomorrow, the Air Force must place a greater emphasis on career field training today.

2. The 4N0 Career Field Education and Training Plan (CFETP) is a comprehensive core training document that identifies the legal scope of practice within the Air Force Medical Service, life-cycle education and training requirements, training support resources, and core task requirements for this specialty. The CFETP will provide personnel a defined career path to success and instills rigor in all aspects of career field training. The clear expectation is that Aerospace Medical Service personnel be utilized to the full extent of their scope of practice and responsibility.

3. The CFETP consist of two parts that must be utilized; the supervisors plan as well as management and control of training within the specialty.

3.1. Part I provides information necessary for overall management of the specialties. Air Force Career Field Manager (AFCFM) directs that a copy of Part I be maintained in every work center.

2.1.1. Section A explains how everyone will use the plan.

2.1.2. Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path.

2.1.3. Section C associates each skill level with specialty qualifications (knowledge, education, experience, training).

2.1.4. Section D identifies resource constraints and impacts. Some examples are funds, manpower, equipment, facilities.

2.1.5. Section E identifies transition training guide requirements for Staff Sergeant (SSgt) through Master Sergeant (MSgt).

2.2. Part II contains six sections. At unit level, supervisors and trainers use Part II to identify, plan, and conduct training to commensurate with the overall goals of this plan.

2.2.1. Section A: contains the most current version of the STS which identifies the specialty training standard (STS) and includes duties, tasks, technical references to support training, Air Education and Training Command (AETC) courses, USAF School of Aerospace Medicine (USAFSAM) courses, tasks identified as having a QTP, core tasks, and correspondence course requirements.

2.2.2. Section B: contains the course objective list (COL) and training standards, which supervisors will use to determine if Airmen have satisfied training requirements.

2.2.3. Section C: identifies available OJT support materials such as, AF Qualification Training Packages

(QTPs), which are developed to support proficiency training.

2.2.4. Section D: contains the training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses.

2.2.5. Section E: identifies Major commands (MAJCOM) -unique training requirements that supervisors can use to determine additional training required for the associated qualification needs.

2.2.6. Section F: is specific to medical AFSCs providing guidance on required documentation in the Electronic Training Record (ETR). It describes the master training plan (MTP) and training documentation.

3. Use of the guidance provided in this CFETP, will ensure individuals in this specialty receive effective and efficient training at the appropriate points in their career. This plan will enable us to train today's work force for tomorrow's jobs.

To read, review, or print a copy of the current CFETP, go to http://www.e-publishing.af.mil.

ABBREVIATIONS/FORMS/TERMS EXPLAINED

FORMS

AF Form 623, Individual Training Record Folder

AF Form 623a, On-The-Job Training Record-Continuation Sheet

AF Form 797, Job Qualification Standard Continuation/Command JQS

AF Form 803, Report of Task Evaluations

AF Form 1098, Special Task Certification and Recurring Training

AF Form 1256, Certificate of Training

AF Form 2096, Classification On-The-Job Training Action

Advanced Training (AT). Formal course providing individuals who are qualified in one or more positions of their Air Force specialty (AFS) with additional skills and knowledge to enhance their expertise in the career field; training is for selected career Airmen at the advanced level of the AFS.

Aeromedical Evacuation (AE). Regulated patient movement on fixed wing aircraft.

Air Force Career Field Manager (AFCFM). The Air Force focal point for the designated career field within a functional community. Serves as the primary advocate for the career field, addressing issues and coordinating functional concerns across various staffs. Responsible for the career field policy and guidance.

Air Force Medical Modeling and Simulation Training (AFMMAST) Program. Entity designated as the Center for Excellence for Medical Modeling and Simulation (MM&S) and has oversight of all MM&S training throughout the Air Force Medical Service (AFMS).

AFMMAST Portal. MM&S community of practice source for the AFMS located at: https://intelshare.intelink.gov/sites/afmmast/SitePages/Home.aspx

Air Reserve Components (ARC). Term is used as an overarching term when referring to both the Air National Guard (ANG) and Air Force Reserve Command (AFRC) together.

Career Development Course (CDC). Nonresident, student instruction materials (self-study correspondence course) designed to provide Airmen with the fundamental knowledge of their AFS.

Career Field Education and Training Plan (CFETP). CFETP is a comprehensive core training document that identifies: life-cycle education and training requirements; training support resources, and minimum core task requirements for a specialty. The CFETP aims to give personnel a clear path and instill a sense of industry in career field training. It is the formal training contract between the AFCFM and AETC for formal accession and life-cycle skills training. ***NOTE:** The 4N0X1X CFETP establishes the legal scope of practice/responsibility for Aerospace Medical Service Technicians.

Casualty Evacuation (CASEVAC). The movement of a casualty from the point of injury to medical treatment using a platform of opportunity.

Certification. A formal indication of an individual's ability to perform a task to required standards.

Core Task. Tasks the AFCFM identify as minimum qualification requirements for everyone within an AFSC.

Course Objective List (COL). A publication, derived from initial/advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve the initial

3-skill level and subsequent SEIs in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2651, *Air Force Training Program*.

Exportable Training. Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

Functional Manager (FM). Senior leaders, designated by the appropriate functional authority who provide day-to-

day management responsibility over specific functional communities at the MAJCOM, field operating agencies (FOA), direct reporting unit (DRU), or ARC level. While they should maintain an institutional focus in regards to resource development and distribution, FMs are responsible for ensuring their specialties are trained, equipped, developed, and sustained to meet the functional community's mission as well as encourage force development opportunities to meet future needs of the Department of the Air Force mission.

Go. In On-the-Job Training (OJT), the stage at which a trainee has gained skill, knowledge, and experience to perform the tasks without supervision. ("Go" level equates to 3c in the STS proficiency code key.)

Home Station Training. Includes all training required to perform in the current duty position to include duty position tasks, core tasks, READY program tasks, contingency tasks, and additional duty tasks.

Immunization Augmentee (IA). 4N0X1s trained to assist with mass military immunizations programs administering only one vaccine at a time. The IA will work under the supervision of an Allergy/Immunization (A/I) Technician or Immunization Back-up Technician.

Immunization Back-Up Technician (IBT). 4N0X1 personnel trained to administer immunizations in the Immunizations Clinic, and other outpatient clinics, in support of mobility processing lines as determined by Medical Treatment Facility (MTF) and the Master Training Plan. IBTs may serve as NCOIC of Immunizations Clinics. IBTs **are not** qualified nor will they administer allergy and related immunotherapy treatments. **NOTE:** All IBTs will train to the knowledge level on anthrax and smallpox. Those appointed in writing will receive administration training and will be authorized to administer these vaccinations. Appropriate documentation will be made on electronic AF Form 623a.

Initial Skills Training. A formal school course that results in an AFSC 3-skill level award for enlisted or mandatory training for upgrade to qualify for officers.

Instructional System Development (ISD). A deliberate and orderly, but flexible, process for planning, developing, implementing, and managing instructional systems. ISD ensures personnel are taught, in a cost efficient way, the knowledge, skills, and attitudes essential for successful job performance.

Master Task List (MTL). A comprehensive list (100%) of all tasks performed within a work center and consisting of the current CFETP or Air Force Job Qualification Standard (AFJQS) and locally developed

AF Form 797, (as a minimum). Should include tasks required for deployment and/or Unit Type Code (UTC) requirements.

Master Training Plan (MTP). Employs a strategy for ensuring the completion of all work center job requirements by using a MTL and provides milestones for task, CDC completion, and prioritizes deployment/UTC, home station training tasks, upgrade, and qualification tasks.

Medical Evacuation (MEDEVAC). The movement of a casualty from the point of injury to medical treatment using medically equipped vehicles or aircraft.

Medical Treatment Facility (MTF). Any DoD facility (area medical center, regional hospital, clinic, or other medical unit) that provides health care to active duty members and their dependents, or retired military members and their dependents. MTFs are also locations where patient care training is conducted.

MM&S. Discipline that encompasses the development and/or use of medical models and simulation.

No Go. Trainee has not gained skill, knowledge, and experience to perform task without supervision. Does not meet task standard.

Occupational Analysis Report (OAR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

On-the-Job Training (OJT). Hands-on, directly supervised training conducted to certify personnel in both upgrade (skill level award) and job qualification (duty position certification) training.

Phase II Training. Clinical training that is a continuation of a formal resident course that provides Airmen with realistic hands-on experience before beginning OJT at the permanent duty location.

Qualification Training (QT). Hands-on performance training designed to qualify personnel in a specific position. This training occurs both during and after upgrade training to maintain up-to-date qualifications.

Qualification Training Package (QTP). An instructional package designed for use at the unit to qualify, or aid qualification, in a duty position or program, or on a piece of equipment. It may be printed, computer-based, or in other audiovisual media.

Comprehensive Medical Readiness Program (CMRP). The readiness portion of AFSC-specific sustainment training designed to ensure all members with a fully qualified AFSC maintain the currency of skills to perform their duties in a deployed setting. **NOTE:** Refer to the following website for AFSC specific readiness skills training https://kx.health.mil/kj/kx9/cmrp/Pages/home.aspx

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being delivered.

Scope of Practice/Responsibility. The extent or range of subject knowledge, task knowledge, and task performance that Aerospace Medical Service personnel apply in the performance of duty at the appropriate skill level. Procedures to request a Scope of Practice Waiver are outlined in AFI 44-119, *Medical Quality Operations*.

Seasoning Training Program (STP). Seasoning training is intended for members who are not in or pursuing a related civilian occupation or assigned to a unit that does not have the capability or accessibility to any facilities by which the member would acquire skill proficiency verification for 3-level and possibly 5-level upgrade may utilize this training.

Simulation. A method for implementing a model over time.

Special Experience Identifier (SEI). A three-number code that identifies special experience and training not otherwise identified in the personnel data system.

Specialty Training Standard (STS). An Air Force publication (typically inserted as Part 2 of the CFETP) describing an Air Force specialty in terms of tasks and knowledge an Airman in that specialty may be expected to perform or to know on the job. Also identifies the training provided to achieve a 3-, 5-, or 7-skill level within an enlisted AFS. It further serves as a contract between AETC and the functional user to show which of the overall training requirements for an Air Force specialty code (AFSC) are taught in formal schools and correspondence courses.

Standard. A predetermined quality or quantity, against which performance skills and knowledge is measured. An exact value, a physical entity, or an abstract concept, the appropriate authority, custom, or common consent sets up and defines to serve as a reference, model, or rule in measuring quantities or qualities, developing practices or procedures, or evaluating results. A fixed quantity or quality.

Sustainment Training. Recurring training required to maintain skills of a qualified individual to perform the duties required by the 4N0X1X AFSCs. To include but not limited to: formal training courses, TCCC, EMT, BLS, ACLS, in-service training, and readiness training/exercises.

Task. An observable and measurable unit of work activity or operation that forms a part of a duty, with one or more duties making up a job.

Task Analysis. A detailed analysis of tasks for a particular AFS to be included in the training decision process.

Third Party Certification. Is an evaluation of completed training conducted by the task certifier, and is only required when directed by the AFCFM.

Total Force. All collective Air Force components (active, reserve, guard, and civilian elements) of the United States Air Force.

Trainer. A trained and qualified person who teaches personnel to perform specific tasks through OJT methods. Also, equipment that the trainer uses to teach personnel specified tasks.

Training Capability. The ability of a unit or base to provide training. Authorities consider the availability of resources (such as equipment, reference materials, qualified trainers, etc.) when determining a unit's training capability.

Upgrade Training (UGT). Mandatory training that leads to the attainment of a higher level of proficiency.

Utilization and Training Workshop (UTW) /Specialty Training Requirements Team (STRT). Meetings, in partnership with the Air Education Training Command Training Pipeline Manager or USAF School of Aerospace Medicine, to develop and review life-cycle AF Specialty performance and training requirements. AETC or USAFSAM Training Managers attends the Specialty Training Requirements Team in an advisory capacity. Incorporates the expertise of MAJCOM functional managers (MFMs), subject matter experts (SME), AETC, 711 HPW and other training personnel to determine career ladder training requirements.

SECTION A – GENERAL INFORMATION

Purpose of the CFETP

1. The CFETP provides information necessary for the 4NXXX AF Career Field Manager (AFCFM), 4N0X1 MAJCOM Functional Managers (MFMs), Commanders (CCs), Unit Training Managers (UTMs), supervisors, and trainers to plan, develop, manage, and conduct an effective and efficient career field education and training program. The plan outlines training for 4N0X1X Airmen to develop, progress, and succeed in the career field. The plan identifies initial skills, upgrade, qualification, advanced, proficiency, and continuation training.

1.1. Initial skills training is the AFSC specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. The 59th Training Group at Joint Base San Antonio (JBSA), Fort Sam Houston, TX and USAF School of Aerospace Medicine (USAFSAM) at Wright-Patterson AFB, OH, provides initial and advanced skills training.

1.1.1. Upgrade training (UGT) identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7-, and 9-skill level.

1.1.2. Qualification and/or job proficiency training (along with job experience) is actual hands-on task performance training designed to qualify an Airman in a specific duty position. This training program occurs both during and after the UGT process. It provides the performance skills and knowledge required to do the job.

1.1.3. Advanced training is formal specialty training that provides individuals who are qualified in one or more position of their specialty with additional skills and knowledge to enhance their expertise in the career field. Training is for selected Career Airmen at the advanced level of their AFS.

1.1.4. Proficiency training is additional training, either in-residence or exportable advanced training courses, or OJT, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade.

1.1.5. Continuation training is additional advanced training exceeding the minimum UGT requirements with emphasis on present or future duty assignments.

1.2. The CFETP has several purposes—some are:

1.2.1. Serve as a management tool to plan, develop, manage, conduct, and evaluate a career field training program. Also, ensures that established training is provided at the appropriate point in an individual's career. **NOTE:** This CFETP is to be utilized as a credential file for all 4N0X1Xs, and is the guide to establish scope of practice/responsibility for each individual.

1.2.2. Identifies task and knowledge training requirements for each skill level in the specialty and recommends training throughout each phase of an individual's career. It describes the scope of practice/responsibility in the Aerospace Medical Service specialty.

1.2.3. List training courses available in the specialty, identifies sources of training, and the training delivery method.

1.2.4. Identify major resource constraints that impact full implementation of the desired career field training program.

2. CFETP Use. The CFETP is maintained and certified by the 4NXXX AFCFM. The AFCFM is the approval authority for the CFETP and will initiate an annual review of this document to ensure currency and accuracy. The training plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

2.1. AETC and USAFSAM training personnel will develop and or revise formal resident, non-resident, and exportable training based upon requirements established during Utilization and Training Workshops (U&TWs) and documented in Part II of this CFETP. They will also work with the AFCFM to develop procurement and acquisition strategies for obtaining resources needed to provide the identified training.

2.2. 4N0 MFMs will ensure their training programs complement the CFETP mandatory initial skill, upgrade, and proficiency requirements. Coordinated planning between the MAJCOMs and AFCFM enables a holistic approach to address independent and global Total Nursing Force perspectives by aligning strategy, operating concepts, and capability development for the nursing practice, readiness, sustainability, infrastructure, and modernization/recapitalization of the Total Force Nursing Services enterprise.

2.2.1. 4N0 MFMs in coordination with the MAJCOM SGN will also identify the needed AF Job Qualification Standards (AFJQS)/AFQTPs) to document unique UGT and continuation training requirements. Requirements are satisfied through OJT, resident training, contract training, or exportable courseware/courses.

2.2.2. MAJCOM-developed training to support this AFSC must be identified for inclusion into this plan. As such, MAJCOMs must ensure that no training or documentation of training is developed, when such training is satisfied by existing courses and is effectively documented as prescribed in AFI 36-2651 and this CFETP using the higher headquarters' generated Training Record (TR) Program and associated forms. (Ref. AFI 33-360, *Publications and Forms Management*)

2.2.3. MAJCOMS, AETC, and the USAFSAM training personnel will use the AFCFM's annual CFETP review to coordinate training needs and requirements; in addition to, active engagement in the UTW and STRT processes as required.

2.3. Individual 4N0X1 personnel will complete the mandatory specialty training requirements specified in this plan to include respective UGT and continuation training plus associated third party certifications. To request a waiver for required items in the CFETP, refer to AFI 36-2651, *Air Force Training Program.*

2.4. Scope of Practice/Responsibility. Total Force 4N personnel may be asked to perform tasks beyond their normal training plus scope of practice and responsibility outlined in terms of this CFETP. Scope of practice and responsibility is defined as the extent or range of subject knowledge, task knowledge, and task performance that 4N personnel apply in the performance of duty at the appropriate skill level.

2.4.1. When the leadership (MTF or Line of the AF) team validates requirements to utilize 4N0X1X Airmen, in the grades of E1-E8, to perform tasks (clinical or non-clinical) outside his/her scope of practice; the organization must request approval for scope of practice/responsibility waiver. Procedures to request a scope of practice/responsibility waiver are outlined in the following paragraphs 2.4.2. – 2.4.5.:

2.4.2. The utilization of total force 4N0X1X technicians for extended scope of practice must meet three (3) criteria:

2.4.2.1. The expanded scope of practice/responsibility of the task must be mission essential.

2.4.2.2. The member must be trained and certified for the expanded scope by a competent and certified trainer and the training must be documented. Training requirements must meet the standards established in Air Force Instruction (AFI) 36-2651, *Air Force Training Program*.

2.4.2.3. The expanded role is restricted solely to military mission performance and it requires annual review and approval.

2.4.3. The AFCFM is the final waiver authority for enlisted scope of practice/responsibility waivers. Contact the respective 4N0 MFM prior to formal coordination to ensure chain of command is aware of AF-wide mission and resource needs and changes. When requesting the scope of practice/responsibility waivers for 4N0X1X, the process starts with completing the steps outlined at the following site: 4N Scope of Practice Waiver Process Kx Link.

2.4.3.1. Members receiving a selective reenlistment bonus (SRB) must request a waiver through the MPS prior to performing duties outside of their CAFSC. In addition to guidance in AFI 36-2101, refer to AFI 36-2606, *Reenlistment in the United States Air Force,* for further guidance pertaining to SRB recipients serving outside their SRB specialty within a 360 day period.

2.4.4. All waiver requests must be resubmitted annually for re-verification and approval.

2.4.5. In all cases, training and periodic requirement, knowledge and skill certifications are formally certified on AF IMT 797, *Job Qualification Standard Continuation/Command JQS* or AF IMT 1098, *Special Task Certification and Recurring Training*, and maintained in the individual's electronic Training Record. Training references for all tasks beyond any individual's scope of practice/responsibility or the CFETP will be maintained in the duty section where these tasks are performed.

3. CFETP Coordination and Approval. The AFCFM is the approval authority for any official change(s) made to the CFETP. The 4N0X1X AFSC Training Manager officially initiates and coordinates the annual CFETP review and reports deficiencies to the AFCFM at least 45 days before the anniversary date of the CFETP IAW AFI 36-2651. MAJCOM representatives, AETC, and USAFSAM training personnel will identify and coordinate on the career field training requirements. Using the list of courses in Part II, they will eliminate duplicate training. They will submit, through proper channels, all initial and subsequent changes to the CFETP. Additionally, this document has been reviewed by the Chief, Nurse Corp.

3.1. Submit any CFETP suggestions and corrections to the USAF 4N Career Field Manager at DHHQ, Attn: AF/SG1E, Bldg 7700, Room 4NW221, Falls Church, VA 22034 or call DSN: 761-7580 COMM: (703) 681-7580. At a minimum, submissions will be reported in writing to the respective MFM and MAJCOM SGN for situational awareness and suggested course of actions or actions taken to remedy. Also consult with the CFM and/or 4N Force Manager for policy interpretations associated with any part of this CFETP.

SECTION B – CAREER PROGRESSION AND INFORMATION

1. Specialty Description.

1.1. Specialty Summary. Plans, provides, and evaluates routine patient care and treatment of beneficiaries to include flying and special operational duty personnel. Organizes, coordinates, executes, and evaluates nursing activities in the medical environment as a Licensed Practical Nurse (LPN)/Licensed Vocational Nurse (LVN). Performs and directs support activities for patient care situations, including contingency operations and disasters. Performs duty as Flight and Operational Medical Technician (FOMT), Independent Duty Medical Technician (IDMT), Aeromedical Evacuation Technician (AET), Allergy and Immunization Technician (AIT), Special Operations Command (SOC) Medic, Critical Care Technician (CCT), National Registry Paramedic (NRP), Neurodiagnostic Technologist (NDT), Dialysis Medical Technician (DMT), or Hyperbaric Medical Technician (HBMT). Related DoD Occupational Subgroup: 130000

1.2. Duties and Responsibilities.

1.2.1. Provides, supervises and manages patient care of beneficiaries to include flying and special operational duty personnel. Performs nursing tasks. Acts as Air Force Medical Home (AFMH) member or team leader. Front-line preventionist who identifies potential health risks and provides preventative counseling. Performs paraprofessional portions of preventative health assessments and physical examinations. Monitors and records physiological measurements. Orients patients to the hospital environment. Admits, discharges, and transfers patients as directed. Observes, reports, and records observations in patient progress notes and team conferences. Performs portions of medical treatment, diagnostic, and therapeutic procedures. Cares for, observes, and reports on pre/post-operative, seriously or critically ill, and injured patients. Records treatments and procedures rendered and observes effects. Performs postmortem care. Identifies patient problems and assists in developing and evaluating patient care plans. Assembles, operates, and maintains therapeutic equipment. Provides field medical care in contingency operations and disasters. Performs basic life support, tactical combat casualty care (TCCC) and triage in emergency situations. Serves as member of primary emergency medical response to in-flight emergencies and potential mass casualty scenarios for on- and off-base incidents. Operates emergency medical and other vehicles. Loads and unloads litter patients. Participates in contingency or disaster field training, exercises, and deployments. Augments search and rescue flying squadrons. Obtains and maintains linen and supplies/areas. Disposes of medical waste. Maintains inpatient and outpatient medical records. Screens medical records for deployability and other medical administrative requirements. Prepares and submits administrative reports. Manages supplies and equipment, submits and executes budgets. Coordinates medical service activities with execution and clinical management teams. Utilizes the nursing process for promoting and maintaining patient health. Provides disease and disability education, care, and evaluation of nursing care. Participates in and leads the planning, implementation, and evaluation of nursing care. Performs assessment and analysis of patient health status, identifies health goals, recognizes subtle changes in conditions, interprets these changes, and immediately determines appropriate course of action.

1.2.2. Supervises personnel, conducts training, and creates duty schedules. Schedules and/or conducts in-service training on procedures, techniques, and equipment. Schedules and/or conducts periodic disaster training and evacuation procedures. Provides training to medical and non-medical personnel; training may include areas such as emergency medical technician (EMT), TCCC, and required basic life support training.

1.2.3. Performs Flight and Operational Medicine duties. Assists flight surgeon with aircraft mishap and physiological incident response, investigation, and reporting. Supports flight surgeon to develop flying safety and deployment briefings. Assists healthcare provider teams with interpretation and application of medical standards to determine medical qualifications for occupational duty, worldwide duty, special operation duty, mobility status, flying status, special duty, security clearance, professional military education (PME), retraining, commissioning, and transition to Air Force Reserves or Air National Guard. Provides administrative management of duty limiting conditions reports. Assists with oversight of waiver management utilizing the Aircrew Information Management Waiver Tracking System (AIMWTS). Maintains grounding management on all aircrew assigned utilizing the Aeromedical Services Information Management Systems (ASIMS). Performs the paraprofessional portion of initial flying class/special operational duty (SOD) physicals. Conducts clinical entries for data into the Physical Examination Processing Program (PEPP) and

manages physical until completion. Provides first point of contact for non-empanelled patients requiring physical examinations (i.e. Department of Defense Medical Examination Review Board (DoDMERB), Reserve Officer Training Corps (ROTC), and others that are an extension of the occupational exam). Performs preventive health assessment (PHA) physicals for flying status and non-flying status personnel and updates results of required tests and examinations into ASIMS.

1.2.4. Performs duty as an IDMT at home station and deployed locations, remote sites and alternate care locations. Renders medical, dental, and emergency treatment; recommends and coordinates evacuations for definitive medical treatment. Performs pharmacy, laboratory, bioenvironmental, immunizations, public health, medical logistics and medical administration duties. Establishes preceptorship and provides forward area health care IAW applicable guidelines in an austere or bare-base environment.

1.2.4.1. Special Operations Command (SOC) Medics perform special operations medical support providing initial combat point of injury care, on-going field trauma care, and Casualty Evacuation (CASEVAC) to definitive care.

1.2.4.2. SOC medics are ideally suited to Special Operations Forces (SOF) and Combat Search and Rescue (CSAR) mission support for establishing bare-base encampments.

1.2.5. Performs Aeromedical Evacuation (AE) ground and/or flight duties. Performs pre-flight/inflight patient care and documentation. Provides emergency care for patients in event of medical and/or aircraft emergencies. Functions as an aeromedical evacuation crewmember (AECM). Prepares patients, equipment and aircraft for flight. Enplanes and deplanes patients. Loads and unloads baggage. Operates specialized aircraft flight equipment, medical devices and aircraft systems related to patient care. Performs AE mission planning and management.

1.2.6. Performs allergy and/or immunization (AI) duties.

1.2.6.1. Allergy: Manages immunotherapy care and performs diagnostic tests as ordered by physician. Prepares allergenic extracts and/or specific allergy treatment extracts. Performs allergy, skin and anergy testing.

1.2.6.2. Immunization: Manages computer based patient information. Performs tuberculosis skin testing. Administers vaccines IAW current guidelines. Provides emergency care for treatment of anaphylaxis. Provides patient education regarding expected reactions and proper post-vaccination care. Provides oversight of immunization processes and programs. Manages the IBT/IA program.

1.2.7. Performs Neurodiagnostic duties. Assists physician with and prepares patients for examination, treatment, and diagnostic procedures. Assembles, operates, maintains and performs routine user maintenance of electroencephalographic and electromyographic equipment. Perform with special electroencephalographic and electromyographic procedures. Ensures appropriate completion and storage of procedure logs.

1.2.8. Performs critical care duties. Prepares patient with special equipment for transfers. Performs and assists with examinations and special procedures including mechanical ventilation, cardiovascular and neurovascular procedures and dialysis.

1.2.9. Performs hyperbaric medical duties. Prepares patients and equipment for hyperbaric dive. Provides wound care and debridement. Prepares hyperbaric chamber and properly positions patients. Functions as hyperbaric dive crewmember. Assists hyperbaric nurse or provider with patient care during and post treatment. Provides emergency care for patients in event of medical or hyperbaric chamber emergencies.

1.2.10. Performs dialysis duties. Prepares patients and equipment for specialized renal acute/chronic. Performs hemodialysis machine maintenance and water treatment system component maintenance, IAW Advancement of Medical Instrumentation (AAMI) and local policy standards. Provides troubleshooting capabilities, and critical thinking skills in the event of machine/patient emergencies.

1.2.11. Nationally Registered Paramedic (NRP). Provides Advanced Emergency Medical Services (EMS) IAW with USAF Pre-Hospital Protocols. Individuals who hold a current NRP certification must maintain certification following initial certification.

2. Skill and Career Progression. Adequate training is essential to timely progression of personnel from apprentice to the superintendent skill levels and training also plays an important role in the Department of the

Air Force's ability to accomplish its mission. Everyone involved in training must do their part to plan, manage, and conduct effective training programs. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career.

2.1. Apprentice/3-Skill Level. Initial skills training in this specialty consist of the tasks and knowledge training provided in the 3-skill level in-resident course conducted at JBSA, Medical Education and Training Campus, Fort Sam Houston, TX. This course includes 2 days of Expeditionary Medical Readiness Course. In addition, successful completion (no more than 3 attempts) and award of the NREMT certification is mandatory. Upon graduation from the in-resident course, students will attend the 3-skill level Phase II course located at one of the Phase II training facilities. Individuals must successfully complete both the in-resident and Phase II courses to be awarded AFSC 4N031. **NOTE:** Refer to the Education and Training Course Announcements (ETCA) at https://cs2.eis.af.mil/sites/app10-ETCA/SitePages/Home.aspx for current course numbers**.**

2.2. Journeyman/5-Skill Level. Upgrade training to the 5-skill level in this specialty starts immediately after assignment to the duty position as an apprentice/3-skill level.

2.2.1. Upgrade Requirements. Specific knowledge, education, training, experience, other requirements along with, training resources plus implementation of journeyman training requirements. Training requirements are: (1) CDC 4N051A and 4N051B set completion; (2) all STS core tasks (including core task QTPs); and (3) Current certification as an NREMT is mandatory.

2.2.1.2. Approval Authority. Must be recommended by the supervisor plus approved by the commander for formal skill upgrade via AF 2096. UTMs assist the supervisor and commanders in this process as specified in AFI 36-2651.

2.3. Craftsman Level (7). Upgrade training to the 7-skill level starts on the first day of the promotion cycle once selected for promotion to the rank of SSgt. In the case of SSgt retrainees (if applicable), UGT starts upon award of the 5-skill level.

2.3.1. Upgrade Requirements. Completion of (1) CDC 4N071; (2) all STS core tasks (including core task QTPs).

2.3.2. Approval Authority. Must be recommended by the supervisor plus approved by the commander for formal skill upgrade via AF 2096, *Classification/On-The-Job-Training Action*. UTMs assist the supervisor and commanders in this process as specified in AFI 36-2651.

2.4. Superintendent Level (9). Upon promotion to SMSgt, satisfaction of requirements outlined in AFI 36-2101, and completion of an AF 2096, *Classification/On-The-Job-Training Action*, AFSC 4N091 will be awarded. Current certification as an NREMT is mandatory.

2.5. Chief Enlisted Manager Level (0). AFSC/CEM code 4N000 awarded upon selection for promotion to CMSgt. Current certification as an NREMT is mandatory when filling a 4N091 UTC requirement.

2.5.1. Enlisted Deliberate Development. Occurs through the guidance, direction and execution of Enlisted Development Teams (EDT). Through EDTs, enlisted career field leadership executes planning and succession planning to ensure Air Force specialties are effectively equipped, developed and sustained to provide the required capabilities to accomplish the mission. Succession planning is the responsibility of EDTs and entails identifying key developmental positions (KDPs) and key leadership positions (KLPs).

2.6.1. EDT. Provide vectors based on projected (or anticipated) aggregated requirements by grade, level, and position type. A vector is an EDT's collective recommendation for an experience level, training or education opportunity, or position type for an Airman's next or subsequent assignment. EDTs ensure a career field's senior leadership becomes familiar with Airmen assigned to their functional area and assesses Airmen's qualifications and potential for future opportunities. EDTs must be executed in the most cost-efficient manner possible. This includes taking full advantage of remote capabilities, conducting EDTs in conjunction with other scheduled meetings, and minimizing the need for AFPC support and resources to execute EDTs.

2.6.2. **KDPs/KLPs.** CAFSC specific. Identified by AFCFM and approved by MFMs (Final approval, AFCFM). Positions develop 4Ns for future leadership and strategic roles. KDPs/KLPs are reviewed annually. Below is a brief list of approved KDPs/KLPs:

AFS	Position Title	Identify KDP or KLP	Duty Location(s)	Skill Level	Req Grade	Position Requirements (if any)
4N1	Associate Career Field Manager	KDP	Falls Church, VA	4N191	SMSgt	CST Highly Desired
4N0	4N Force Manager	KDP	Falls Church, VA	4N091	SMSgt	LPN Highly Desired
4N0	AFRC 4N Force Manager	KLP	Robins AFB, GA	4N091	SMSgt	LPN Highly Desired
4N0	AMSA, Course Supervisor	KLP	Ft Sam Houston, TX	4N091	SMSgt	LPN Highly Desired
4N0	Functional Mgr, Medical Ops Assignments	KLP	JBSA-Randolph AFB, TX	4N091	SMSgt	LPN Highly Desired
4N0	AF Global Strike Cmd Functional Mgr	KLP	Barksdale AFB, LA	4N091	SMSgt	LPN Highly Desired
4N0	AF Special Operations Cmd Functional Mgr	KLP	Hurlburt Field, FL	4N091	SMSgt	SEI 455/456/496
4N0	Space Force Functional Mgr	KLP	Peterson AFB, CO	4N091	SMSgt	LPN Highly Desired
4N0	AFDW Functional Mgr	KDP	JB-Andrews, MD	4N091	SMSgt	LPN Highly Desired
4N0	AE Sq Superintendent	KDP	Scott AFB, IL Travis AFB, CA Ramstein AB, Germany Kadena AB, Japan	X4N091	SMSgt	SEI 494
4N0	AE Formal Training Unit Superintendent	KDP	Wright-Patterson AFB, OH	X4N091	SMSgt	SEI 494
4N0	Mgr, Flight Med Branch (Consultant)	KDP	Falls Church, VA	4N091	SMSgt	LPN Highly Desired
4N0	AF EMS State Director	KDP	Falls Church, VA	4N091	SMSgt	LPN Highly Desired
4N0	Supt, USAFSAM (Office of the Dean)	KDP	Wright-Patterson AFB, OH	4N091	SMSgt	LPN Highly Desired
4N0	IDMT Course Supervisor (Consultant)	KDP	Ft Sam Houston, TX	4N091	SMSgt	LPN Highly Desired/SEI 496
4N0	AMWD Superintendent	KDP	JBSA Randolph AFB, TX	4N091	SMSgt	4N0X1F/SEI 470
4N0	Flt and Operational Med Course Supervisor	KDP	Wright-Patterson AFB, OH	4N071F	MSgt	LPN Highly Desired
4N0	Mgr, Medical Modernization Division	KDP	JBSA Randolph, TX	4N071	MSgt	LPN Highly Desired/ Operational Experience
4N0	Mgr, Flt and Operational Med	KLP	HQ AMC Scott AFB, IL, HQ ACC JB Langley-Eustis, HQ AETC JBSA Randolph, TX	4N071F	MSgt	LPN Highly Desired
4N0	Command AE Eval Tech Examiner	KDP	HQ AMC Scott AFB, IL, HQ PACAF, JBPH, HI, HQ USAFE; Ramstein AB GE	X4N071	MSgt	SEI 494
4N0	USAF EMS Program Manager	KDP	Falls Church, VA	4N071	MSgt	SEI 456 Highly Desired
4N0	CDC Writer	KDP	Ft Sam Houston, TX	4N071	MSgt	LPN Highly Desired
4N0	Supt, FOMT-BOMC Development Cell	KLP	Wright-Patterson AFB, OH	4N071F	MSgt	LPN Highly Desired
4N0	Integrated Operations Support	KDP	Falls Church, VA	4N071	MSgt	LPN Highly Desired/ Operational Experience
4N0	NCOIC, Tech Mgmt and Integration	KDP	Falls Church, VA	4N071	TSgt	LPN Highly Desired

3. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Aerospace Medical Service specialty. The spectrum includes a strategy for when, where, and how to meet training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. Initial skills and UGT requirements were reviewed, updated, and expanded during the 4N0X1 U&TW held 12-15 March 2018 and 27-30 November 2018 at Medical Education and Training Campus, Fort Sam Houston, Texas. The decision to train specific tasks and knowledge items in the initial skills course and 4N0 non-resident medical training program is based on Occupational Survey Report (OSR) data, Training Requirements Analysis (TRA) data, and input from 4N0X1 SMEs. Task and knowledge training requirements are identified in the STS (Part II, Section A of this CFETP). The following training decisions were made during the U&TW:

3.1. The STS was reviewed and updated to include the following changes.

3.1.1. Multiple new and redundant line items were added to clean up the task descriptors, as well as task performance requirements for both the 5-skill level and 7-skill level trainees.

3.1.2. Multiple line items' proficiency codes were adjusted to eliminate skill gaps and to correct instructional delivery system administrative requirements identified during site visits, gap analysis, and from U&TW SME feedback.

3.1.3. Multiple tasks' were added to meet readiness training needs and requirements based upon Defense Health Agency (DHA)-Health Affairs (HA) Joint Knowledge, Skills, and Abilities (JKSA) and AFSC CMRP skills.

3.2. Initial (3-level) Skills Training. The U&TW changed tasks and proficiency codes in the 3-level course column to reflect the career field's desire to increase the amount of hands-on training and increase on areas of weakness.

3.3. 5-skill level UGT Requirements. The U&TW revised the 5-skill level OJT and CDC columns to align and increase proficiency in the subjects and tasks introduced in initial skills training.

3.4. 7-skill level UGT Requirements. The U&TW revised the 7-skill level OJT and CDC columns to align and increase proficiency in the subjects and tasks introduced in initial skills and 5-skill level training.

3.5. Proficiency Training. The 4N AFSC must be fully capable of performing mission critical tasks in support of expeditionary operations. The 4N career field continues to need a critical skills sustainment framework that includes approved and standardized common operating practices and supports standardized proficiency training expectations in the COL. More proficiency and competency training is needed with a standard required level of performance within the constraints of competing demands for a 4Ns time. To maintain currency/qualification in special tasks and positions, the 4N AFSC will focus on central development of standardized supplement training tools that support the right balance of OJT, proficiency training, continuation training, as well as certification. Core tasks, QTPs, and other requirements for 5-and 7-levels have been established updated and reviewed. All other STSs were reviewed, updated and approved.

3.6. Tactical Combat Casualty Care (TCCC) Certification. On 16 Mar 2018, the revised Department of Defense Instruction (DoDI) 1322.24, *Medical Readiness Training,* was published mandating role-based TCCC training every 36- months for all Service members and some Expeditionary Civilians. The Defense Health Agency (DHA), in coordination with the Services, is in the process of developing four TCCC courses: All Service Members (Tier 1), Combat Lifesaver (Tier 2), Combat Medic/Hospital Corpsmen (Tier 3), and Combat Paramedic/Provider (Tier 4). Until the DHA approved TCCC curriculum is finalized, the AF/SG has directed active duty 4N0X1 and 4N1Xl personnel to complete the current National Association of Emergency Medical Technician (NAEMT) TCCC for Medical Personnel. **(ref: 13 Aug 19 memo)**
https://kx.health.mil/kj/kx3/AerospaceMedicalServiceCFM/Training%20and%20Development/Forms/AllItems.aspx. Course completion will be documented in the Medical Readiness Decision Support System.

3.6.1. All 4N0X1 personnel will complete the DHA TCCC Combat Medic (Tier 3) curriculum once finalized with training recertification every 24-months (Reg-AF) and every 36-months (ARC) unless tasked for deployment. **NOTE: TCCC does NOT need to be re-accomplished unless member is due to recertify.** If tasked to deploy, must be current within 12-months. Initial TCCC training to be accomplished at the 4N0 non-resident medical phase II program.

3.6.2. All 4N0X1C (IDMTs) and 4N NRPs will complete the DHA TCCC Combat Paramedic/Provider (Tier 4) curriculum once finalized with training recertification every 24-months (Reg-AF) and every 36-months (ARC) unless tasked for deployment. If tasked to deploy, must be current within 12-months.

3.7. USAF Emergency Medical Services (EMS) Program.

3.7.1. Responsibilities:

3.7.1.1. Approves continuing education (CE). These include any subject covered in the National EMS Educational Guidelines. Other topics must be approved by the USAF EMS Program Manager prior to the offering date.

3.7.1.2. Notifies NREMT and Emergency Medical Technician (EMT) training sites of CE approval.

3.7.1.3. Provides guidance to NREMT and course coordinators on EMS CE within Air Force Aerospace Medical Service arena.

3.7.1.4. Investigates possible breeches of program integrity.

3.7.1.5. Air Force liaison to Board of Directors NREMT. Personnel should contact the USAF EMS Program Manager or State Director on all matters prior to contacting the NREMT.

3.7.1.6. Conducts medical incident investigations and functions as the subject matter expert in malpractice cases involving enlisted personnel in the performance of EMT and/or Paramedic duties, as requested.

3.7.2. MTF.

3.7.2.1. Ensures appropriate volume of SKT study material for 4N personnel.

3.7.2.2. Ensures availability of proper equipment/supplies for NREMT Training.

3.7.2.3. Coordinates funding for NREMT recertification vouchers for all assigned 4Ns.

3.7.2.4. MTF 4N Functional. Ensure that all newly assigned 4Ns/members who have never taken the protocol test complete the USAF Pre-Hospital Protocols test within 6 months of assignment. If assigned to an EMS unit, the test must be completed within 30 days of assignment. All results must be documented into their training record.

3.7.3. Medical Director. A licensed physician responsible for the overall management, maintenance, and integrity of local program.

3.7.4. EMT Course Site Coordinator.

3.7.4.1. Acts as liaison between students, MTF executive staff, local medical community, and USAF EMS Program Manager.

3.7.4.2. Coordinates and/or conducts didactic and skills training for all assigned NREMT personnel.

3.7.4.3. Ensures all documentation on NREMT recertification application is complete and accurate by 31 January of the recertification year before signing.

3.7.4.4. Notifies MTF/Unit SGN and 4N Functional Manager if personnel are not current or miss deadline.

3.7.5. Supervisor.

3.7.5.1. Ensures each member has resources required for training and testing.

3.7.5.2. Reviews and ensures accuracy of documentation before re-registration form is submitted to EMT Course Coordinator for validation.

3.7.5.3. Works with EMT Course Coordinator and individual EMTs and NRPs ensuring no lapse in recertification.

3.7.5.4. Refers individuals to EMT Course Coordinator for remedial training when required.

3.7.5.5. Acts as liaison between EMT and Course Coordinator.

3.7.5.6. With EMT Course Coordinator approval, supervisors (that have complete the train-the-trainer course) may sign off EMT/NRP skills during unit training commensurate to their level of training.

3.7.6. EMT and Nationally Registered Paramedic (NRP).

3.7.6.1. The EMT and NRP are ultimately responsible for successful completion of all training and testing requirements.

3.7.6.2. Completes all requirements for recertification by NREMT ensuring no lapses in recertification occur.

3.7.6.3. Works with supervisor and EMT Course Coordinator to ensure access to required training.

3.7.6.4. Ensures all tasks are properly documented in electronic training record and on NREMT site.

3.7.6.5. If pre-deployment timeline permits, personnel coming due for recertification during deployment should contact the USAF EMS Program Manager as soon as the individual is notified of deployment.

3.7.6.6. Requests remedial training when needed.

3.7.6.7. Ensures required funding and documents are forwarded with NREMT recertification package.

3.7.6.8. 5-level NREMTs and NRPs assigned to Emergency Services (Emergency Department, Emergency Care Center, Urgent Care Center, etc.) or Ambulance Services are authorized to administer the medications commensurate with their certification via approved routes (IN, IV, IO, IM, Oral, SL, Buccal) as listed in the USAF EMS Protocols. Members must have completed the USAF Medication Administration course and been signed off on IV, IO, IN, IM, Oral, SL, Buccal Medication Administration tasks in their electronic training record prior to administering medications

3.7.7. Recertification documentation.

3.7.7.1. NREMT recertification application will be completed on the NREMT website by 31 January of the

recertification year. Recertification documentation must be uploaded to the NREMT website as required by National Registry.

3.7.7.2. Contingency Recertification Procedures. Personnel currently deployed in support of contingency operations should contact the USAF EMS Program Manager for guidelines on conducting training and possible recertification extension.

3.7.8. Expired Registration.

3.7.8.1. A healthcare professional who does not obtain an active, current, valid, unrestricted license/cerification or other authorizing document will not practice independently.

3.7.8.2. Individuals who allow their NREMT or NRP certification to lapse will be decertified in all NREMT skills listed as an NREMT core task and will neither perform pre-hospital emergency care nor be assigned duties on ambulances or in emergency services. Once expired, individuals will have 6 months to complete all recertification requirements as mandated by the NREMT and the AF EMS State Office. These individuals are not deployable assets, and therefore, must not be assigned to a deployable UTC position.

3.7.8.3. Individuals who fail to maintain or re-obtain this mandatory certification within 6 months of expiration will have the AFSC withdrawn IAW AFI 36-2101, Classifying Military Personnel (Officers and Enlisted).

3.7.8.4. AFSC withdrawal process starts 1 October of the recertification year.

3.7.9. NREMT Exemptions. 4N0X1 personnel completing special duty assignments outside CAFSC (to include MTL, MTI, PME, etc.) are highly encouraged to maintain their certification while performing those duties (i.e. coordinate with local MTF for training or coordinate with USAF EMS Program for suitable CEU based refresher approval), and will have up to 6 months upon returning to the 4N0X1 career field to re-establish their NREMT certification.

Community College of the Air Force (CCAF).

4. CCAF Degree. CCAF is one of several federally charted degree-granting institutions; however, it is the only 2-year institution exclusively serving military enlisted personnel. The college is regionally accredited through Air University by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate in Applied Science (AAS) degrees designed for specific Air Force occupational specialties and is the largest multi-campus community college in the world. Upon completion of basic military training and assignment to an AF career field, all enlisted personnel are registered in a CCAF degree program and are afforded the opportunity to obtain an AAS degree. In order to be awarded, degree requirements must be successfully completed before the student separates from the Air Force, retires, or is commissioned as an officer. See the CCAF website for details regarding the AAS degree programs.

4.1. **Professional Certifications.** Certifications assist the professional development of Airmen by broadening their knowledge and skills. Additionally, specific certifications may be awarded collegiate credit by CCAF and civilian colleges. To learn more about professional certifications and certification programs offered by CCAF, visit the CCAF website.

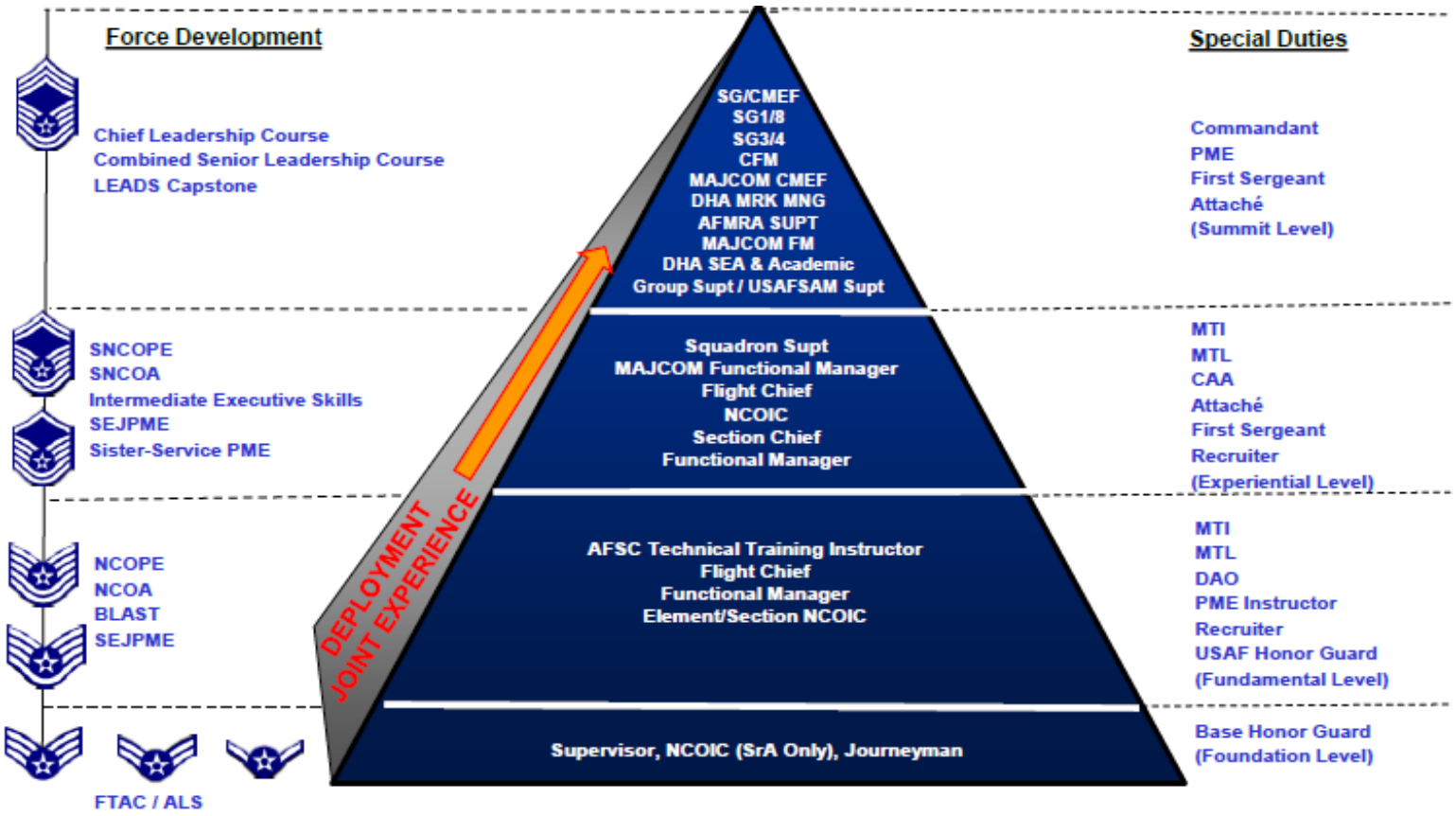
4.1.1. Certification Opportunities within the 4N0 AFSC. The programs and governing bodies listed below are certifications the 4N0 AFSC can obtain as noted in AFI 41-104, *Professional Board and National Certification Examinations.*

Governing Body/Agency	Certification/Title
National Registry of Emergency Medical Technicians	Emergency Medical Technician National Registered Paramedic
National Council of State Boards of Nursing-Licensed Practical Nurse (NCSBN-LPN)	Licensed Practical Nurse/Licensed Vocational Nurse
Certifying Board of the American Association of Medical Assistants (AAMA)	Certified Medical Assistant
American Board of Electroencephalongraphic (EEG) Technologists/CAAHEP-COA	EEG Technologists (R. EEG T)
University of Maryland, Baltimore County (UMBC) Emergency Health Services	Critical Care Paramedic (CCEMT-P) Pediatric & Neonatal Critical Care Transport Program (PNCCT)
Board for Critical Care Transport Paramedic Certification (BCCTPC)	Critical Care Paramedic - Certified (CCP-C) Tactical Paramedic - Certified (TP-C)
International Board of Specialty Certification (IBSC)	Certified Flight Paramedic (FP-C)
National Society of Health Coaches	Health Care Life Coach
The National Board of Diving and Hyperbaric Medical Technology	Hyperbaric Technologist Certification (CHT)
Board of Nephrology Examiners Nursing and Technology	Certified Hemodialysis Technologist/Technician

5. Career Field Education and Training Requirements/Opportunities.

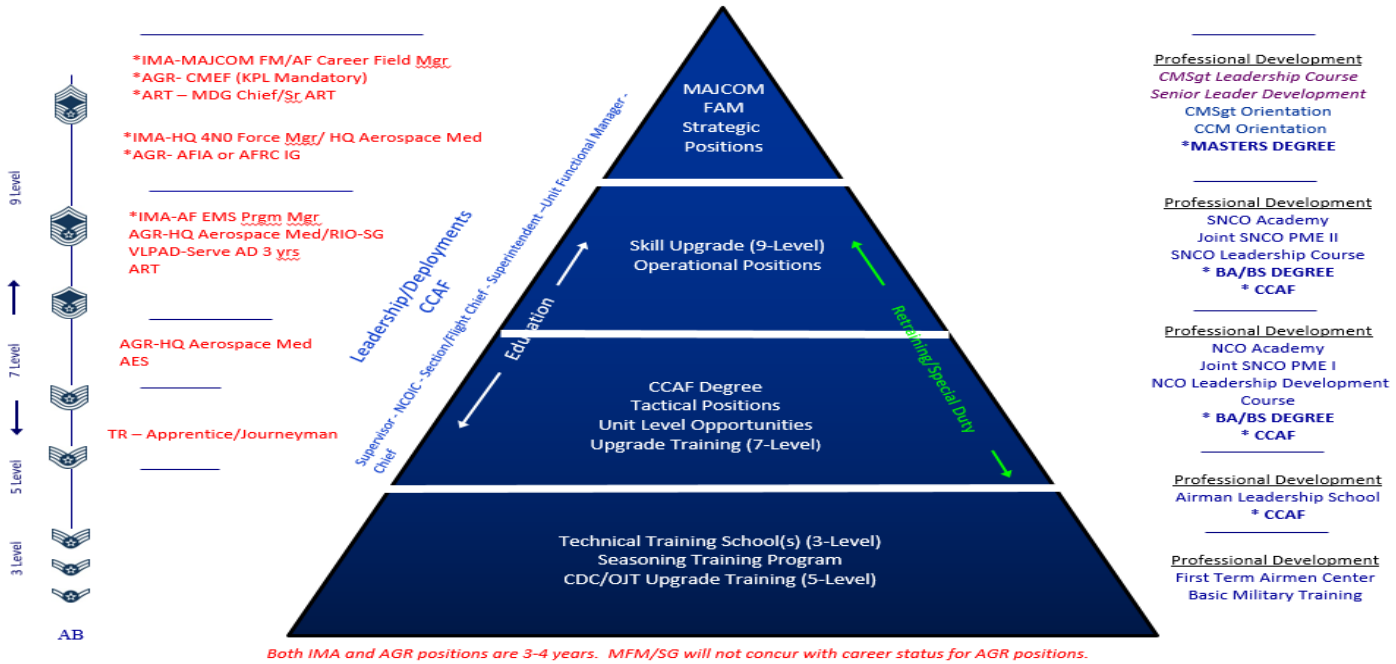
Education and Training Requirements	Rank	Careerfield Opportunities
Upgrade to Journeyman (5-Skill Level) • Certified in all STS Core Tasks • Minimum NREMT • Tactical Combat Casualty Course-Combat Medic or Medical Provider • Complete all duty position training • QTPs for assigned position	A1C/SrA	• Flight & Operational Medicine Technician (FOMT) • Independent Duty Medical Technician (IDMT) • Aeromedical Evacuation Technician (AET) • Hyperbaric Technician (HBMT) • Neurodiagnostic Technologist (NDT) • Allergy/ Immunization Technician (A/I) • Squadron Medical Element (SME) • National Registered Paramedic (NRP) • Critical Care Technician • License Practical Nurse/License Vocational Nurse
Upgrade to Craftsman (7-Skill Level) • Minimum NREMT certification • QTPs for assigned position • Complete all duty position training requirements	SSgt/TSgt	• Medical Development NCO • Special Operations Command Medic • Aeromedical Consultation Service • Technical Training Instructor • Phase II Training Instructor
Flight/Squadron/Division Superintendent Senior 4N0	MSgt	• International Health Specialist (IHS) • Key Development/Leadership Positions
Upgrade to Superintendent (9-Skill Level) • NREMT certification	SMSgt	• Squadron Superintendent • Key Development/Leadership Positions • MAJCOM Functional Manager
Chief Enlisted Manager (CEM) (4N000) • CLC	CMSgt	• MAJCOM level assignments • MAJCOM Functional Manager • Medical Group Superintendent • Air Force Career Field Manager (AFCFM)

Enlisted Career Pyramid



(Figure 5-1)

Reserve Career Pyramid



(Figure 5-2)

SECTION C – SKILL LEVEL TRAINING REQUIREMENTS

1. Purpose. Skill level training requirements in this specialty are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Sections A and B of this CFETP.

2. Specialty Qualification.
2.1. Skill Level Training.
2.1.1. Specialty Qualification.

2.1.1.1. Knowledge. The following knowledge is mandatory for award of AFSC indicated:
2.1.1.1.1. 4N0X1/X. Medical terminology, anatomy and physiology; nursing theory, techniques and procedures; nursing assessment; team nursing; patient needs; emergency medical treatment to include cardiopulmonary resuscitation; aseptic technique; medical ethics and legal aspects; prescribed drugs/immunizations and their administration; population health concepts; operating and maintaining therapeutic equipment; transportation of sick and wounded; risk management; military hygiene and sanitation; fundamentals of primary care management (PCM); preventive medicine and counseling techniques; physical examinations and standards, contingency operations, disaster preparedness and chemical warfare; flight physiology fundamentals; maintenance of the human weapon system; and operational readiness of the war fighter.
2.1.1.1.2. 4N0X1B. Neurological patient examination, treatment, and diagnostic procedures; -operation and user maintenance of electroencephalographic, electromyographic, and other neurodiagnostic equipment.
2.1.1.1.3. 4N0X1C. Medical, dental, and emergency treatment; disorders; advanced cardiac and disease management; epidemiology; and entomology. Pharmacy, laboratory, bioenvironmental, immunizations, public health, medical logistics, and medical administration.
2.1.1.1.4. 4N0X1D. Immunotherapy injection, immediate and delayed skin testing, mixing and diluting of allergen extracts, spirometry, vaccine storage and handling procedures; disease prevention through vaccinations.
2.1.1.1.5. 4N0X1F. Physical examinations procedures, aircrew medical waivers, medical standards, and duty limiting conditions.
2.1.1.2. Education. For entry into this specialty, member must meet initial accession requirements as annotated in AFI 36-2002. Courses in general science, biology, psychology, and chemistry is desirable.
2.1.1.3. Training. The following training is mandatory for the award of the AFSC indicated:
2.1.1.3.1. 4N031. Completion of Aerospace Medical Service Apprentice (AMSA) Course Phases I and II.
2.1.1.3.2. 4N0X1B. Completion of a neurodiagnostic technician course, current NREMT certification is mandatory.
2.1.1.3.3. 4N0X1C. Completion of Independent Duty Medical Technician Course and initial certification at the host medical treatment facility is mandatory.
2.1.1.3.4. 4N0X1D. Completion of Allergy/Immunology Technician Course.

2.1.1.3.5. 4N0X1F. Completion of Flight and Operational Medical Technician course.

2.1.1.4. Experience. The following experience is mandatory for the award of AFSC indicated:
2.1.1.4.1. 4N051/4N051X. Qualification in and possession of AFSC 4N031/31X. Experience performing functions such as care and treatment of patients, operating and maintaining therapeutic equipment.

2.1.1.4.2. 4N071/4N071X. Qualification in and possession of AFSC 4N051/51X/1X. Experience performing or supervising functions such as nursing activities; care and treatment of patients; operating and maintaining therapeutic equipment; and conducting paraprofessional portions of physical examinations.
2.1.1.4.3. 4N091. Qualification in and possession of AFSC 4N071/71X. Experience managing functions such as medical and related patient care and administrative activities.

2.1.1.5. Other. The following are mandatory as indicated:

2.1.1.5.1.1. AFSCs 4N0X1/X1X:

2.1.1.5.1.2. No record of emotional instability according to the provisions of AFI 48-123.

2.1.1.5.1.3. See attachment 4 of the (AFECD) for additional other entry requirements.

2.1.1.5.1.4. Certification from the National Registry of Emergency Medical Technicians (NREMT) as an emergency medical technician is mandatory. After initial certification, continued certification is mandatory. **NOTE: Individuals who possess Nationally Registry Paramedic certification exceed the NREMT requirement and are not required to also maintain a NREMT certification.**

2.1.1.5.2. For award and retention of these AFSCs, must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.

2.1.1.5.3. For award of AFSCs 4N051/51X/4N071/71X/4N091/91X:

2.1.1.5.3.1. Must pass the National Council Licensure Examination in Practical Nursing (NCLEX-PN) and maintain Practical Nursing (LPN/LVN) credential with unrestricted practice (excludes temporary restrictions) IAW AFI 44-119, Medical Quality Operations.

2.1.1.5.3.1.2. Applicable NLT dates for credential is contained in AF/SG1E- Practical Nurse (LPN/LVN) Credential Interim Policy memo. (**ref 16 May 19 memo**)
https://kx.health.mil/kj/kx3/AerospaceMedicalServiceCFM/Training%20and%20Development/Forms/AllItems.aspx

2.1.1.5.3.1.3. Exception- Airmen with an approved separation or retirement date as of the LPN/LVN requirement date are not required (but highly encouraged) to complete the LPN credential.

2.1.1.5.4. For entry into 4N0X1B, prior qualification in and possession of PAFSC 4N051/71.

2.1.1.5.4.1. For award and retention of the AFSC 4N051B, certification as a Registered Electroencephalographic Technologist (R. EEG T.) or other professional recognized national certification a registration examination within the NDT field must be accomplished within one year of graduation from the NDT Program.

2.1.1.5.4.2. After initial certification, continued certification is mandatory while assigned duties as a NDT.

2.1.1.5.5. For entry, award, and retention of 4N0X1C, the following are mandatory:

2.1.1.5.5.1. Prior qualification in and possession of PAFSC 4N031/51/71.

2.1.1.5.5.2. Qualification to perform duties at an isolated location according to the provisions of AFI 48-123 and Medical Standards Directory.

2.1.1.5.6. For entry into 4N0X1D, prior qualification in and possession of PAFSC 4N031/51/71.

2.1.1.5.7. For entry into 4N0X1F, prior qualification in and possession of PAFSC 4N031/51/71.

2.2. Training Sources/Resources. Completion of the AMSA Phase I course, which is to include NREMT certification training and testing, at JBSA, Fort Sam Houston, TX, and the Aerospace Medical Service Apprentice Phase II course satisfies the knowledge and training requirements specified in para 2.1.1.1.1., for award of the 3-skill level.

2.3. Implementation. After 3-skill level graduation, job qualification training starts when individuals are assigned to their first duty positions. Thereafter, it is initiated anytime individuals are assigned duties they are not qualified to perform. QTPs will be used concurrently to obtain necessary duty position qualifications. QTPs are Air Force publications that have been developed and are mandatory for use during upgrade/qualification

training when available for a duty position, program, or piece of equipment.

2.4. Medical Modeling and Simulation (MM&S) Training

2.4.1. MM&S is an important tool to develop and maintain technical skills, enhance communication and refine critical thinking skills as a component of the overall Education and Training (E&T) program. The Air Force Medical Modeling and Simulation Training (AFMMAST) Program has been designated as the Center of Excellence for MM&S and has oversight of all MM&S training throughout the AFMS. AFMMAST supports process improvement and research initiatives related to MM&S, and works with SMEs to align E&T requirements and objectives within standardized MM&S scenarios to improve the efficiency and effectiveness of MM&S across the E&T continuum. AFMMAST is co-located with DoD (tri-service) and DHA J-7 in the Defense Medical Modeling and Simulation Office (DMMSO).

2.4.2. MM&S is a broad concept that encompasses advanced information technology solutions and diverse teaching modalities including a distributed human patient simulator network of high & low fidelity manikins, human simulator task trainers, serious medical games, integration of augmented reality/virtual reality/mixed reality, and standardized patients. To address the specific training needs of a learning objective, the optimal MM&S tool(s) must be selected. AFMMAST experts assist and mentor AFMS personnel in selecting the best MM&S tool or combination of tools that meet the requirement within any budgetary, equipment, and infrastructure constraints. AFMMAST can provide any MM&S operations, logistical, IT, curricula, and data analysis support or guidance needed.

SECTION D – RESOURCE CONSTRAINTS

1. There are currently no resource constraints. This area is reserved.

SECTION E – TRANSITIONAL TRAINING GUIDE

1. LPN Pathway. Resources can be found on link below to include 4N App (Apple iOS and Android devices)

https://kx.health.mil/kj/kx3/AerospaceMedicalServiceCFM/Documents/LPN%20Dpcuments/LPN%20Program%20Guide%202019%20with%20embeded%20files.xlsx

PART II

SECTION A – SPECIALTY TRAINING STANDARD (STS) FOR AFSC 4N0X1/X AND APPLICABLE SHRED OUT/SEI

1. Implementation. This STS will be used for Aerospace Medical Service Apprentice technical training provided by METC for classes beginning no earlier than October 2020. The 4N051A CDC need date (date the CDC should be available to the field) is March 2021; 4N051B CDC need date is July 2021. The 4N071 CDC need date is 1 Jan 2021. All other portions are effective immediately upon publication.

2. Purpose. As prescribed in AFI 36-2651, *Air Force Training Program*, this STS:

2.1. In Column 1 (Task, Knowledge, and Technical Reference) lists the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill level.

2.2. In Column 2 (Core Tasks) identifies the core task requirements. Core task requirements are met after individuals successfully complete the appropriate upgrade training for their skill level, the 3-skill level course (Aerospace Medical Service Apprentice Course), the entire 4N051 CDCs and the entire 4N071 CDC.

2.3. In Column 3, is used to record completion of tasks and knowledge training requirements as is the certification for OJT. Use the automated electronic training record to document technician qualifications.

2.4. In Column 4, shows formal training, correspondence course, and QTP requirements. It also shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task and knowledge and the career knowledge provided by the correspondence course. For a list of QTP volume numbers and titles, refer to Part II Section C.

2.5. Proficiency Code Key/Qualitative Requirements precede the specific STS listings and contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

2.5.1. The STS serves as a JQS for OJT when placed in AF Form 623, Individual Training Record Folder, and used according to AFI 36-2651. When used as a JQS, the following requirements apply:

2.5.1.2. Documentation. Document and certify completion of training in accordance with AFI 36-2651. Identify duty position requirements by circling the subparagraph number next to the task statement. As a minimum, complete the following columns in Part 2 of the CFETP: Start Date, Training Completed, Trainee Initials, Certifier Initials (if applicable). An AFJQS may be used in lieu of Part II of the CFETP only upon approval of the AFCFM. **NOTE:** The AFCFM may supplement these minimum documentation procedures as needed or deemed necessary for their career field.

2.5.2. Transcribing to new CFETP. Transcribing documentation to a new CFETP is an administrative function, not a re-evaluation of training. Upon publication of a new CFETP, transcribe IAW AFI 36-2651.

2.5.2.1. For tasks previously certified and still required in the current duty position, enter the current date in the completion column, trainee initials in the trainee column, and the current tasks certifier or supervisor/trainer initials in the trainer column.

2.5.2.2. For tasks previously certified but not required in the current duty position, transcribe only the previous certification dates (no initials). If the task later becomes required in the duty position, recertify using current dates and initials.

2.5.2.3. Annotate the AF Form 623a, (for example, - I certify the information contained in the CFETP dated XX was transcribed to the CFETP dated XX, and the trainee was given the superseded CFETP. Signed and dated by the supervisor and trainee).

2.5.3. Documenting Career Knowledge. When a CDC is not available, the supervisor identifies STS training references the trainee requires for career knowledge and ensures, at a minimum, the trainees cover mandatory items in the Enlisted Classification Directory. For two-time CDC course exam failures, See AFI 36-2651, *Air Force Training Program*, for specific instructions. **Note:** Career knowledge must be documented prior to

submitting a CDC waiver.

2.5.4. Decertification. When an Airman is found to unqualified on a task previously certified for his or her position, the supervisor utilizes the decertification feature found in TFTR. Then appropriate remarks are entered on the AF Form 623a, documenting the reason for decertification. See AFI 36-2651 for specific instructions.

2.5.5. Training Standard. Trainees are trained, evaluated, and certified to the go/no-go level. Go means the individual can perform the task without assistance and meets requirements for accuracy, timeliness, and correct use of procedures. Supervisors and superintendents will manage this process by assessing 4N0X1 qualifications.

2.5.5.1. Trainers must be recommended by their supervisors, qualified to perform the task being trained and have completed the Air Force Training Course.

2.5.5.2. Certifiers must be at least a Staff Sergeant, capable of evaluating the task being certified, be someone other than the trainer, and complete the Air Force Training Course. Possession of at least a 7-skill level is desired, but not required.

2.6. The Training Standard is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests are developed at the USAF Occupational Measurement Squadron by SNCOs with extensive practical experience in their career fields. Questions are based upon study references listed in the Enlisted Promotions References and Requirements Catalog. WAPS is only applicable to AD forces.

3. Recommendations. Identify inadequacies and recommend changes to this training standard through channels at 59 TRG/TGE, 2931 Harney, JBSA, Fort Sam Houston, TX 78234. A Customer Service Information Line (CSIL) is available for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this specialty training standard. For quick responses to problems, call our CSIL, DSN 420-1080 (commercial 210-808-1080) or email usaf.jbsa.937-trg.list.937-trg-tge@mail.mil to report your findings.

Attachments (13)

1. Qualitative requirements
2. STS: Aerospace Medical Service (4N0X1/SEI 480)
3. STS: Squadron Medical Element
4. STS: Allergy/Immunization (4N0X1D)
5. STS: Hemodialysis (SEI 486)
6. STS: Critical Care Technician (SEI 487)
7. STS: Hyperbaric Medical Technician (SEI 490)
8. STS: Aeromedical Evacuation (X4N0X1X/SEI 494)
9. STS: Neurodiagnostic Technologist (4N0X1B)
10. STS: Independent Duty Medical Technician (4N0X1C/SEI 496)
11. STS: Special Operations Command Medic (SEI 455)
12. STS: Flight and Operational Medical Technician (4N0X1F/SEI 470)
13. STS: Nationally Registry Paramedic (SEI 456)

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

DOROTHY A. HOGG

Lieutenant General, USAF, NC Surgeon General

ATTACHMENT 1
STS 4N0X1/X

Name Of Trainee		
Printed Name (*Last, First, Middle Initial*)	Initials (Written)	SSAN (Last 4)
Printed Name Of Trainer, Certifying Official And Written Initials		
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	**IS EXTREMELY LIMITED** (Can do simple parts of the task. Needs to be told or shown how to do most of the task.)
	2	**IS PARTIALLY PROFICIENT** (Can do most parts of the task. Needs only help on hardest parts.)
	3	**IS COMPETENT** (Can do all parts of the task. Needs only a spot check of completed work.)
	4	**IS HIGHLY PROFICIENT** (Can do the complete task quickly and accurately. Can tell or show others how to do the task.)
Task Knowledge Levels	a	**KNOWS NOMENCLATURE** (Can name parts, tools, and simple facts about the task.)
	b	**KNOWS PROCEDURES** (Can determine step by step procedures for doing the task.)
	c	**KNOWS OPERATING PRINCIPLES** (Can identify why and when the task must be done and why each step is needed.)
	d	**KNOWS ADVANCED THEORY** (Can predict, isolate, and resolve problems about the task.)
Subject Knowledge Levels	A	**KNOWS FACTS** (Can identify basic facts and terms about the subject.)
	B	**KNOWS PRINCIPLES** (Can identify relationship of basic facts and state general principles about the subject.)
	C	**KNOWS ANALYSIS** (Can analyze facts and principles and draw conclusions about the subject.)
	D	**KNOWS EVALUATION** (Can evaluate conditions and make proper decisions about the subject.)

Explanations
A **task knowledg**e scale value may be used alone or with a **task performance scale value** to define a level of knowledge for a specific task. (Examples: a and 1a, b and 2b, or c and 3c)

A **subject knowledge scale value** is always used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC.

X This mark is used alone in the course columns to show that training is required but not given due to limitations in resources.

/x This mark is used with a proficiency code in the course columns to show that training is required but not given due to limitations in resources.

ATTACHMENT 2
Aerospace Medical Service (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2. AEROSPACE MEDICAL SERVICE										
2.1. Doctrine, Mission, & Duties										
2.1.1. Medical doctrine TR: ANNEX 4-02 Medical Operations, https://www.doctrine.af.mil/Doctrine-Annexes/Annex-4-02-Medical-Ops/										
2.1.1.1. Center for Clinical Inquiry (C2I)/Evidence Based Practice (EBP) TR:https://kx.health.mil/kj/kx2/CenterForClinicalInquiry/Pages/Best-Practice-BLAST.aspx							B			
2.1.2. Medical Readiness										
TR: (DoDI) 1322.24, Medical Readiness Training/AFI 41-106, Medical Readiness Program Management/AFI 10-301, Managing Operational Utilization Requirements of the Air Reserve Component Forces										
2.1.2.1. Expeditionary Medical Readiness Course (EMRC)										
2.1.2.2. Obtain/Maintain Tactical Combat Casualty Course (TCCC) (Medical Provider (MP)/Combat Medic) NOTE: TCCC certifications listed in part 1 of this CFETP meet requirements.							3c			
2.1.2.3. Air Reserve Component roles and relationships										
2.1.2.4. Medical Readiness Decision Support System (MRDSS)										
2.1.3. AFSC Scope of Practice/Responsibilities TR: CFETP Pt 1/AFI 36-2651, Air Force Training Program										
2.1.3.1. 4N031							A			
2.1.3.2. 4N051							A			
2.1.3.3. 4N071							A			
2.1.3.4. 4N091							A			
2.1.3.5. 4N000							A			
2.2 INTERPERSONAL RELATIONS										
TR: Mosby's Essentials for Nursing Assistants, Kinn's The Medical Assistant										
2.2.1. AFMS Customer Service										
2.2.1.1. Customer needs and expectations							B			
2.2.1.2. Customer Service Basics										
2.2.1.2.1. Listening techniques							A			
2.2.1.2.2. Face-to-face contact (non-verbal communication)							A			
2.2.1.2.3. Telephone Etiquette							A			
2.2.1.2.4. Perform electronic communication (Netiquette)										
2.2.1.2.5. Patient Advocacy Program										
2.2.1.2.6. Conflict resolution							A	B		
2.2.1.2.7. Customer service surveys								B		
2.2.2. Professional Standards And Ethics										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.2.2.1. Standards of conduct for patient care							A	B		

ATTACHMENT 2

Aerospace Medical Service (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.2.2.2. Patient rights and responsibilities							A	B		
2.2.2.3. Death and dying							A	B		
2.2.2.4. Psychological First Aid							B			
2.2.3. Legal Aspects Of Patient Care										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.2.3.1. Health Insurance Portability Accountability Act (HIPAA) TR: AFI 41-200							B			
2.2.3.2. National Practitioner Databank (NPDB) TR: DoDM 6025.13, Encl 9, pgs 68-73							B	B		
2.2.3.3. Privacy Act TR: AFI 33-332							A			
2.2.3.4. Adverse Actions TR: DoDM 6025.13, Encl 7, pgs 52-62							B		B	
2.2.3.5. Consent for treatment							A	B		
2.2.3.6. Standards of care							A	B		
2.2.3.7. Documentation										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.2.3.7.1. Medical terminology and abbreviations							B			
2.2.3.7.2. Use of medical terms in reporting and recording	5						2b			
2.2.3.7.3. Legal aspects							B			
2.2.3.7.4. Document nursing assessments	5						2b	c		
2.2.3.7.5. Document interventions/procedures	5						2b	c		
2.2.3.7.6. Document patient education	5						2b	c		
2.2.3.8. Advanced Directives										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.2.3.8.1. “Do Not Resuscitate” (DNR) orders							A	B		
2.2.3.8.2. Living wills							A	B		
2.2.3.8.3. Durable power of attorney							A	B		
2.2.4. Professional Relationships										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.2.4.1. Staff							B			
2.2.4.2. Patient							B			
2.2.4.3. Stress management							B			
2.2.4.4. Patient sensitivity							B			

1. Tasks, Knowledge and Technical References2	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.2.4.5. Emotional support for patient and significant others							B			
2.2.4.6. Diversity (cultural, spiritual, religious)							B			
2.3. MILITARY HEALTH SYSTEM (MHS) TR: AFI 41-210										
2.3.1. Components of MHS TR: https://www.health.mil/								B		
2.3.2. Health care benefits options TR: AFMAN 41-210								B		
2.3.3. Patient Centered Medical Home (PCMH)										
TR: AFI 44-171, Air Force Medical Home, AFMRA AFMH Orientation Checklist										
(http://www.usafp.org/wp-content/uploads/2013/12/MHSPCMHGuide.pdf)										
2.3.3.1. Concepts of AFMH Operations										
2.3.3.2. Purpose and Core Principles										
2.3.3.3. MHS Quadruple Aim Goals										
2.3.3.4. Team Member Roles/Responsibilities										
2.3.3.4.1. Health Care Provider										
2.3.3.4.2. Nurse										
2.3.3.4.3. Medical Technician										
2.3.3.4.4. Admin Support										
2.3.3.4.5. Team Huddles										
2.3.3.4.5.1. Weekly										
2.3.3.4.5.2 Daily										
2.3.3.4.6. MHPI Performance Measures										
2.3.4. Information Systems										
TR: AFI 44-102, AFMAN 41-210; KX										
2.3.4.1. Overview of information systems							A	B		
2.3.4.2. Electronic Health Record							A	B		
2.3.4.2.1. Perform Order Entry (Radiology/Laboratory)										
2.3.4.3. Appointment Scheduling										
2.3.4.4. Tri-Service Workflow Forms (TSWF) TR: www.tswf-mhs.com							A	B		
2.3.4.5. Outpatient Coding								B		
2.3.4.6. CarePoint TR: https://carepoint.health.mil/								B		
2.3.4.7. Knowledge Exchange (Kx) TR: kx.health.mil										

ATTACHMENT 2
Aerospace Medical Service (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.3.4.8. Utilize Deployable Medical Record System										
2.3.4.9. Utilize TRANSCOM Command and Control Evacuation System (TRAC2ES)										
2.3.5. USAF Aeromedical Services Information Management System (ASIMS) TR: AFIs 10-250, 48-110; AFMAN 41-210										
2.3.5.1 Individual Medical Readiness (IMR)							A	B	B	
2.3.5.2. Immunizations							A	B	B	
2.3.5.3. Quarters							A	B	B	
2.4. Understand Population Health Management Principles (Continuum of Care)										
TR: A Guide to Population Health; Medical Management Guide										
2.4.1. Case Management								A		
2.4.2. Disease Management								A		
2.4.3. Utilization Management								A		
2.4.4. Referral Management								A		
2.4.5. Health Care Integrator (HCI)								A		
2.5. RESOURCE MANAGEMENT										
2.5.1. Defense Medical Human Resource System internet (DMHRSi) TR: AFI 41-102								A		
2.5.2. Manpower Considerations and Documents										
TR: AFIs 36-2110, 38-101; Personnel System Management MilPDS PSD Guide, https://mypers.af.mil/app/answers/detail/a_id/26564										
2.5.2.1. Unit Manpower Document (UMD)								A	B	
2.5.2.2. Authorization change request (ACR)/authorization change notice (ACN)								A	B	
2.5.2.3. Unit personnel management roster (UPMR) TR: https://mypers.af.mil/app/answers/detail/a_id/26564								A	B	
2.5.2.4. Manning assistance								A	B	
2.5.2.5. Manpower Validation Process (MVP)/Overseas Contingency Operations (OCO)								A	B	
2.5.3. Equipment/Supply TR: AFMANs 41-209, 41-216, 23-122; Kinn's The Medical Assistant										
2.5.3.1. Budget development and management								A	B	
2.5.3.2. Perform daily inventory and equipment checks (e.g. crash carts, ambulance, treatment room etc)	5						2b			
2.5.3.3. Accountability and responsibility								B		
2.5.3.4. Report of survey								A	B	
2.5.4. Records TR: AFMAN 41-109, 23-122, 41-216										
2.5.4.1. Activity issue/turn-in								A		
2.5.4.2. Backorder report								A		
1. Tasks, Knowledge and Technical References	**2. Tasks**	**3. Certification For OJT**								

							4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.5.4.3. Custody Receipt Locator List (CRLL) actions/custodial report listing								A		
2.5.4.4. Equipment authorization list (allowance standard)									B	
2.5.4.5. Inventory										
2.5.4.6. Ordering and Turn-in										
2.5.4.7. Equipment replacement plan									B	
2.5.4.8. Defense Medical Logistics Supply System (DMLSS)										
2.5.5. Maintenance										
2.5.5.1. Operator responsibilities								A	B	
2.5.5.2. Reports								A	B	
2.5.5.2.3. Repair/calibration requests								A	B	
2.5.5.2.4. Tag In /Tag Out Process								A		
2.6. SAFETY/RESOURCE PROTECTION TR: AFIs 90-802, 90-821, 91-202, 91-204										
2.6.1. Principles of general safety							B			
2.6.2. Workplace hazards										
2.6.3. Hazard/accident/incident reporting							A			
2.6.4. Hazard Communication (HAZCOM)							A			
2.6.5. Safety Data Sheets (SDS)							A	A	B	
2.6.7. AF Form 55								A		
2.7. SUPERVISION TR: Unit Requirements, CFETP, AFH 36-2618, AFI 1-1										
2.7.1.Personnel Requirements										
2.7.1.1. Daily Operations								A	B	
2.7.1.2. Set priorities								A	B	
2.7.1.3. Develop duty schedule								A	B	
2.7.1.4. Work Center Orientation								A	B	
2.7.2. Position Descriptions								A	B	
2.7.3. Performance Standards								A	B	
2.8. TRAINING TR AFI 44-119, AFI 36-2651										
2.8.1. Enlisted Specialty Training TR: CFETP 4N0X1X										
2.8.1.1. Career Field Education and Training Plan (CFETP), Part I & Part II STS (i.e. scope of practice) overview							A	B		
2.8.2. Maintain electronic training record documentation	5							b		

ATTACHMENT 2
Aerospace Medical Service (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.8.2.1. Components of Electronic Training Record	7							b	c	
2.8.3. Identify personnel training needs								a	b	
2.8.4. Develop and present in-service training								a	b	
2.8.5. Develop unit training program										
2.8.5.1. Master Training Plan	7							b	c	
2.8.5.2. Master Task List	7							b	c	
2.8.5.3. Duty Task List	7							b	c	
2.8.5.4. Evaluate personnel in upgrade training	7							b	c	
2.8.6. Evaluate training effectiveness										
2.8.6.1. Task knowledge	7							b	c	
2.8.6.2. Task proficiency	7							b	c	
2.8.7. Recommend personnel for Training										
2.8.7.1. Retraining opportunities	7							b	c	
2.8.7.2. Formal training	7							b	c	
2.9. Human Anatomy and Physiology 101										
TR: Fundamental Concepts and Skills for Nursing; Hole's Human Anatomy and Physiology										
2.9.1. Human Anatomy										
2.9.1.1. Descriptive terms and topographic anatomy							B	B		
2.9.1.2. Major organs and systems							B	B		
2.9.2. Human Physiology										
2.9.2.1. Fluid, electrolyte, and acid-base balance							B	B		
2.9.2.2. Functions and adaptations of cells and tissues							B	B		
2.9.2.3. Thermal regulation							B	B		
2.9.2.4. Metabolism/energy production							B	B		
2.9.2.5. Oxygenation and circulation							B	B		
2.9.2.6. Nutrition and elimination							B	B		
2.9.2.7. Activity and rest							B	B		
2.9.2.8. Protection and regulation							B	B		
2.9.2.9. Reproduction							B	B		
2.9.2.10. Human growth, development, and the aging process							B	B		

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.10. HUMAN DEVELOPMENT										
TR: Fundamental Concepts and Skills for Nursing; Fundamentals of Nursing; Mosby's Essentials for Nursing Assistants										
2.10.1. Basic human needs theory							B	B		
2.10.2. Personal hygiene							B	B		
2.10.3. Environmental/community health							B	B		
2.10.4. Nutrition and exercise							B	B		
2.10.5. Psychological adjustments/mental health							B	B		
2.10.6. Substance abuse							B	B		
2.10.7. Body defenses and healing processes							B	B		
2.11. NURSING 101										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing; AFI 44-108 Infection Prevention										
2.11.1. Infection Control							B	C		
2.11.1.1. Body substance isolation							B	C		
2.11.1.2. Asepsis							B	C		
2.11.1.3. Sterility of supplies/equipment							B	C		
2.11.2. Communicable Disease Management TR: Control of Communicable Disease Manual										
2.11.2.1. Infectious hazards reporting procedures							B			
2.11.2.2. Infectious processes; modes of transmission							B			
2.11.3. Procedures										
TR: Clinical Nursing Skills: Basic to Advanced Skills; Fundamental Concepts and Skills for Nursing; Surgical Technology Principles and Practice										
2.11.3.1. Perform hand-washing	5						3c			
2.11.3.2. Don/doff sterile gloves	5						3c			
2.11.3.3. Don/doff non-sterile gloves							2b			
2.11.3.4. Don/doff sterile gown	5						3c			
2.11.3.5. Don/doff non-sterile gown							2b			
2.11.3.6. Set-up/maintain sterile field							3c			
2.11.3.7. Prepare supplies/equipment for sterilization							2b	c		
2.11.3.8. Perform sterilization procedures							a	b		
2.11.3.9. Perform High Level Disinfection (HLD) procedures							a	b		
2.11.3.10. Dispose of contaminated materials							2b	c		

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.11.3.11. Clean patient unit							b	c		
2.11.3.12 Perform isolation precautions							2b	c		
2.11.3.13. Perform housekeeping duties										
2.11.4. Measure And Record Patient Parameters										
TR: Basic to Advanced Skills; Fundamental Concepts and Skills for Nursing;										
2.11.4.1. Record Temperature							3c			
2.11.4.2. Assess Pulse rate							3c			
2.11.4.3. Assess Respiratory rate							3c			
2.11.4.4. Assess Skin characteristics							3c			
2.11.4.5. Blood pressure										
2.11.4.5.1. Perform Auscultation							3c			
2.11.4.5.2 Perform Palpation							3c			
2.11.4.6. Assess Pain scale							3c			
2.11.4.7. Perform Height (standing) and weight							3c			
2.11.4.8. Perform Orthostatic vital signs							b	c		
2.11.4.9. Perform Neuro checks							2b	c		
2.11.4.10. Perform Pulse oximetry/oxygen saturation							2b	c		
2.11.4.11. Perform Intake and output							2b	c		
2.11.4.12. Record Body/abdominal girth/circumference								b		
2.11.4.13. Perform Spirometry/Pulmonary Function Testing								b		
2.11.4.14. Perform 12-lead EKG							2b	c		
2.11.4.15. Perform Peak expiratory flow							2b			
2.11.4.16. Perform Visual acuity test							2b	c		
2.11.5. Assist With Specimen Collection										
TR: Basic to Advanced Skills, Fundamental Concepts and Skills For Nursing										
2.11.5.1. Cerebral Spinal Fluid (CSF)								b		
2.11.5.2. Cytology								b		
2.11.5.3. Prepare requisitions for tests/procedures										
2.11.5.3.1. Collect And Label										
2.11.5.3.1.1. Emesis								b		

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.11.5.3.1.2. Urine								b		
2.11.5.3.1.3. Sputum								b		
2.11.5.3.1.4. Stool								b		
2.11.5.3.1.5. Drainage								b		
2.11.5.3.2. Perform and Label										
2.11.5.3.2.1. Venipuncture	5						2b	c		
2.11.5.3.2.2. Throat Swab	5						2b	c		
2.11.5.3.2.3. Strain urine for calculi							-	b		
2.11.5.3.2.4. Urine Reagent Stick							-	c		
2.11.5.3.2.5. Capillary Stick	5						2b	c		
2.11.5.3.2.6. Use blood glucose meter							2b	c		
2.11.5.3.2.7. Pregnancy Test										
2.11.5.3.2.8. Nasal Swab										
2.11.5.3.2.9. Nasal Wash and Irrigation										
2.11.5.3.2.10. Blood Cultures										
2.12. PHARMACOLOGY										
2.12.1. Calculations										
TR: Fundamentals of Nursing										
2.12.2 Metric System							B			
2.12.3. Medical Calculations										
2.12.3.1. Perform metric conversions	5						2b			
2.12.3.2. Calculate weights and measures	5						2b			
2.12.4. Medication and Fluid Therapy										
TR: Fundamental Concepts and Skills for Nursing; Fundamentals of Nursing; Mosby's Essentials for Nursing Assistants										
2.12.4.1. Safety factors in administration of medications and fluid therapy							B	B		
2.12.4.2. Pharmacological abbreviations							B	B		
2.12.4.3. Medication Reconciliation							B	B		
2.12.4.4. Authorized Drug List (ADL) TR: Kx (https://kx.health.mil): ED & Trng Documents/4N_MedAdmin folder							B	B		
2.12.5. Administer Medications/Medication Actions, Side Effects, and Guidelines For Administration										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott's Physician's Drug Book, Mosby's Essentials for Nursing Assistants										

ATTACHMENT 2
Aerospace Medical Service (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.12.5.1. Anesthetic-local							2b			
2.12.5.2. Antacids/Antiflatulents							2b			
2.12.5.3. Anticholinergics							2b			
2.12.5.4. Anticoagulants							2b			
2.12.5.5. Antidiabetics							2b			
2.12.5.6. Antidiarrheals							2b			
2.12.5.7. Antiarrhythmics							2b			
2.12.5.8. Antiemetics							2b			
2.12.5.9. Antiinfectives							2b			
2.12.5.10. Antifungals							2b			
2.12.5.11. Antihistamines							2b			
2.12.5.12. Antihypertensive							2b			
2.12.5.13. Antimigraine Agents							2b			
2.12.5.14. Antineoplastic							2b			
2.12.5.15. Hormone Contraceptives							2b			
2.12.5.16. Antipsychotics							2b			
2.12.5.17. Antitoxins and Antivenins							2b			
2.12.5.18. Antitussives/expectorants							2b			
2.12.5.19. Antivirals							2b			
2.12.5.20. Benzodiazepines							2b			
2.12.5.21. Bronchodilators							2b			
2.12.5.22. Cholinergics							2b			
2.12.5.23. Corticosteroids							2b			
2.12.5.24. Diuretics							2b			
2.12.5.25. Immune Serums							2b			
2.12.5.26. Laxatives							2b			
2.12.5.27. Nonopioid Analgesics							2b			
2.12.5.28. Nonsteriod anti-inflammatories							2b			
2.12.5.29. Opioid Analgesics							2b			
2.12.5.30. Opioid antagonists							2b			

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.12.5.31. Salicylates							2b			
2.12.5.32. Vaccines and Toxoids							2b			
2.12.5.33. Vitamins							2b			
2.12.6. Medication Administration										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Mosby's Drug Reference										
2.12.6.1. Patient's Rights in Medication Administration	5						2b			
2.12.6.2. Document medication administration and fluid therapy	5						2b			
2.12.6.3. Oral medication	5						2b			
2.12.6.4. Subcutaneous injection	5						2b			
2.12.6.5. Intramuscular injection	5						2b			
2.12.6.6. Intradermal injection							2b			
2.12.6.7. Agents in prefilled or Tubex syringes	5						2b			
2.12.6.8. Auto injector TR: Kinn's Medical Assistant							2b			
2.12.6.9. Rectal suppository							2b			
2.12.6.10. Vaginal suppository							2b			
2.12.6.11. Ophthalmic ointments and drops							2b			
2.12.6.12. Otic drops							2b			
2.12.6.13. Topical medication							2b			
2.12.6.14. Via updraft nebulizer							B			
2.12.6.15. Via prescribed inhaler							2b			
2.12.6.16. Intranasal medication							2b			
2.12.6.17. Intravenous medication	7						2b			
2.12.6.18. Sublingual medication							2b			
2.12.7. Administer Scheduled Medications (Schedule II-V)										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.12.7.1. Schedule II										
2.12.7.1.1. Oral administration	5						2b			
2.12.7.1.2. Intramuscular (IM)	5						2b			
2.12.7.1.3. Intravenous (IV)	5						2b			
2.12.7.1.4. Intraosseous (IO)	5						2b			

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.12.7.2. Schedule III										
2.12.7.2.1. Oral administration	7									
2.12.7.2.2. Intramuscular	7									
2.12.7.2.3. Intravenous	7									
2.12.7.2.4. Intraosseous	7									
2.12.7.3. Schedule IV										
2.12.7.3.1. Oral administration	7									
2.12.7.3.2. Intramuscular	7									
2.12.7.3.3. Intravenous	7									
2.12.7.3.4. Intraosseous	7									
2.12.7.4. Schedule V										
2.12.7.4.1. Oral administration	7									
2.12.7.4.2. Intramuscular	7									
2.12.7.4.3. Intravenous	7									
2.12.7.4.4. Intraosseous	7									
2.12.7.5. Intravenous Fluid and Blood Administration										
2.12.7.5.1. Blood Administration										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.12.7.5.1.1. Obtain blood/blood products from blood bank TR: Local Procedures							2b	a		
2.12.7.5.1.2. Set-up blood warmer and pump TR: User Manual							2b			
2.12.7.5.1.3.Monitor Patient for adverse reactions during blood transfusion							2b	a		
2.12.7.5.1.4. Demonstrate Administration of blood products to a trauma casualty in tactical field care TR: naemt.org, Joint Trauma System							2b	a		
2.12.7.5.1.5. Walking Blood Bank TR: naemt.org, Joint Trauma System							2b	a		
2.12.7.6. Parenteral Fluid Therapy										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.12.7.6.1. Set-up and Insert										
2.12.7.6.1.1. Intravenous fluid administration							2b			
2.12.7.6.1.2. Intraosseous fluid administration							2b			
2.12.7.6.1.3. Saline lock							2b			
2.12.7.6.2. Regulate and monitor										

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.12.7.6.2.1. Intravenous fluid administration							2b			
2.12.7.6.2.2. Intraosseous fluid administration							2b			
2.12.7.6.2.3. Saline lock							2b			
2.12.7.6.2.4. Apply arm board or restraints to secure infusion							2b			
2.12.7.6.2.5. Set-up and regulate infusion pumps/controllers							2b			
2.12.7.6.2.6. Calculate drip rates							2b			
2.12.7.6.2.7. Set-up and regulate infusion pressure bag							2b			
2.12.7.6.2.8. Change intravenous fluid bags/bottles							2b			
2.12.7.6.3. Discontinue										
2.12.7.6.3.1. Intravenous fluid administration							2b			
2.12.7.6.3.2. Intraosseous fluid administration										
2.12.7.6.3.3. Saline lock										
2.12.8. Patient Transfer Techniques										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.12.8.1. Principles of proper body mechanics							A	B		
2.12.8.2. Mechanical aids for lifting and moving							A	B		
2.12.8.3. Assist To And From										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.12.8.3.1. Bed							2b			
2.12.8.3.2. Wheelchair/chair							2b			
2.12.8.3.3. Bathtub/shower seat							2b			
2.12.8.3.4. Commode							2b			
2.12.8.3.5. Automobile (litter/gurney)										
2.12.8.3.6. Ambulance							2b			
2.12.8.3.7. Stair Chair							2b			
2.12.8.3.8. Stretcher/gurney							2b			
2.12.8.3.9. Examining table							2b			
2.12.8.3.10. Ambulate patients							2b			
2.12.8.3.11. Move patients on/off elevators in wheelchair/stretcher/beds							2b			
2.12.8.4. Prepare Patient Transfer With										

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.12.8.4.1. Monitoring system							2b			
2.12.8.4.2. Oxygen							2b			
2.12.8.4.3. Drainage system							2b			
2.12.8.4. Intravenous lines							2b			
2.12.8.5. Immobilization devices							a			
2.12.9. MEDICAL EXAMINATIONS/SPECIAL PROCEDURES										
2.12.9.1. Assemble Supplies and Equipment/Assist those authorized/licensed to perform the task										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice										
2.12.9.1.1. Chest tube insertion/water seal drainage	5						a			
2.12.9.1.2. Pelvic examination							a	b		
2.12.9.1.3 Paracentesis/thoracentesis								b		
2.12.9.1.4. Lumbar puncture								b		
2.12.9.1.5. Biopsy TR: Kinn's Medical Assistant							a	b		
2.12.9.1.6. Tympanometry								b		
2.12.9.1.7. Minor surgery							a	c		
2.12.9.1.8. Sigmoidoscopy, proctoscopy, and colonoscopy								b		
2.12.9.1.9. Bronchoscopy TR: Kinn's Medical Assistant								b		
2.12.9.1.10. Radial arterial blood gas (ABG) sample percutaneously	5									
2.12.9.1.11. Endotracheal intubation										
2.12.9.2. Perform										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice										
2.12.9.2.1. Perform basic physical examination	5						2b			
2.12.9.2.2. Incentive spirometer							a	b		
2.12.9.2.3. Sitz bath										
2.12.9.2.4. Diabetic foot exam							1a	b		
2.12.9.2.5. Endotracheal care								c		
2.12.9.2.6. Tracheostomy care								c		
2.12.9.2.7. Contact lens removal							a	b		
2.12.9.2.8. Fluorescein eye stain							a	b		
2.12.9.2.9. Ear irrigation	5						a	b		

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.12.9.2.10. Eye irrigation	5						a	b		
2.12.9.2.11. Tepid/sponge-bath for fever										
2.12.9.2.12. Skin Patch Testing										
2.12.9.2.13. Laser Therapy Treatment										
2.12.9.2.14. Photo Dynamic Therapy										
2.12.9.2.15. Perform Clinical Support Staff Protocol (CSSP)	5						2b			
2.12.9.2.16. Toenail Removal										
2.12.9.2.17. Battlefield Accupuncture										
2.12.9.3. Wound Management										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice										
2.12.9.3.1. Principles Of										
2.12.9.3.1.1. Complicated wounds							A	B		
2.12.9.3.2. Perform										
2.12.9.3.2.1. Wound evaluation							2b			
2.12.9.3.2.2. Burns evaluation (TBSA, Depth, etc.)							2b			
2.12.9.3.2.3. Wound irrigation/scrub							2b			
2.12.9.3.2.4. Wound debridement	5						2b			
2.12.9.3.2.5. Burn debridement	5						2b			
2.12.9.3.2.6. Subungual hematoma evacuation							2b			
2.12.9.3.2.7. Vacuum drainage system management							2b			
2.12.9.3.3. Administer Local Anesthetic Agents										
2.12.9.3.3.1. Topical								b		
2.12.9.3.3.2. Local infiltration								b		
2.12.9.3.3.3. Digital block								b		
2.12.9.3.4. Wound Closure and Care										
2.12.9.3.4.1. Apply Sterile tape strips	5						2b			
2.12.9.3.4.2. Perform Stapling	5						2b			
2.12.9.3.4.3. Perform Suturing	5						2b			
2.12.9.3.4.4. Apply Surgical glue	5						2b			
2.12.9.3.4.5. Suture and staple removal	5						2b			

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.12.9.3.5 Sterile Dressings Application and Change										
2.12.9.3.5.1. Apply Dry	5						2b			
2.12.9.3.5.2. Apply Wet-to-dry							1a	b		
2.12.9.3.5.3. Apply Wet-to-wet							1a	b		
2.12.9.3.5.3. Apply Wound packing	5						2b			
2.12.9.3.5.4. Apply Heat and cold treatments	5						2b			
2.13. CONSIDERATIONS FOR PATIENTS WITH ACCESS AND FUNCTIONAL NEEDS										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice										
2.13.1. Hazards of immobility							A	B		
2.13.2. Visually impaired							A	B		
2.13.3. Hearing impaired							A	B		
2.13.4. Diabetic							A	B		
2.13.5. Paralyzed							A	B		
2.13.6. Elderly							A	B		
2.13.7. Infant/child/adolescent							A	B		
2.13.8. Developmental Delays							A	B		
2.13.9. Post-Traumatic Stress (PTS)							A	B		
2.13.10. Cancer							A	B		
2.13.11. Seizure							A	B		
2.13.12. Amputees							A	B		
2.13.13. Unconscious							A	B		
2.13.14. Immunodeficiency disorder							A	B		
2.13.15. Dialysis							A	B		
2.13.16. Abusive/self-abusive							A	B		
2.13.17. Electrosensitive							A	B		
2.13.18. Traumatic Brain Injury (TBI)							A	B		
2.13.19. Non-English speaking							A	B		
2.13.20. Terminally ill							A	B		
2.13.21. Abused/neglected							A	B		
2.13.22. Sexual Assault							A	B		

ATTACHMENT 2
Aerospace Medical Service (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.13.23. Burns							A	B		
2.14. PRE-AND POST OPERATIVE CARE										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.14.1. Assist With										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.14.1.1. Checklists and instructions										
2.14.1.2. Universal Protocol Concept							A	B		
2.14.1.3. Anesthesia-related safety measures							b	c		
2.14.1.4. Post op exercises							b	c		
2.14.2. Perform										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing										
2.14.2.1.Time Out Procedures							2b			
2.14.2.2. Shaves/scrubs							b			
2.14.2.2. Reporting complication							b			
2.14.2.3. Post -operative procedures per Local Protocol										
2.14.2.4. Elastic stocking application										
2.14.2.5. Intermittent Pneumatic Compression Device (IPCD)/Sequential Compression Device (SPD) application/removal							b			
2.15. ORTHOPEDIC PROCEDURES										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice										
2.15.1. Teach and assist patients ambulating with walkers, canes, and crutches	5						2b			
2.15.2. Apply simple splint	5									
2.15.3. Apply elastic wraps							2b			
2.15.4. Measure for crutches	5						2b			
2.15.5. Apply/remove orthopedic braces										
2.15.6. Apply/Remove Simple Cast										
2.15.6.1. Short arm										
2.15.6.2. Long arm										
2.15.6.3. Short leg										
2.15.6.4. Long leg										
2.15.6.5. Thumb spica										

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.15.6.6. Bivalve cast										
2.15.6.7. Trim/petal cast										
2.16. NUTRITION AND ELIMINATION PROCEDURES										
TR: Fundamental Concepts and Skills for Nursing										
2.16.1. Patient dietary considerations							A	B		
2.16.2. Assist with patient feeding							a	b		
2.16.3. Prepare patient for meal							b			
2.16.4. Pass water/appropriate fluids							b			
2.16.5. Assist/monitor with tube feeding							a	b		
2.16.6. Administer retention enema								b		
2.16.7. Assist with continuous/intermittent bladder irrigations								b		
2.16.8. GASTROINTESTINAL PROCEDURES/MANAGEMENT										
TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice										
2.16.8.1. Insert Nasogastric Tube							2b			
2.16.8.2. Irrigate Nasogastric Tube							2b			
2.16.8.3. Remove Nasogastric Tube							2b			
2.16.8.4. Administer cleansing enema										
2.16.8.5. Perform colostomy care										
2.16.8.6. Remove fecal impaction										
2.16.8.7. Apply/Insert and Remove										
2.16.8.7.1. External condom catheter							a			
2.16.8.7.2. Female external catheter							a			
2.16.8.7.3. Foley catheter							2b			
2.16.8.7.4. Straight catheter							2b			
2.16.8.7.5. Pediatric Urine collection bag							a			
2.16.8.7.6. Maintain closed urinary drainage system							2b			
2.17. CARDIOVASCULAR PROCEDURES										
2.17.1. Obtain and Maintain Basic Life Support Healthcare Provider certification TR: American Red Cross (ARC), https://www.redcrosslearning.com/auth/login							3c			
2.17.2. Perform cardiac defibrillation under the supervision of a credentialed healthcare provider TR: Emergency Care and Transportation of the Sick & Injured (AAOS)										
2.17.3. Assist with central venous/arterial monitoring set-up										

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.17.4. Assist with arterial line insertion										
2.17.5. Assist with central venous line insertion										
2.17.6. Telemetry Monitoring	5									
2.17.7. Set-up										
2.17.7.1. Cardiac monitor/defibrillator	5						2b			
2.17.7.2. External pacemaker							2b			
2.17.7.3. Recognize/Report Normal Sinus Rhythms	5						1a	c		
2.17.7.4. Recognize/Report Ventricular Tachycardia	5						1a	c		
2.17.7.5. Recognize/Report Ventricular Fibrillation	5						1a	c		
2.17.7.6. Recognize/Report Pulseless Electrical Activity (PEA)							1a	c		
2.17.7.7. Recognize/Report Asystole							1a	c		
2.17.7.8. Transvenous Pacing Catheter Placement										
2.18. PATIENT PROTECTIVE DEVICES										
TR: Mosby's Essentials for Nursing Assistants										
2.18.1. Apply protective devices							b			
2.18.2. Use manual holds							b			
2.19. OXYGEN THERAPY										
Fundamental Concepts and Skills for Nursing, Lippincott Manual of Nursing Practice, Transportation of the Sick and Injured (AAOS edition)										
2.19.1. Assemble/interchange fixed and portable oxygen delivery system							3c			
2.19.2. International markings										
2.19.3. Apply nasal cannula							3c			
2.19.4. Apply simple face mask							3c			
2.19.5. Apply nonrebreather mask							3c			
2.19.6. Apply Venturi mask							a			
2.19.7. Assemble and apply Aviator's positive pressure mask										
2.20. INPATIENT										
2.20.1. Patient Instruction or Guidance										
2.20.1.1. Unit orientation and policy										
2.20.1.2. Fire/disaster evacuation plan										
2.20.1.3. Maintain inpatient medical records										

Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.20.2. Planning Patient Care										
TR: Fundamental Concepts and Skills For Nursing										
2.20.2.1. Assist with patient admission, discharge, and transfer							2b			
2.20.2.2. Assist with patient care planning							2b			
2.20.2.3. Identify problems and special needs							2b			
2.20.2.4. Instruct patients regarding tests and procedures							2b			
2.20.2.5. Prepare patient for aeromedical evacuation										
2.20.2.6. Perform post mortem care							a	b		
2.21. PATIENT SAFETY										
TR: AHRQ and Partnership for Patients Implementation Guidelines: https://www.jointcommission.org/standards_information/npsgs.aspx; Local MTF policy										
2.21.1. National Patient Safety Goals TR: AHRQ										
2.21.2. TeamSTEPPS										
2.21.3. Principles of Trusted Care/High Reliable Organization (HRO)							a			
2.21.4. Patient Safety Reporting (PSR)										
2.21.4.1. Near Miss										
2.21.4.2. Harms										
2.21.4.3. Sentinel Events										
2.21.4.4. Root Cause Analysis (RCA)										
2.21.5. Strategies for Preventing Harms TR: Partnership for Patients: https://partnershipforpatients.cms.gov/; Local MTF policy										
2.21.5.1. Falls										
2.21.5.2. Pressure Ulcers										
2.21.5.3. Hospital Acquired Infections										
2.21.5.4. Bedside Handoffs										
2.21.5.5. Comfort Rounds (4Ps, pain, proximity, position, potty)										
2.22. PATIENT COMFORT AND HYGIENE										
TR: Fundamental Concepts and Skills For Nursing										
2.22.1. Assist patient							2b			
2.22.2. Place patient on fracture bedpan										
2.22.3. Perform bed bath							2b			
2.22.4. Make Beds										

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.22.4.1. Unoccupied							2b			
2.22.4.2. Occupied							2b			
2.22.4.3. Surgical							2b			
2.22.4.4. Aeromedical evacuation litter							2b			
2.22.5. Oral Hygiene										
2.22.5.1. Provide denture care							a			
2.22.5.2. Assist with brushing teeth, oral swabs, lip balm, and flossing							a			
2.22.6. Provide Skin Care										
TR: Basic to Advanced Skills; Fundamental Concepts and Skills for Nursing, Mosby's Essentials for Nursing Assistants										
2.22.6.1. Back massage							b			
2.22.6.2. Perineal hygiene							b			
2.22.6.3. Shampoo							b			
2.22.6.4. Shave							b			
2.22.6.5. Foot care							b			
2.22.6.6. Turn and position patient							2b			
2.23. PULMONARY PROCEDURES										
TR: Fundamental Concepts and Skills for Nursing										
2.23.1. Perform chest percussion and postural drainage								b		
2.23.2. Hood								b		
2.23.3. Croup tent								b		
2.23.4. Humidified oxygen							a	b		
2.24. MUSCULOSKELETAL										
TR: Fundamental Concepts and Skills for Nursing, Lippincott Manual of Nursing Practice										
2.24.1. Set-up skeletal traction										
2.24.2. Check/correct traction alignments/weights TR: Lippincott Nursing Manual										
2.24.3. Apply skin traction								a		
2.24.4. Care for external fixation device and pin								b		
2.24.5. Position patient with head halter/cervical tongs								c		
2.24.6. Instruct patients regarding isometric or active exercises								c		
2.24.7. Perform passive or passive assisted exercise								c		
2.24.8. Use Continuous passive motion (CPM) device										
2.25. OBSTETRICAL PATIENT CARE TR: AWHONN Perinatal Nursing (Simpson and Creehan), Lippincott Manual of Nursing Practice										
2.25.1. Antepartum/Intrapartum care										
2.25.2. Obtain fetal heart tones with Doppler										
2.25.3. Operate/troubleshoot Electronic Fetal Monitor (EFM) equipment safely										
2.25.4. Enter obstetrical patient information into system										

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.25.5. Assemble and apply external fetal monitor										
2.25.6. Assist with application of fetal scalp electrode/TOCO Transducer										
2.25.7. Assist with application of intrauterine pressure catheter										
2.25.8. Assist with Non-Stress Test (NST)										
2.25.9. Assist with Amnioinfusion										
2.25.10. Assist with medication checks										
2.25.11. Assess/record deep tendon reflexes										
2.25.12. Monitor/record intake and output										
2.25.13. Assess/report edema										
2.25.14. Recognize normal fetal monitor tracing										
2.25.15. Report abnormal tracings to nurse/provider										
2.25.16. Assist with patient positioning during epidural/intrathecal placement										
2.25.17. Assist with fetal resuscitation measures										
2.25.18. Reposition patient										
2.25.19. Apply oxygen										
2.25.20. Assist with Normal Vaginal Delivery										
2.25.21. Assemble equipment/set-up delivery table										
2.25.22. Assemble equipment/set-up infant warmer										
2.25.23. Assist with Operative Vaginal Delivery										
2.25.24. Gather equipment/set up										
2.25.25. Assist with Routine Cesarean Section Delivery										
2.25.25.1. Admission Paperwork										
2.25.25.2. Pre-operative teaching										
2.25.25.3. Notify appropriate resource personnel										
2.25.26. Assist with Emergent Delivery										
2.25.26.1. Precipitous Vaginal Delivery										
2.25.26.2. Unplanned/Emergent Cesarean Section Delivery										
2.25.26.3. Operating Room Familiarization										
2.25.27. Obtain/label specimens										
2.25.27.1. Cord blood for Ph and gases										
2.25.27.2. Placenta for pathology										
2.25.27.3. Delivery room cleaning										
2.25.27.2. Postpartum care										
2.25.28. Perform/record fundal examination/massage										
2.25.29. Perform perineal care										
2.25.29.1. Assist with sitz bath										
2.25.29.2. Assess for hemorrhoids										
2.25.29.3. Provide comfort measures										
2.25.30. Observe/record lochia flow for color, amount, consistency										

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.25.30.1. Report abnormal findings										
2.25.31. Inspect wound for intactness/drainage; report abnormal findings										
2.25.31.1. Episiotomy										
2.25.31.2. Perineal laceration										
2.25.31.3. Surgical incision										
2.25.32. Perform post-operative teaching										
2.25.33. Obtain/assist patient with application of abdominal binder										
2.25.34. Administer required immunizations										
2.25.34.1. Identify Rh negative mother										
2.25.35. Maternal/Fetal Loss										
2.25.35.1. Familiarize and assist with bereavement TR: MTF Policy										
2.25.36. NEWBORN CARE										
TR: American Academy of Pediatrics NRP; AWHONN Perinatal Nursing, Lippincott Manual of Nursing Practice										
2.25.36.1. Obtain/Maintain Neonatal Resuscitation Program (NRP) and STABLE Certification										
2.25.36.2. Familiarization of Kangaroo Board										
2.25.36.3. Assess APGAR TR: American Academy of Pediatrics NRP										
2.25.36.4. Prevent hypothermia										
2.25.36.5. Perform suction										
2.25.36.6. Perform identification procedures										
2.25.36.7. Obtain body measurements (Occipital/Frontal/Chest/Abdominal Circumference)										
2.25.36.8. Perform Newborn Height/Weight										
2.25.36.9. Calculate Growth Chart										
2.25.36.10. Bathe infant										
2.25.36.11. Administer hemorrhagic/ophthalmic prophylaxis										
2.25.36.12. Perform umbilical cord care										
2.25.36.13. Operate incubators (fixed/transport)/infant care center										
2.25.36.14. Set-up and monitor oxygen levels on newborn										
2.25.36.15. Set-up/monitor phototherapy										
2.25.36.16. Perform/record transcutaneous bilirubinometry										
2.25.36.17. Obtain serum bilirubin specimen										
2.25.36.18. Obtain Newborn Screening TR: per protocol										
2.25.36.19. Perform newborn hearing screening										
2.25.36.20. Educate parents/assist with newborn care										
2.25.36.21. Educate parents on newborn nutrition requirements										
2.25.36.21.1. Breastfeeding										
2.25.36.21.2. Bottle-feeding										

ATTACHMENT 2
Aerospace Medical Service (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.25.36.21.3. Assess/document infant intake and output										
2.25.36.21.4. Set-up/assist with circumcision										
2.26. CLINICAL PROCEDURES TR: Lippincott Manual of Nursing Practice; AFIs 36-2110, 44-170, 46-101, 48-123										
2.26.1. Administer pseudofolliculitis barbae (PFB) treatments										
2.26.2. Administer wart (verrucae) treatments										
2.26.3. Prepare and Document Report of Care and Treatment TR: AFIs 41-210, 44-102, 44-170; 48-203; DoDI 13-04.03										
2.26.3.1. SF 600							2b	c		
2.26.3.2. SOAPP Note TR: Fundamental Concepts and Skills For Nursing	5						2b			
2.26.3.3. SF 507, Continuation Sheet							2b			
2.26.3.4. AF Form 469							2b			
2.26.3.5. AF Form 422, Physical Profile Serial Report to include 31/37/81 report and assignment Limitation Code-C							2b			
2.26.3.6. SF 558, Emergency and Treatment Record							2b			
2.26.3.7. DD Form 2766/2766C, Adult Preventive and Chronic Care Flowsheet							2b			
2.26.3.8. DD Form 2808, Report of Medical Examination							2b			
2.26.3.9. DD Form 2807, Report of Medical History							2b			
2.26.4. Preventive Health Assessment (PHA) TR: AFI 44-170										
2.26.4.1. Update ASIMS database							a			
2.26.4.2. Coordinate with Unit Health Monitors (UHM)										
2.26.4.3. Schedule PHA										
2.26.4.4. Conduct medical record reviews TR: AFMAN 41-210							1a			
2.26.4.5. Military (mobility) unique requirements							A	B		
2.26.4.6. Conduct patient interview							2b			
2.26.4.7. Record medical history							2b			
2.26.4.8. Provide primary preventive counseling										
2.26.5. Medical Evaluation Board (MEB) Process TR: AFIs 36-3212, 48-203, AFMAN 41-210										
2.26.5.1. Overview of MEB process							A		B	
2.26.5.2. Integrated Disability Evaluation System (IDES) & Deployment Availability Working Group (DAWG)							A		B	
2.26.5.3. Temporary Disability Retirement Limitations (TDRL)								A	B	
2.26.5.4. Assignment Limitation Code (ALC)								A	B	
2.26.5.5. Physical Exam Board Liaison Officer (PEBLO) responsibilities								A	B	

1. Tasks, Knowledge and Technical References	2. Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
		A	B	C	D	E	A	B	C	D
		Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
2.26.5.6. Record review in lieu of board roles										
2.26.6. Medical Treatment Record Review TR: AFMAN 41-210										
2.26.6.1. Permanent change of station							A	B		
2.26.6.2. Security clearance								B		
2.26.6.3. Mobility/deployment							A	B		
2.26.6.4. Personnel Reliability Program (PRAP) TR: AFI 31-207							A	B		
2.26.6.5. Roster validation (31/37/81 Report)								B		
2.27. NATIONAL REGISTRY EMERGENCY MEDICAL TECHNICIAN TR: National Highway Traffic Safety Administration EMT- National EMS education standards; https://www.nremt.org/rwd/public										
2.27.1. Obtain and Maintain National Registry Emergency Medical Technician Certification (NOTE: EMT certifications listed in part I section B para 2 of this CFETP meet requirements)	5						3c			
2.27.2.Perform Ambulance/Emergency Response Vehicle Operations TR: AFI 11-2AE Vol 3, Emergency Care of the Sick and Injured (AAOS Edition)										
2.27.2.1. Flight line operations								b		
2.27.2.2. In-flight emergency procedures								b		
2.27.2.3. Perform loading/unloader stretcher							2b			
2.27.2.4. Radio Communications								b		
2.27.2.5. Perform grid map plotting								b		
2.28 OPERATE EXPEDITIONARY EQUIPMENT TR: JTTS Clinical Practice Guidelines										
2.28.1. Portable blood analyzer (ISTAT) TR: Operation Manual										
2.28.2. Portable digital radiology (LUMISYS) TR: Operation Manual										
2.28.3. Deployable oxygen systems (PTLOX/E-DOX) TR: Operating Manual										
2.28.4. Focused Assessment with Sonography for Trauma (FAST Exam) TR: Operating Manual							2b	c		
2.28.5. Triple Channel IV Pump TR: Operating Manual										
2.28.6. Wound Vacuum (e.g. KCI Wound Vac) TR: Operating Manual										
2.28.7. Bair Hugger TR: Operating Manual										
2.28.8. Intracranial Pressure Monitoring Device - Intraventricular Drainage System TR: Operating Manual										

ATTACHMENT 3

Squadron Medical Element (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Tng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
3. SQUADRON MEDICAL ELEMENT											
3.1. Obtain and record medical history TR: AFMAN 41-210											
3.2. Intravenous (IV) Therapy TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing											
3.2.1. Determine need for IV therapy											
3.2.2. Determine IV equipment needs											
3.2.3. Assemble equipment											
3.2.4. Insert peripheral IV lines											
3.2.5. Establish drip rates											
3.2.6. Monitor infusion/complications											
3.3. Assist With Advanced Airway Management TR: Fundamental Concepts and Skills for Nursing											
3.3.1. Advanced foreign body removal											
3.3.2. Endotracheal intubation											
3.3.3. Needle thoracentesis											
3.3.4. Cricothyroidotomy											
3.3.5. Supraglottic Airway Devices											
3.4. Minor Surgical Procedures TR: Fundamental Concepts and Skills for Nursing											
3.4.1. Apply aseptic and infection control procedures											
3.4.2. Use of local anesthetic											
3.4.3. Insert sutures											
3.4.4. Remove sutures											
3.5. Perform basic splinting techniques											
3.6. Perform Immunization Backup Technician (IBT) Duties TR: AFIs 44-102, 48-110; CFETP Attachment 4											
3.6.1. Determine immunization requirements											
3.6.2. Administer immunization											
3.6.3. Recognize and Treat Adverse Reactions											
3.6.4. Document immunizations in ASIMS											
3.6.5. Storage Handling											
3.6.6. Obtain/Maintain IBT Certification (Attach 4)											
3.7. Basic Laboratory Procedures TR: Lippincott, Manual of Nursing Practice											
3.7.1. Collect Samples											
3.7.1.1. Tissue											
3.7.1.2. Fluid											
3.7.2. Perform Rapid Reagent Tests											
3.7.2.1. Blood											

ATTACHMENT 3
Squadron Medical Element (4N0X1) STS

1. Tasks, Knowledge and Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training			
	Core/Cert^	Deployment*/EI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
3.7.2.2. Urine											
3.8. Assess injuries with dental complications											
3.9. Pharmacology TR: AFI 44-102; Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott's Physician's Drug Book											
3.9.1. Identify Commonly Used Drugs											
3.9.1.1. Uses											
3.9.1.2. Complications											
3.9.1.3. Precautions											
3.9.2. Identify Schedule Drugs											
3.9.2.1. Drug inventory											
3.9.2.2. Maintain AF Form 579											
3.10. Deployment Actions TR: AFI 10-206											
3.10.1. MEDRED C TR: AFI 41-106											
3.10.2. Disease Non-Battle Injury (DNBI) Report TR: AFI 48-105											
3.10.3. On-site (SITREP)											
3.10.4. After-action report TR: AFI 44-106											
3.11. Deployment Medical Material (ATC, ATTU, PAM, etc.)											
3.11.1. Concept of operations											
3.11.2. Resource management											
3.11.3. Set-up and utilization											
3.12. Site Selection/Field Sanitation Activities											
3.12.1. Conduct food inspections TR: AFI 48-116											
3.12.2. Waste disposal procedures TR: AFH 10-222V1											
3.12.3. Conduct industrial hygiene inspections TR: AFMAN 48-146											
3.12.4. Perform water sampling/testing TR: AFI 48-144; AFMANs 48-138_IP, 10-246											
3.13. Preventive Health Assessment (PHA) for Flyers/SOD/MOD/other Non-Flyers											
TR: TR: Kx; ASIMS User guide; AFMAN 41-210; AFIs 10-250, 44-170, 48-110; DoDi 6200.06											
3.13.1. ASIMS database	5								3c		
3.13.2. Coordinate with Unit Health Monitors (UHM)									-		
3.13.3. Schedule PHA									-		
3.13.4. Run Squadron reports									a		
3.13.5. Generate DD Form 2992, Medical Recommendation for Flying or Special Operational Duty									3c		
3.13.6. Notify Squadrons									a		
3.13.7. Initial Waivers/Renewals/Interim Evaluations									B		
3.13.8. Conduct medical record reviews									a		
3.13.9. Military (mobility) unique requirements									A		
3.13.10. Conduct patient interview									1a		
3.13.11. Record medical history									1a		

ATTACHMENT 4
Allergy/Immunization (4N0X1D)

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
4. Administrative Management of the Allergy / Immunization Clinic TR: Local Standard Operating Procedures											
4.1. Mass Immunization Programs											
4.1.1. Anthrax Vaccine Immunization Program (AVIP) TR: Current DHA Policy									B		
4.1.2. Smallpox Vaccination Program (SVP) TR: Current DHA Policy									B		
4.1.3. Influenza									B		
4.2. Operating instructions									B		
4.3. Continuing education									B		
4.4. IBT program overview									A		
4.5. Epidemiology of vaccine preventable disease									B		
4.6. ALLERGY											
4.6.1 Principles Of Allergies TR: Allergic Principles and Practices, Volume I and II (Middleton)											
4.6.1.1. GELL and Coomb's Type of Allergic Reaction TR: Allergy/Clinical Immunology Technician Course Manual											
4.6.1.1.1. Type I, immediate									B		
4.6.1.1.2. Type II and III									A		
4.6.1.1.3. Type IV, delayed									B		
4.7. Pollen Agents TR: Allergy/Clinical Immunology Technician Course Manual											
4.7.1. Local allergy-causing pollen									B		
4.7.2. Seasons of specific allergy-causing pollen									B		
4.8. Principles Of Patient Presentation											
4.8.1. Rhinitis TR: Allergy/Clinical Immunology Technician Course Manual											
4.8.1.1. Seasonal									B		
4.8.1.2. Perennial									B		
4.8.1.3. Sinusitis									B		
4.8.2. Non-allergic rhinitis									B		
4.8.3. Stinging insect hypersensitivity									B		
4.8.4. Anaphylaxis									B		
4.8.5. Food allergy									B		
4.8.6. Medication/vaccine hypersensitivity									B		
4.8.7. Irritants and physical agents									B		
4.8.8. Dermatological Manifestations TR: Allergic Diseases Diagnostic and Management (Patterson)											

ATTACHMENT 4

Allergy/Immunization (4N0X1D)

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
4.8.8.1. Urticaria									B		
4.8.8.2. Angioedema									B		
4.8.9. Asthma									B		
4.9. Diagnostic Procedures TR: Allergic Principles and Practices, Volume I and II (Middleton)											
4.9.1. Perform prick skin test									2b		
4.9.2. Perform intradermal skin test									2b		
4.9.3. Oral challenge									a		
4.10. Perform Specialized Skin Testing TR: Allergy/Clinical Immunology Technician Course Manual											
4.10.1. Perform Venoms/hymenoptera									b		
4.10.2. Perform Vaccines									b		
4.10.3. Perform Latex									b		
4.10.4. Perform Medication									b		
4.10.5. Grade/document skin tests									2b		
4.10.6. Perform routine spirometry/flow volume loops									2b		
4.10.7. Perform pre- and post-bronchodilator studies									2b		
4.10.8. Perform asthma challenge test									a		
4.10.9. Perform peak flow meter studies									2b		
4.11. Prepare And Administer Respiratory Medication TR: Allergy/Clinical Immunology Technician Course Manual											
4.11.1. Metered dose inhaler									1b		
4.11.2. Hand held/updraft nebulizer									1b		
4.11.3. Document pulmonary diagnostic and therapeutic procedure									3c		
4.12. Preventive Treatment TR: Allergy/Clinical Immunology Technician Course Manual											
4.12.1. Relocation from the source of irritants									B		
4.12.2. Air conditioning									B		
4.12.3. House dust mite precaution and avoidance program									B		
4.12.4. Mold/fungal avoidance									B		
4.12.5. Animal									B		
4.12.6. Stinging insects									B		
4.13. Pharmacological Treatment TR: Allergy/Clinical Immunology Technician Course Manual											
4.13.1. Antihistamines									B		
4.13.2. Decongestants									B		
4.13.3. Bronchodilators									B		
4.13.4. Expectorants									B		
4.13.5. Steroids									B		

ATTACHMENT 4
Allergy/Immunization (4N0X1D)

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
4.13.6. Blood pressure/cardiac medications (beta-blockers)									B		
4.13.7. Antidepressants									B		
4.13.8. Biologics									B		
4.14. Immunotherapy TR: Allergy/Clinical Immunology Technician Course Manual											
4.14.1. Types											
4.14.1.1. Aeroallergens									2b		
4.14.1.2. Environmentals									2b		
4.14.1.3.Venoms/hymenoptera									2b		
4.14.2. Calculate dosage/schedule									3c		
4.14.3. Perform proper injection technique									3c		
4.15. Administrative Procedures											
4.15.1. Mixing lab									A		
4.15.2. Procurement of skin test trays									A		
4.15.3. Procurement of immunotherapy kits									A		
4.15.4. Screen/educate patients									2b		
4.15.5. Perform Documentation									2b		
4.16. Identify/Treat Adverse Reactions TR: Elsevier											
4.16.1. Vasovagal									c		
4.16.2. Local									3c		
4.16.3. Systemic/anaphylactic									3c		
4.17. Extract Composition/Measurement TR: Allergy/Clinical Immunology Technician Course Manual											
4.17.1. Aqueous									B		
4.17.2. Alum-precipitated									B		
4.17.3. Freeze-dried									B		
4.17.4. Weight/Volume (w/v)									B		
4.17.5. Biological allergen unit (BAU)									B		
4.17.6. Protein nitrogen units (PNU)									B		
4.17.7. Allergy units (AU)									B		
4.17.8. Micrograms (mcg)									B		
4.17.9. Milligrams (mg)									B		
4.17.10. Volume/Volume (v/v)									B		
4.18. Diluents TR: Immunofacts (Grabenstein)											
4.18.1. Human serum albumin (HSA)									B		
4.18.2. Sterile normal saline with phenol									B		
4.18.3. Glycerin									B		
4.18.4. Mix 10-fold dilutions									3c		
4.18.5. Label extract vial									3c		

ATTACHMENT 4
Allergy/Immunization (4N0X1D)

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
4.19. IMMUNIZATION TR: AFI 44-102/48-110											
4.19.1. Principles Of Immunization TR: Epidemiology and Prevention of Vaccine-Preventable Diseases (Pink Book)											
4.19.1.1. Active immunization									B		
4.19.1.2. Passive immunization									B		
4.19.2. Adult/Military Vaccines TR: Immunofacts (Grabenstein)											
4.19.2.1. Types									C		
4.19.2.2. Composition									C		
4.19.2.3. Dosages									C		
4.19.2.4. Schedules									C		
4.19.2.5. Storage/handling									C		
4.19.2.6. Purpose									C		
4.19.2.7. Precautions/contraindications									C		
4.19.2.8. Side effects									C		
4.19.2.9. Administer Medications and Vaccines TR: General Recommendations on Immunization Practices of the Advisory Committee on Immunization Practices (ACIP)											
4.19.2.9.1. Subcutaneous									3c		
4.19.2.9.2. Intramuscular									3c		
4.19.2.9.3. Intradermal									3c		
4.19.2.9.4. Oral									3c		
4.19.2.9.5. Intranasal									a		
4.19.2.9.6. Scarification technique									a		
4.19.3. Pediatric Vaccines TR: Immunofacts (Grabenstein)											
4.19.3.1. Types									C		
4.19.3.2. Composition									C		
4.19.3.3. Dosages									C		
4.19.3.4. Advisory Committee on Immunization Practices (ACIP) recommended schedules									C		
4.19.3.5. Storage/Handling									C		
4.19.3.6. Purpose									C		
4.19.3.7. Precautions / contraindications									C		
4.19.3.8. Side effects									C		
4.19.3.9. Administer Medications and Vaccines TR: Immunofacts (Grabenstein)											
4.19.3.9.1. Subcutaneous									3c		
4.19.3.9.2. Intramuscular									3c		
4.19.3.9.3. Intradermal									3c		
4.19.3.9.4. Oral									3c		

ATTACHMENT 4
Allergy/Immunization (4N0X1D)

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
			A	B	C	D	E	A	B	C	D
	Core/Cert^	Deployment*/SEI+	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
4.19.4. Document IAW TR: AFI 48-110											
4.19.4.1. Immunization record									2b		
4.19.4.2. Electronic Medical record (EMR)									2b		
4.19.4.3. USAF Aeromedical Services Information Management System (ASIMS) TR: ASIMS AF User Guide									2b		
4.19.4.4. CDC 731									2b		
4.19.5. Administer/Read Delayed Skin Tests TR: Allergy/Clinical Immunology Technician Course Manual											
4.19.5.1. Tuberculin unit (5TU) purified protein derivative (PPD) IAW 48-105									2b		
4.19.5.2. Candida albicans									a		
4.19.6. Administrative Considerations											
4.19.6.1. Geographical requirements (Center for Disease Control (CDC), World Health Organization (WHO), International, and command specific)									A		
4.19.6.2. Requirements for administration of immunizations outside MTF/Medical Unit									A		
4.19.6.3. Waivers TR: AFI 48-110IP											
4.19.6.3.1. Medical									-		
4.19.6.3.2. Administrative									-		
4.19.6.3.3. Religious									-		
4.19.6.3.4. Declination of recommended immunizations									-		
4.19.6.3.5. Serologic Testing									-		
4.19.7. Administrative Procedures TR: AFI 48-110IP											
4.19.7.1. Prepare/transcribe immunization records									2b		
4.19.7.2. Use standard ACIP/Centers for Disease Control (CDC) abbreviations									2b		
4.19.7.3. Provide and document Vaccine Information Statements (VIS) IAW AFI 48-110									2b		
4.19.7.4. Complete Vaccine Adverse Event Reporting System (VAERS) form									2b		
4.19.7.5. Statistical reports									-		
4.19.8. Identify And Initiate Treatment of Adverse Reactions TR: AFI 48-110											
4.19.8.1. Vasovagal									3c		
4.19.8.2. Local									3c		
4.19.8.3. Systemic/anaphylactic									3c		

ATTACHMENT 5
Hemodialysis (SEI 486)

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
5. HEMODIALYSIS SPECIALTY											
5.1. Renal Anatomy and Physiology TR: ANNA, Core Curriculum for Nephrology Nursing; Amgen Core Curriculum for the Dialysis Technician											
5.1.1. The Kidney		+									-
5.1.1.1. Structure		+									-
5.1.1.2. Function		+									-
5.2. Chronic Kidney Disease TR: ANNA, Core Curriculum for Nephrology Nursing; Amgen Core Curriculum for the Dialysis Technician											
5.2.1. Stages of Chronic Kidney Disease (CKD) 1-5		+									-
5.2.2. Contributing Factors		+									-
5.3. Hemodialysis Physiological Basis and Treatment TR: ANNA, Core Curriculum for Nephrology Nursing; Amgen Core Curriculum for the Dialysis Technician											
5.3.1. Indications for hemodialysis		+									-
5.3.1.1. End Staged Renal Disease (CKD 5)		+									-
5.3.1.2. Acute Kidney Failure		+									-
5.3.1.2.1. Drug intoxication		+									-
5.3.1.2.2. Fluid Overload		+									-
5.3.1.2.3. Hyperkalemia		+									-
5.3.1.2.4. Severe acidosis/alkalosis		+									-
5.4. Dialysis Delivery Methods TR: ANNA, Core Curriculum for Nephrology Nursing; Amgen Core Curriculum for the Dialysis Technician											
5.4.1. Chronic Hemodialysis		+									-
5.4.2. Acute Hemodialysis		+									-
5.4.3. Continuous renal replacement therapy (CRRT)		+									-
5.4.4. Continuous ambulatory peritoneal dialysis (CAPD)		+									-
5.4.5. Continuous cyclic peritoneal dialysis (CCPD)		+									-

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
5.5. Universal Precautions TR: Medical Education Institute (MEI) Core Curriculum for the Dialysis Technician											
5.5.1. Personal Protective Equipment (PPE)		+									-
5.5.2. Isolation Precautions		+									-
5.5.3. HAZCOM		+									-
5.5.4. Vaccinations		+									-
5.6. Perform Patient Evaluation Procedures TR: Medical Education Institute (MEI) Core Curriculum for the Dialysis Technician											
5.6.1. Nursing assessment		+									-
5.6.1.1. Obtain vital signs		+									-
5.6.1.2. Obtain pre-treatment weight		+									-
5.6.1.3. Review pt history for dry weight		+									-
5.6.1.4. Calculate target loss/ultrafiltration		+									-
5.6.1.5. Review lab history		+									-
5.6.2. Conflict resolution		+									-
5.6.3. Give patient instructions on dialysis tx		+									-
5.6.4. Document on electronic medical record		+									-
5.7. Prepare for Dialysis Treatment TR: Medical Education Institute (MEI) Core Curriculum for the Dialysis Technician											
5.7.1. Water Treatment System Overview TR: Medical Education Institute (MEI) Core Curriculum for the Dialysis Technician		+									-
5.7.1.1. Locate Components of Water System TR: Medical Education Institute (MEI) Core Curriculum for the Dialysis Technician Advancement of Medical Instrumentation (AAMI) standards; Local policy; Local Operator's Manual		+									-
5.7.1.1.1. Feed Water Components		+									-
5.7.1.1.1.1. Backflow Prevention Device		+									-
5.7.1.1.1.2. Temperature Blending Valve		+									-
5.7.1.1.1.3. Booster Pump		+									-
5.7.1.1.2. Pretreatment Components		+									-
5.7.1.1.2.1. Chemical Injection Systems		+									-
5.7.1.1.2.2. Sediment Filters		+									-
5.7.1.1.2.3. Water Softener		+									-
5.7.1.1.2.4. Carbon Tanks		+									-
5.7.1.1.2.5. Reverse Osmosis (RO)		+									-
5.7.1.1.2.6. Deionization		+									-
5.7.1.1.2.7. Ultraviolet Light		+									-
5.7.1.1.2.8. Submicron & Ultrafilters		+									-

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A Trng Start	B Trng Complete	C Trainee Initials	D Trainer Initials	E Certifier Initials	A 3-lvl	B 5-lvl	C 7-lvl	D 9-lvl
5.7.1.2. Test Water System Components TR: Medical Education Institute (MEI) Core Curriculum for the Dialysis Technician, Advancement of Medical Instrumentation (AAMI) standard; Local Policy											
5.7.1.2.1. RO Product Water		+									-
5.7.1.2.2. RO Loop Pre		+									-
5.7.1.2.3. RO Loop Return		+									-
5.7.1.2.4. Water Softener		+									-
5.7.1.2.4.1. Hardness test		+									-
5.7.1.2.5. Carbon Tank		+									-
5.7.1.2.5.1. Chlorine test		+									-
5.7.1.2.6. Dialysis Machine		+									-
5.7.1.3. Perform Machine Maintenance TR: Local Model Operator's Manuals; Local Policy; MDGI/OI											
5.7.1.3.1. Internal disinfection/cleaning		+									-
5.7.1.3.1.1. Heat Disinfect		+									-
5.7.1.3.1.2.. Rinse		+									-
5.7.1.3.1.3. Acid Clean		+									-
5.7.1.3.1.4. Chemical/Rinse/Dwell		+									-
5.7.1.3.1.5. DIASAFE Filter		+									-
5.7.1.3.2. External disinfection		+									-
5.7.1.3.2.1. Hospital approved disinfectant		+									-
5.8. Perform Dialysis Machine Set-Up TR: Local Model Operator's Manual; Local Policy											
5.8.1. Mix dialysate bath solutions		+									-
5.8.2. Machine Self Test		+									-
5.8.2.1. Pressure test		+									-
5.8.2.2. Alarm test		+									-
5.8.3. Reverse osmosis (RO) water test		+									-
5.8.4. Conductivity limits		+									-
5.8.5. Prime extracorporeal blood circuit/dialyzer		+									-
5.8.6. Recirculation		+									-
5.8.7. Blood pressure monitor function test		+									-
5.8.8. Set treatment parameters per physician prescription		+									-
5.8.9. Portable reverse osmosis (RO)		+									-
5.9. Set-up Peritoneal Cycler TR: ANNA, Core Curriculum for Nephrology Nursing; Local Model Operator's Manual; Local Policy											
5.9.1. Select ordered dialysate solution		+									-
5.9.2. Machine Self-Test		+									-
5.9.3. Prime peritoneal circuit/drain bags (adult & pediatric)		+									-
5.9.4. Enter treatment prescription		+									

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
5.10. Set-up Manual Peritoneal Dialysis System TR: ANNA, Core Curriculum for Nephrology Nursing											
5.10.1. Manifold		+									-
5.10.2. Prime Y-Set circuit/drain bags (adult & pediatric)		+									-
5.11. Perform access of patient's vascular system for dialysis TR: ANNA, Core Curriculum for Nephrology Nursing; Amgen Core Curriculum for the Dialysis Technician											
5.11.1. Arterial-venous (AV) graft/fistula		+									-
5.11.1.1. Access maturity/patency		+									-
5.11.1.1.1. Thrill and Bruit		+									-
5.11.1.1.2. Anastomosis		+									-
5.11.1.1.3. Signs of infection/infiltration		+									-
5.11.1.1.4. Arterial/venous area		+									-
5.11.1.2. Cannulation of needles		+									-
5.11.1.2.1. Rope Ladder technique		+									-
5.11.1.2.3. Collect blood specimen		+									-
5.11.1.2.3. Collect blood specimen		+									-
5.11.2. Perform corrective actions for complications during tx											
5.11.2.1. Dislodged needle		+									-
5.11.2.2. Infiltration		+									-
5.11.2.3. Bleeding at cannulation sites		+									-
5.11.2.4. Thrombosis		+									-
5.11.2.5. Recirculation		+									-
5.11.2.6. Cramping		+									-
5.11.3. Long Term Complications of fistula/graft											
5.11.3.1. Steal Syndrome		+									-
5.11.3.2. Aneurysm		+									-
5.11.3.3. Stenosis		+									-
5.11.4. Perform termination of Dialysis via fistula/graft											
5.11.4.1. Needle removal		+									-
5.11.4.2. Hemostasis of cannulation sites		+									-
5.11.5. Central Venous Catheters (CVCs) for Dialysis (Temporary and Long Term)											
5.11.5.1. Set-up/assist with external CVC placement		+									-
5.11.5.2. Assess patency of CVC		+									-
5.11.5.2.1. Unpack each lumen		+									-
5.11.5.3. Perform dressing change using aseptic technique		+									-
5.11.5.3.1. Identify signs of infection		+									-

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
			A	B	C	D	E	A	B	C	D
	Core/Cert^	Deployment*/SEI+	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
5.11.6. Perform corrective actions for complications during treatment											
5.11.6.1. Bleeding around catheter site		+									-
5.11.6.2. Kink or blockage		+									-
5.11.6.3. Sluggish normal saline flushes		+									-
5.11.7. Long term complications of CVC use											
5.11.7.1. Blood infections		+									-
5.11.7.2. Inflammation/clotting in vessels		+									-
5.11.7.3. Sluggish normal saline flushes		+									-
5.11.7.4. Lower blood flow rates/inadequate dialysis		+									-
5.11.8. Perform termination of Dialysis via CVC											
5.11.8.1. Insert anticoagulant packing into each lumen		+									-
5.11.8.2. Apply sterile caps to each lumen		+									-
5.12. Perform Physician ordered modifications during treatment TR: ANNA, Core Curriculum for Nephrology Nursing; Local Model Operator's Manual											
5.12.1. Increase/decrease target ultrafiltration goal		+									-
5.12.2. Increase/decrease dialysate bath electrolyte levels		+									-
5.12.3. Increase/decrease blood flow rate		+									-
5.12.4. Infuse blood/blood products via machine		+									-
5.12.5. Termination of tx & blood return		+									-
5.12.6. Temperature Management		+									-
5.13. Perform Emergency Operations TR: Local Model Operator's Manual; Local Policy											
5.13.1. Termination of dialysis via manual controls		+									-
5.13.1.1. Electrical failure		+									-
5.13.1.2. Mechanical emergencies		+									-
5.13.1.3. Clotted dialyzers		+									-
5.13.1.4. Blood leak		+									-
5.13.2. On-call procedures		+									-
5.13.3. Evacuation Procedures		+									-
5.14. Patients With Specific Disorders/Emergency Conditions TR: ANNA, Core Curriculum for Nephrology Nursing; Amgen Core Curriculum for the Dialysis Technician; Local Policy											
5.14.1. Cardiac arrest		+									-
5.14.2. Air embolus		+									-
5.14.3. Hypotension		+									-
5.14.4. Hypertension		+									-
5.14.5. Arrhythmias		+									-
5.14.6. Disequilibrium Syndrome		+									-
5.14.7. Syncope		+									-

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
5.14.8. Shock		+									-
5.14.9. Hemolysis		+									-
5.14.10. Nausea/vomiting		+									-
5.14.11. Seizures		+									-
5.14.12. Hypoxia		+									-
5.15. Dialysis Medications TR: A Medical Education Institute (MEI) Core Curriculum for the Dialysis Technician, Physician's Desk Reference (PDR)											
5.15.1. Administer medications per physician's orders											
5.15.1.1. Anticoagulants		+									-
5.15.1.2. Local Anesthetics		+									-
5.15.1.3. Albumin		+									-
5.15.1.4. Normal Saline		+									-
5.15.1.5. Oxygen		+									-
5.15.2. Working Knowledge of Other Medications											
5.15.2.1. Thrombolytic agents		+									-
5.15.2.2. Erythropoietin		+									-
5.15.2.3. Paricalcitol		+									-

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
6. CRITICAL CARE											
6.1. Pathophysiology of Hemodynamics TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.1.1. Recognize hemodynamic values											
6.1.1.1. Adult		+							B		
6.1.1.2. Pediatric		+							B		
6.1.3. Monitor Patients On Telemetry											
6.1.3.1. Telemetry Course		+									
6.2. Critical Patient Transport Considerations TR: AACN Procedure Manual for Critical Care											
6.2.1. Recognize stable patient		+							C		
6.2.2. Recognize unstable patient		+							C		
6.3. Prepare/Transport Patient with Special Equipment for Critical Care Transfer TR: AACN Procedure Manual for Critical Care											
6.3.1. Assembles transport supplies/equipment adult		+							3c		
6.3.2. Assembles transport supplies/equipment pediatric		+							2b		
6.3.3. Prepare/Setup/Operate Pediatric Transport Isolette		+							2b		
6.3.4. Transfer Patient Between Stationary Ventilator/Portable Ventilator		+							3c		
6.3.5. Medical Examinations/Special Procedures TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.3.5.1. Set-up and Assist Pericardiocentesis		+							2b		
6.3.5.2. Set-up and Assist Percutaneous (bedside) tracheostomy placement		+							2b		
6.3.5.3. Perform Bladder Scan		+							3c		
6.3.5.4. Set-up and Assist Intubation/extubation		+							3c		
6.3.5.5. Assist with pronation of intubated patient		+							2b		
6.3.5.6. Assist with supination of intubated patient		+							2b		
6.3.5.6. Perform PEEP-Saver Valve		+							3c		
6.3.5.7. Perform enteral feeding access and support		+							2b		
6.3.5.8. Perform inline suction		+							2b		
6.4. Sonography											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.4.1. Assist Ultra Sound guided Central Line		+							2b		
6.4.2. Assist with FATE		+							2b		
6.4.3. Assist with Ultra Sound ICP		+							2b		
6.4.4. Assist with Ultra Sound Guided Fluid Resuscitation		+							2b		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
6.5. Mechanical Ventilation Classifications											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.5.1. Timed Cycled		+							B		
6.5.2. Pressure Cycled		+							B		
6.5.3. Volume Cycled		+							B		
6.5.4. Understanding Principles Of Mechanical Ventilation											
6.5.4.1 Modes of ventilation		+							B		
6.5.4.2. Ventilator Settings		+							B		
6.5.4.3. Continuous Positive Airway Pressure (CPAP)		+							B		
6.5.4.4. Bi-level Positive Airway Pressure (BiPAP)		+							B		
6.5.4.5. Weaning Parameters		+							B		
6.5.5. Ventilation Operations											
6.5.5.1. Assist with set-up and operation of ventilator		+							2b		
6.5.5.2. Assist with and attach ventilator circuit to patient		+							2b		
6.5.5.3. Perform Ventilator Alarm Circuit Troubleshooting		+							3c		
6.5.5.4. Monitor Patient Alarms on Mechanical Ventilator		+							2b		
6.6. Identify Principles Of Patient Management in Critical Care Environment											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.6.1. Cardiovascular Disorders		+							B		
6.6.2. Pulmonary Disorders		+							B		
6.6.3. Neurologic Disorders		+							B		
6.6.4. Gastrointestinal Disorders		+							B		
6.6.5. Renal Disorders		+							B		
6.6.6. Endocrine Disorders		+							B		
6.6.7. Hematological Disorders		+							B		
6.6.8. Multisystem Disorders		+							B		
6.7. Identify Principles of Blood Gas Values											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.7.1. Blood Gas Results		+							B		
6.8. Setup and Assist with Cardiovascular Procedures											

ATTACHMENT 6

Critical Care Technician (SEI 487)

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.8.1. Continuous Cardiac Output/Mixed Venous (CCO/SVO2VIP)		+							2b		
6.8.2. Flow directed pacing catheter placement		+							2b		
6.8.3. Synchronized Cardioversion		+							3c		
6.8.4. Obtain/maintain Advanced Cardiac Life Support (ACLS)		+							-		
6.9. Perform/Obtain Measurements and Operations											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.9.1. Central venous pressure measurements (CVP)		+							2b		
6.9.2. Cardiac output measurements		+							2b		
6.9.3. Central Line Blood Sample		+							2b		
6.9.4. Monitor SVO2		+							2b		
6.9.5. Transurethral Bladder Pressure		+							2b		
6.9.6. ABG Percutaneous Collection		+							3c		
6.9.7. Obtain ABG Sample from Arterial Line Manifold		+							3c		
6.10. Identifying Neurological Monitoring											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.10.1. Invasive Methods		+							B		
6.10.2. Non-Invasive Methods		+							B		
6.11. Set-up/Maintain and Perform											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.11.1. Fiber optic sensor for Intracranial Pressure (ICP) Monitoring		+							2b		
6.11.2. Ventriculostomy drain		+							2b		
6.11.3. Cold calorics		+							2b		
6.11.4. Assist with Central Venous Monitoring Set-up		+							2b		
6.11.5.Assist with Arterial Monitoring Set-up		+							2b		
6.11.6.Assist with Central Venous Line Insertion		+							2b		
6.11.7.Assist with Arterial Line Insertion		+							2b		
6.11.8.Perform Square Wave Test		+							3c		
6.11.8. Identify and Troubleshoot Arterial Waveforms		+							c		
6.11.8. Perform Central Line Dressing Changes		+							3c		
6.11.8. Perform Arterial Line Dressing Changes		+							3c		
6.11.8. Perform Central Line Removal		+							3c		
6.11.8. Perform Arterial Line Removal		+							3c		
6.12. Principles and Management of Hemodialysis											
TR: AACN Procedure Manual for Critical Care; Hemodynamic Monitoring: Invasive and Non-invasive Clinical Application											
6.12.1. Acute Kidney Injury		+							B		
6.12.2. Fluid Overload		+							B		
6.12.3. Acidosis/alkalosis		+							B		
6.12.4. Continuous Renal-to-Replacement Therapy (CRRT)		+							B		

ATTACHMENT 7
Hyperbaric Medical Technician (SEI 490)

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course		
			A	B	C	D	E	A	B	C
	Core/Cert^	Deployment*/SEI+	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl
7. HYPERBARIC SPECIALTY										
7.1. Hyperbaric Medicine										
7.1.1. Purpose and evolution TR: Physiology and Medicine of Hyperbaric Oxygen Therapy/ Hyperbaric Medicine Practice		+							C	
7.1.2. Physiological Principles of the Hyperbaric Environment TR: Physiology and Medicine of Hyperbaric Oxygen Therapy/ U.S. Navy Diving Manual Revision 7										
7.1.2.1. Decompression physiology		+							C	
7.1.2.2. Decompression tables		+							C	
7.1.3. Physiological Basis and Treatment for Disorders with Hyperbaric Medicine TR: UHMS Hyperbaric Oxygen Therapy Indications										
7.1.3.1. Acute disorders		+							B	
7.1.3.2. Chronic disorders		+							B	
7.1.3.3. Experimental		+							B	
7.1.3.4. Indications for hyperbaric therapy		+							B	
7.2. Hyperbaric Chamber										
7.2.1. Principles of managing and organizing hyperbaric treatment facilities		+							A	
7.2.2. Principles Of Hyperbaric Chamber Systems TR: Physiology and Medicine of Hyperbaric Oxygen Therapy/ Hyperbaric Medicine Practice										
7.2.2.1. Air pressurization		+							C	
7.2.2.2. Fire suppression		+							C	
7.2.2.3. Communication		+							C	
7.2.2.4. Mask breathing system (MBS)		+							C	
7.2.2.5. Liquid oxygen (LOX)		+							C	
7.2.2.6. Console controls		+							C	
7.2.2.7. Suction		+							C	
7.2.2.8. Gas analysis		+							C	
7.2.2.9. Escape hood		+							C	
7.2.3. Team duties and responsibilities TR: AFI 48-112, para 3.5		+							C	
7.2.4. Perform Hyperbaric Chamber Crew Duties										
7.2.4.1. Crew Chief		+							b	
7.2.4.2. Chamber operator		+							b	
7.2.4.3. Medical attendant		+							b	
7.2.4.4. Inside Observer										
7.2.4.4.1. Clinical		+							c	
7.2.4.4.2. Operational		+							c	

ATTACHMENT 7
Hyperbaric Medical Technician (SEI 490)

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course		
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl
7.2.5. Appropriate safety procedures when working in hyperbaric facilities TR: National Fire Protection Agency (NFPA) 99 Ch. 14		+							C	
7.2.6. Manage Chamber Emergencies TR: per local Operating Instructions/ Hyperbaric Facility Safety: A Practical Guide. Workman, W. (1999)/ NFPA 99 Ch. 14										
7.2.6.1. Mechanical emergencies		+							c	
7.2.6.2. Power loss		+							c	
7.2.6.3. Loss of accumulator air supply		+							c	
7.2.6.4. Interior/exterior chamber fire		+							c	
7.2.6.5. Contaminated air supply		+							c	
7.2.6.6. Compressor failure		+							c	
7.2.6.7. Loss of breathing gases		+							c	
7.2.6.8. Window failure		+							c	
7.2.7. Operate pass-thru lock		+							c	
7.2.8. Obtain/maintain Advanced Cardiac Life Support (ACLS) certification		+							c	
7.2.9. Hyperbaric Maintenance TR: Per local Operating Instructions/NFPA 99 Ch. 14										
7.2.8.1. Perform daily inspections and maintenance on hyperbaric		+							c	
7.2.8.2. Perform basic troubleshooting procedures on hyperbaric systems		+							c	
7.3. Hyperbaric Patient Care										
TR: Hyperbaric Nursing/ Hyperbaric Medicine Practice										
7.3.1. Manage Patient Needs with Specific Disorders/Emergency Conditions										
TR: Physiology and Medicine of Hyperbaric Oxygen Therapy/ Hyperbaric Medicine Practice/Hyperbaric Nursing										
7.3.1.1. Cardiac arrest		+							c	
7.3.1.2. Oxygen seizure		+							c	
7.3.1.3. Hypoglycemic reaction		+							c	
7.3.1.4. Anxiety		+							c	
7.3.1.5. Claustrophobia		+							c	
7.3.1.6. Decompression sickness		+							c	
7.3.1.7. Arterial gas embolism		+							c	
7.3.1.8. Barotrauma (ears, sinuses, lungs)		+							c	
7.3.1.9. Combative patient		+							c	
7.3.2. Ancillary Medical Equipment										
TR: Hyperbaric Nursing/ Hyperbaric Medicine Practice/Manufactures Manual										
7.3.2.1. Cardiac monitor/defibrillator		+							B	
7.3.2.2. BVM		+							C	
7.3.2.3. Suction device		+							C	
7.3.2.4. Infusion pump		+							B	
7.3.2.5. Glucose monitor		+							B	
7.3.2.6. Ventilator		+							A	
7.3.2.7. Pulse oximeter		+							A	
7.3.2.8. Oxygen hoods/nebulizer		+							B	

ATTACHMENT 7
Hyperbaric Medical Technician (SEI 490)

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course		
			A	B	C	D	E	A	B	C
	Core/Cert^	Deployment*/SEI+	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl
7.3.2.9. Tracheostomy cuffs		+							A	
7.3.3. Monitor IVs during hyperbaric treatment		+							b	
7.3.4. Surgical drains TR: Hyperbaric Medicine Practice		+							A	
7.3.5. Schedule/assist in patient evaluation TR: Hyperbaric Nursing		+							a	
7.3.6. Assist with/perform wound care TR: Wound Care Practice/Lippincott		+							b	
7.3.7. Assist With/Apply Complex Dressings TR: Wound Care Practice/Manufacture Instructions										
7.3.7.1. Negative Pressure Therapy		+								
7.3.7.2. Four Layer Compression Dressing		+								
7.3.7.3. Unna boot		+								
7.3.7.4. Biologically Derived Skin Substitutes										
7.3.7.5. Biomaterial Wound Matrix Dressing		+								
7.3.8. Assist with/perform transcutaneous oxygen monitoring (TCPO2) TR: Hyperbaric Nursing		+							3c	
7.3.9. Perform ankle-brachial index (ABI)		+								
7.4. Hyperbaric Administration TR: Wound Care Practice/Manufacture Instructions										
7.4.1. Hazardous duty pay qualification procedures									A	
7.4.2. Schedule/conduct tour and briefings		+								
7.4.3. Schedule test of pressure dives		+								
7.4.4. Prepare and maintain call rosters		+								
7.4.5. Schedule daily chamber activities		+								
7.4.6. Orient Medical Supplemental Team Members TR: AFI 48-112/ per local Operating Instructions										
7.4.6.1. Administrative procedures		+								
7.4.6.2. Inside observer duties		+								
7.4.6.3. Principles of hyperbaric chamber safety and equipment familiarization		+								
7.4.7. Documentation And Forms										
7.4.7.2. AF Form 1389, Clinical Hyperbaric Treatment Record		+							B	
7.4.7.3. Personnel documentation (Dive Folders)		+							A	

ATTACHMENT 8
Aeromedical Evacuation (X4N0X1X/SEI 494)

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT				4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course		
	Core/Cert^	Deployment*/SEI+	A	B	C	D	A	B	C
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	3-lvl	5-lvl	7-lvl
8. AEROMEDICAL EVACUATION (AE)									
8.1 Stresses of flight		+						C	
8.2. Perform Inflight Patient Care TR: AFI 48-307 Vol 1, Vol 2, Vol 3									
8.2.1. Patient assessment		+						3c	
8.2.2. Respiratory disorders		+						3c	
8.2.3. Cardiac disorders		+						3c	
8.2.4. Neurological disorders		+						2b	
8.2.5. Pediatrics		+						2b	
8.2.6. Obstetrics		+						2b	
8.2.7. Orthopedic disorders		+						3c	
8.2.8. EENT disorders		+						2b	
8.2.9. GI/GU disorders		+						2b	
8.2.10. Burns		+						3c	
8.2.11. Mental health		+						3c	
8.2.12. Decompression sickness		+						2b	
8.2.13. Blood dyscrasias		+						2b	
8.2.14. Diabetes		+						2b	
8.2.15. Unconscious/Difficult to Arouse Patients		+						2b	
8.2.16. Wound management		+						3c	
8.2.17. Pain assessment and management		+						3c	
8.2.18. Infection control		+						3c	
8.2.19. Patient care documentation		+						3c	
8.3. Respond To Patient Emergencies TR: AFI 48-307 Vol 1, AFI 11-2AE Vol 3									
8.3.1. Cardiac/respiratory arrest interventions		+						3c	
8.3.2. Shock		+						3c	
8.3.3. Hyperventilation/hypoxia		+						3c	
8.4. Operate AE Medical Equipment TR: AFI 11-2AE Vol 3; AFMAN 10-2909; Aeromedical Evacuation Equipment Compendium									
8.4.1. Chest drainage devices		+						3c	
8.4.2. Wound Vac/Negative Pressure		+						2c	
8.4.3. Oxygen analyzer/MiniOX		+						b	
8.4.4. Ventilator		+						b	
8.4.5. Cardiac monitor/defibrillator		+						3c	
8.4.6. Litter and backrest		+						3c	
8.4.7. Use of Restraints		+						3c	
8.4.8. Pulse oximeter		+						3c	

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT				4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course		
	Core/Cert^	Deployment*/SEI+	A	B	C	D	A	B	C
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	3-lvl	5-lvl	7-lvl
8.4.9. Suction devices		+						3c	
8.4.10. Electrical Cable Assembly Set (ECAS)		+						b	
8.4.11. Infusion pumps		+						3c	
8.4.12. Vital signs monitor		+						3c	
8.4.13. Bag valve mask		+						3c	
8.4.14. Airway adjuncts		+						3c	
8.4.15. Neonatal transport device		+						a	
8.4.16. Next-Generation Portable Therapeutic Liquid Oxygen (NPTLOX) System		+						3c	
8.5. Locate Supplies In AE Inflight Kit		+						2b	
8.6. Patient movement items/plexus		+						b	
8.7. AE Technician (AET) Duty Progression TR: AFI 11-2AE Vol's 3; AFMAN 11-2AE Vol 1; AFMAN 11-2AE Vol 2									
8.7.1. AET (X4N0X1)		+						A	
8.7.2. AET flight instructor		+						A	
8.7.3. AET flight examiner		+						A	
8.8. Perform Cockpit/crew resource management (CRM) TR: AFIs 11-290, 36-2243		+						3c	
8.9. Aircraft/Flightline Safety TR: AFI 11-2AE Vol 3, T.O. 1-CXXX-1, T.O 1-KCXXX, AFMAN 11-2AE Vol 3 ADDENDA-A									
8.9.1. Engine air intake and exhaust		+						3b	
8.9.2. High-intensity sound		+						3b	
8.9.3. Propeller/rotor planes of rotation		+						3b	
8.9.4. Aircraft electrical system safety		+						3b	
8.9.5. Aircraft oxygen system safety		+						3b	
8.9.6. Aircraft fire extinguishers		+						3b	
8.9.7. Foreign object damage (FOD)		+						3b	
8.9.8. Safe handling of weapons in the aviation environment		+						3b	
8.9.9. Vehicle operations on the flightline		+						3b	
8.9.10. Safety during refueling operations		+						3b	
8.10. Security TR: AFI 11-2AE V3									
8.10.1. Flightline security procedures		+						3b	
8.10.2. Anti-hijacking procedures		+						3b	
8.10.3. Anti-terrorism		+						3b	
8.11. Publications TR: AFI 11-201; AFI 11-202 V2; AFI 11-2AE V3									
8.11.1. Apply Aircrew publications		+						3b	

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT				4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course		
	Core/Cert^	Deployment*/SEI+	A	B	C	D	A	B	C
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	3-lvl	5-lvl	7-lvl
8.11.2. Locate information in technical orders and standard publications applicable to AE duties and functions		+						3b	
8.11.3. Complete applicable forms		+						3b	
8.11.4. Review flight crew information file		+						3b	
8.11.5. Posting changes to standard publications		+						3b	
8.11.6. Use abbreviated checklist		+						3b	
8.12. Aircrew Management TR: AFIs 11-202 series, -401, -402, -11-2AE Vol 3; AFMAN 11-2AE Vol 1; AFMAN 11-2AE Vol 2									
8.12.1. Functions of aviation resource managers		+						3b	
8.12.2. Aviation Resource Management System report		+						3b	
8.12.3. Flight records folder (FRF)		+						3b	
8.12.4. Aircrew Training Program		+						3b	
8.12.5. Flight authorization		+						3b	
8.12.6. Aircrew Standardization/Evaluation Program		+						3b	
8.12.7. Flight evaluation folder (FEF)		+						3b	
8.12.8. General flight rules		+						3b	
8.12.9. Flight currency		+						3b	
8.12.10. Aircrew scheduling restrictions		+						3b	
8.12.11. Calculate crew duty time/crew rest		+						3b	
8.12.12. Calculate flight duty periods		+						3b	
8.13. AE Aircrew Duties/Activities TR: AFI 11-2AE Vol 3, AFMAN 10-2909									
8.13.1. Perform Preflight duties		+						3b	
8.13.2. Perform medical equipment preflight		+						3b	
8.13.3. Perform medical equipment functional checks		+						3b	
8.13.4. Crew duties (CAET, 2AET, 3AET)		+						3b	
8.13.5. Perform patient briefings		+						3b	
8.13.6. Perform Actions Associated with:									
8.13.6.1. Inflight door warning light		+						3b	
8.13.6.2. Ditching		+						3b	
8.13.6.3. Crash landing		+						3b	
8.13.6.4. Fuselage fire/smoke-fumes		+						3b	
8.13.6.5. Emergency signals		+						3b	
8.14 Demonstrate Mission Planning/Management TR: AFI 11-2AE Vol's 3; AFMAN 11-2AE Vol 1; AFMAN 11-2AE Vol 2									
8.14.1. Patient preparation for AE		+						3b	
8.14.2. Transport of blood products		+						3b	
8.14.3. Border clearance procedures		+						3b	
8.14.4. Remain overnight (RON) mission management		+						3b	

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT				4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course		
	Core/Cert^	Deployment*/SEI+	A	B	C	D	A	B	C
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	3-lvl	5-lvl	7-lvl
8.14.5. Perform patient enplaning/deplaning procedures		+						3b	
8.14.6. Develop patient positioning plan		+						3b	
8.14.7. Perform mission launch/recovery procedures		+						3b	
8.14.8. Apply Patient Administrative Management TR: AFI 11-2AE Vol 3; AFI 48-307									
8.14.8.1. Do Not Resuscitate								3b	
8.14.8.2. Sign-out of AE system								3b	
8.14.8.3. Powers-of-attorney								3b	
8.15. Demonstrate Aeromedical Evacuation Aircraft TR: Applicable T.O. 1C-XX-1, AF 11-2AE Vol 3; T.O. 1-CXXX-1; T.O 1-KCXXX; AFMAN 11-2AE Vol 3, ADDENDA-A									
8.15.1. Capabilities of Air Mobility aircraft		+						3b	
8.15.2. Provide patient oxygen using aircraft therapeutic oxygen system		+						3b	
8.15.3. Provide electrical power for medical equipment using aircraft electrical system		+						3b	
8.15.4. Configure aircraft for AE mission		+						3b	
8.15.5. Floor load litter patients for AE mission		+						3b	
8.15.5. Operate Doors/Hatches		+						3b	
8.15.6. Emergency equipment		+						3b	
8.15.7. Fire extinguisher		+						3b	
8.15.8. Oxygen mask/goggles		+						3b	
8.15.9. Emergency passenger oxygen		+						3b	
8.15.10. Crash axe		+						3b	
8.15.11. Escape ropes		+						3b	
8.15.12. Emergency crew oxygen sources		+						3b	
8.16. Demonstrate Aeromedical Evacuation Operations TR: AFTTP 3-42.5 AFI 11-2AE Vol. 3; AFI 48-307									
8.16.1. Patient movement request		+						3b	
8.16.2. Patient movement requirements centers (PMRC)		+						3b	
8.16.3. AE command & control (C2) agencies		+						3b	
8.16.4. Classification of AE patients		+						3b	
8.16.5. Movement precedence of AE patients		+						3b	
8.16.6. Responsibilities of originating facilities		+						3b	

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
9. NEURODIAGNOSTIC SPECIALTY _											
9.1. Patient Management TR: Principles of Neurophysiologic Testing: EEG; Fundamentals of EEG Technology Vol's 1 & 2; Rowan's Primer of EEG; Back to Basics: A Handbook of EEG Technology											
9.1.1. Schedule patient for examination									-		
9.1.2. Review patient referral prior to appointment									-		
9.1.3. Develop rapport with patient									c		
9.1.4. Obtain pertinent patient history									c		
9.1.5. Brief patient on examination procedures									c		
9.1.6. Maintain required records									-		
9.2. Clinic, Laboratory and Equipment Management											
9.2.1. Develop and maintain provider schedules									1a		
9.2.2. Maintain neurodiagnostic referral queue									1a		
9.2.3. Maintain clinic & laboratory with necessary supplies									1a		
9.2.4. Schedule required maintenance for NDT equipment/software									1a		
9.2.5 NDT Equipment Safety Precautions and Maintenance TR: Fundamentals of EEG Technology Vol 1; Equipment Operators Manual											
9.2.5.1. Types of exam locations to be avoided									B		
9.2.5.2. Non-physiological interference management									B		
9.2.5.3. Maintain filing system for records and reports IAW local record management									-		
9.2.5.4. Proper handling & storage									B		
9.2.5.5. Perform minor maintenance									1a		
9.2.5.6. Replace worn-out diagnostic supplies									3b		
9.2.5.7. Report major equipment breakdown to manufacturer									-		
9.2.5.8. Maintain required maintenance records									-		
9.3. Neuroanatomy & Physiology 201 TR: Fundamentals of EEG Technology Vol 1; Principles of Anatomy & Physiology; Practical Guide for Neurophysiologic Testing: EEG											
9.3.1. The nerve cell									C		
9.3.2. Neuroglia									C		
9.3.3. Central nervous system (CNS)									C		
9.3.4. Cerebral protection & circulation									C		
9.3.5. Peripheral nervous system (PNS)									C		
9.3.6. Cranial nerves									C		
9.3.7 Understand Common NDT Diseases & Disorders TR: Fundamentals of EEG Technology Vol 1; Principles of Anatomy & Physiology; Practical Guide for Neurophysiologic Testing: EEG											
9.3.7.1. Brain Tumors									B		
9.3.7.2. Aneurysms									B		
9.3.7.3. Encephalopathies									B		
9.3.7.4. Headaches/Migraines									B		
9.3.7.5. Traumatic Brain Injuries (TBI)									B		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
9.3.7.7. Cerebrovascular Accidents (CVA)									B		
9.3.7.8. Demyelinating diseases									B		
9.3.7.9. Infectious diseases/disorders									B		
9.3.7.10. Cerebral Palsy									B		
9.3.7.11. Degenerative diseases									B		
9.3.7.12. Non-epileptic seizures/behavioral disorders									B		
9.3.8. Seizure Disorders TR: Fundamentals of EEG Technology Vol 1; Principles of Anatomy & Physiology; Practical Guide for Neurophysiologic Testing: EEG											
9.3.8.1. Seizure classifications									C		
9.3.8.2. Epilepsy									C		
9.3.8.3. Antiepileptic drugs & treatments									B		
9.3.8.4. Seizure safety									C		
9.4. Introduction to Neurodiagnostic Technology TR: Fundamentals of EEG Technology Vol 1; Rowan's Primer of EEG											
9.4.1. Voltage, resistance and electrical safety									B		
9.4.2. Amplifiers & impedance									B		
9.4.3. Filters & display time									B		
9.4.4. Digital EEG instrumentation									B		
9.4.5. Troubleshooting the EEG operating system									3b		
9.4.6. Localization & polarity									B		
9.5. Introduction to Electroencephalography (EEG) TR: Fundamentals of EEG Technology Vol's 1 & 2; Principles of Neurophysiologic Testing: EEG; Rowan's Primer of EEG; Atlas of Adult Electroencephalography											
9.5.1. History of EEG									B		
9.5.2. EEG indications									B		
9.5.3 Physiology of EEG Waveforms TR: Fundamentals of EEG Technology Vol's 1 & 2; Principles of Neurophysiologic Testing: EEG; Rowan's Primer of EEG; Atlas of Adult Electroencephalography											
9.5.3.1 Determine waveform frequency									3b		
9.5.3.2. Determine waveform amplitude									3b		
9.5.3.3. Determine waveform duration									3b		
9.5.3.4. Identify correct location & occurrence									3b		
9.5.3.5. Identify sleep waveforms & patterns									3b		
9.5.3.6. Determine sleep stages during EEG									3b		
9.5.3.7 Identify Benign EEG variants									3b		
9.5.3.8. Identify & Correct physiological and non-physiological EEG Artifacts									3b		
9.5.3.9. Identify activation procedure results									3b		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
9.5.3.10. Identify maturation changes affecting the EEG									3b		
9.6. EEG Procedure											
TR: Rowan's Primer of EEG 2nd Edition" and ACNS Guidelines											
9.6.1. Infection control techniques & PPE									B		
9.6.2. Measure patient head IAW: I10-20 System of Electrode Placement									3b		
9.6.3. Understand difference between I10-20 and I10-10 Systems									A		
9.6.4. Apply appropriate type of electrodes IAW I10-20 System									3b		
9.6.5. Electrode Types & Uses											
TR: Current Practice of Clinical Electroencephalography 3rd Edition											
9.6.5.1. Disc electrodes									B		
9.6.5.2. Subdermal/Needle electrodes									A		
9.6.5.3. Depth electrodes									A		
9.6.5.4. Sphenoidal electrodes									A		
9.6.5.5. Grid electrodes									A		
9.6.5.6. Nasopharyngeal electrodes									A		
9.6.5.7. Clip-on electrodes									B		
9.6.5.8. Physiological monitoring electrodes									B		
9.6.5.9. Electrocorticography/Wick electrodes									A		
9.6.5.10. Subdural electrodes									A		
9.6.5.11. Epidural electrodes									A		
9.6.6. Perform Basic EEG Procedures											
TR: Fundamentals of EEG Technology: Basic Concepts and Methods Vol 1 & 2nd TR: American Clinical Neurophysiology Society (ACNS) Guidelines											
9.6.6.1. Paste method									3b		
9.6.6.2. Collodion method									3b		
9.6.6.3. Electrode cap method									3b		
9.6.6.4. Perform instrument Calibration									3b		
9.6.6.5. Perform Biological Calibration									3b		
9.6.6.6. Bipolar Montage									3b		
9.6.6.7. Transverse Montage									3b		
9.6.6.8. Referential Montage									3b		
9.6.6.9. Ensure technical adequacy of recording									3b		
9.6.6.10. Identify & eliminate artifact									3b		
9.6.6.11. Complete technologist report									3b		
9.6.6.12. Provide interpretation to ordering medical provider									3b		
9.7. Perform EEG on Patients with Special Considerations											

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: Spehlmann's EEG Primer 3rd Edition; American Clinical Neurophysiology Society (ACNS) Guidelines											
9.7.1. Intubated patients									3b		
9.7.2. Spinal injury patients									3b		
9.7.3. Burr holes									2b		
9.7.4. Bone flaps									2b		
9.7.5. Comatose									3b		
9.7.6. Ventilated patients									3b		
9.7.7. Mentally impaired patients									3b		
9.7.8. Non-cooperative patients									3b		
9.7.9. Neonates									2b		
9.7.10. Brain death									2b		
9.8. Abnormal EEG Waveforms & Patterns											
TR: Spehlmann's EEG Primer 3rd Edition											
9.8.1. Spike									B		
9.8.2. Sharp wave									B		
9.8.3. Spike & wave complexes									B		
9.8.4. Paroxysm									B		
9.8.5. Polyspike									B		
9.9. Assist Neurologist with Additional Procedures											
TR: Practical Guide for Neurophysiologic Testing: EP, LTM, IOM, PSG, and NCS; American Clinical Neurophysiology Society (ACNS)											
9.9.1. Lumbar Puncture									1a		
9.9.2. Botox injection									1a		
9.9.3. Muscle biopsy									1a		
9.9.4. Electromyography studies									1a		
9.9.5. Cognitive assessments									1a		
9.9.6. Intraoperative monitoring/neurosurgical procedures									1a		
9.9.7. Electrocerebral Inactivity Studies/ECI									2b		
9.9.8. Perform concussion assessments											
9.9.8.1 Military Assessment of Concussion Exam (MACE)									1a		
9.9.8.2 Standard Assessment of Concussion (SAC) & Balance Error Scoring Sheet									1a		
9.10. Perform Evoked Potential Exams											
TR: Sphelmann's Evoked Potential Primer											
9.10.1. Visual Evoked Potential (VEP)									1b		
9.10.2. Brainstem Auditory Evoked Potential (BAEP)									1b		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
9.10.3. Lower Extremity Somatosensory Evoked Potential (LSSEP)									1b		
9.10.4. Upper Extremity Somatosensory Evoked Potential (USSEP)									1b		
9.11. Perform Nerve Conduction Velocity Studies											
TR: Principles of Neurophysiologic Testing: NCS, EP, PSG, LTM & IOM											
9.11.1. Motor Nerve Conduction Velocity (NCV) Exams											
9.11.1.1. Posterior Tibial motor									3b		
9.11.1.2. Deep Peroneal motor									3b		
9.11.1.3. Median motor									3b		
9.11.1.4. Ulnar motor									3b		
9.11.2. Sensory Nerve Conduction Velocity (NCV) Exams											
9.11.2.1. Radial sensory									3b		
9.11.2.2. Median Palmar sensory									3b		
9.11.2.3. Sural sensory									3b		
9.11.2.4. Ulnar Digital sensory									3b		
9.11.2.5. Median Digital sensory									3b		
9.11.2.6. Ulnar Palmar sensory									3b		
9.11.3 Perform/Assist Provider with Additional NCV Studies											
9.11.3.1 H-Reflex exam									1a		
9.11.3.2 F-wave exam									1a		
9.12. Polysomnography (PSG) Procedures											
TR: Essentials of Polysomnography: A Training Guide & Reference for Sleep Technicians 2nd Edition; Spriggs											
9.12.1. Scalp electrode application IAW I10-20 System									3b		
9.12.2. Physiological monitor application									3b		
9.12.3. Obtains adequate sleep (EEG) recording									3b		
9.12.4. Properly identifies & labels sleep states									3b		
9.12.5. Evaluates and documents respiratory events									2a		
9.12.6. Performs proper air pressure titration treatment									1a		
9.12.7 Perform/Assist Provider with Additional PSG Studies											
9.12.7.1. Maintenance of Wakefulness Test (MWT)									2b		
9.12.7.2. Multiple Sleep Latency Test (MSLT)									2b		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
10. INDEPENDENT DUTY MEDICAL TECHNICIAN											
10.1. Administration Of Medical Activities/Procedures											
10.1.1. Beneficiary counseling and assisting coordinator TR: AFMAN 41-210									B		
10.1.2. Line-of-duty (LOD) determination TR: AFIs 36-2910, AFMAN 41-210									B		
10.1.3. Performance improvement TR: AFIs 44-103, 44-119									B		
10.1.4. Medical logistics procedures TR: AFMAN 41-209, 44-103									B		
10.1.5. Medical affirmation claims TR: AFMAN 41-210									B		
10.1.6. IDMT program TR: AFI 44-103									B		
10.1.6.1. Training documentation TR AFI 36-2651									B		
10.1.7. Post-mortem procedures TR: AFI 34-501, 36-3002									B		
10.1.8. Resource management TR: AFMAN 41-120									B		
10.1.9. Aircrew Management TR: AFI 48-149											
10.1.9.1. Aircraft mishap response/investigation TR: AFMAN 91-223, AFI 48-149									B		
10.1.9.2. Aeromedical dispositions									B		
10.1.10. Operational Reporting											
10.1.10.1. MEDRED C TR: AFI 41-106									B		
10.1.10.2. Disease Non-Battle Injury (DNBI) Report TR: AFI 48-105									B		
10.1.10.3. On-site Situation Report (SITREP)									B		
10.1.10.4. After-action report TR: AFI 44-106									B		
10.1.10.5. Utilize Deployable Medical Record System TR: www.health.mil									B		
10.1.10.6. Personnel Reliability Program (PRP) TR: DODM 5210.42_AFMAN 13-501; www.transcom.mil									B		
10.1.11. Communicable disease reporting TR: Armed Forces Reportable Guidelines and Case Definitions									B		
10.1.12. Maintain military health records TR: AFMANs 41-210, 47-101									3c		
10.1.13. Files maintenance TR: AFMANs 33-363, 47-101									B		
10.1.14. Duty limiting conditions reporting TR: 48-203									B		
10.1.15. Drug Demand Reduction Prgm duties TR: AFMAN 44-197									b		

ATTACHMENT 10
Independent Duty Medical Technician (4N0X1C/SEI 496)

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
10. INDEPENDENT DUTY MEDICAL TECHNICIAN											
10.1.16. Describe medical evidence protection/chain of custody TR: 91-204, Armed Forces Institute of Pathology Handbook									c		
10.2. History And Physical											
TR: Bates Guide to Physical Examination and History Taking											
10.2.1. Anatomy and Physiology TR: Holes Human Anatomy and Physiology									3c		
10.2.2. Obtain and record medical histories									3c		
10.2.3. Perform patient examinations									3c		
10.2.4. Formulate diagnosis and treatment plans									3c		
10.2.5. Perform gynecological exams									2b		
10.3. Pharmacy And Therapeutics											
TR: Basic and Clinical Pharmacology, Physicians Drug Handbook, Current Medical Diagnosis and Treatment											
10.3.1. Commonly Used Medications									C		
10.3.1.1. Accountability and Maintenance									C		
10.3.1.2. Dispensing Criteria									C		
10.3.1.3. Prescribing Criteria									C		
10.3.2. Controlled Medications TR: AFI 44-102											
10.3.2.1. Accountability and Maintenance									C		
10.3.2.2. Maintain AF Form 579									3c		
10.3.2.3. Perform inventory									3c		
10.3.2.4. Dispensing criteria									3c		
10.3.2.5. Prescribing criteria									3c		
10.3.3. Medication Administration									3c		
10.3.3.1. Adding medication to IV solution									3c		
10.3.3.2. Using secondary bag (piggyback)									3c		
10.3.3.3. IV/IO push									3c		
10.4. Perform Medical Laboratory Procedures											
TR: Bailey & Scott's Diagnostic Microbiology and Washington Manual of Medical Therapeutics											
10.4.1. Macro urinalysis									3c		
10.4.2. Rapid reagent tests									3c		
10.4.3. Portable chemical/blood analyzer									2b		
10.5. Parenteral Therapy											

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: Intermediate Care, Tactical Combat Casualty Care (TCCC) www.naemt.org/education/naemt-tccc/tccc-mp-guidelines-and-curriculum											
10.5.1. Signs and symptoms of fluid deficiencies									C		
10.5.2. Types of fluids utilized to correct fluid deficiencies									C		
10.5.3. Describe intravenous infusion principles									C		
10.6. Patient Disorders											
TR: IDMT Protocols, Merck Manual, Current Medical Diagnosis and Treatment, Essentials of Musculoskeletal Care											
10.6.1. Identification and Management of											
10.6.1.1. Integumentary disorders									C		
10.6.1.2. Eye disorders									C		
10.6.1.3. Ear, nose, and throat disorders									C		
10.6.1.4. Respiratory disorders									C		
10.6.1.5. Cardiovascular disorders									C		
10.6.1.6. Gastrointestinal disorders									C		
10.6.1.7. Genitourinary disorders									C		
10.6.1.8. Gynecological disorders									C		
10.6.1.9. Neurological disorders									C		
10.6.1.10. Behavioral disorders									C		
10.6.1.11. Substance abuse									B		
10.6.1.12. Orthopedic disorders									C		
10.6.1.13. Endocrine disorders									C		
10.6.1.14. Dental disorders									C		
10.7. Perform Minor Surgical Procedures											
TR: Langes Current Emergency Treatment; IDMT Protocol											
10.7.1. Use of local/digital anesthesia									2b		
10.7.2. Advanced Wound care									2b		
10.7.3. Toe nail removal									c		
10.7.4. I & D of abscess									c		
10.8. Population Health Management Concepts											
TR: AFIs 44-170, AFPAM 44-160											
10.8.1. Preventive health assessments									B		
10.8.2. Health promotion education/resources									B		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
10.8.3. Suicide awareness/prevention									B		
10.8.4. Provide Medical guidance to site commander for Air Force Fitness Program TR: AFI 36-2905									B		
10.9. Bioenvironmental Services (BES)											
TR: AFI 44-102, AFI 48-139, AFMAN 48-146,											
10.9.1. Occupational Health											
10.9.1.1. Reproductive Health Program									B		
10.9.1.2. Laser Eye Protection Program									B		
10.9.1.3. Medical investigation of occupational accidents/injuries									B		
10.9.2 Shop Surveys											
10.9.2.1. HAZCOM Considerations									B		
10.9.2.2. Physical stresses									B		
10.9.2.3. Case file management									B		
10.9.2.4. Perform Bioenvironmental Shop Survey									3c		
10.9.3. Waste water collection, treatment, and disposal TR: AFMAN 48-138_IP									B		
10.9.3.1. Waste collection and disposal TR: AFH 10-222 V1									B		
10.9.4.Medical waste collection and disposal TR: AFI 41-201									B		
10.9.5. Drinking Water Surveillance Program TR: AFI 48-144, AFMAN 48-138_IP, 10-246.									B		
10.9.5.1. Portable Sources									B		
10.9.5.1.1. Perform chlorine residual/pH test									3c		
10.9.5.1.2. Perform bacteriological water testing									3c		
10.9.5.2. Responsibilities for monitoring swimming pools, hot tubs, and natural bathing areas TR: AFMAN 48-114									B		
10.10. Public Health											
10.10.1. Principles of epidemiology TR: AFMAN 48-146									B		
10.10.2. Medical entomology TR: AFI 48-102									B		
10.10.3. Administer Food Safety Program TR: AFI 48-116; Food and Drug Administration Food Code and In-Service Food Code https://www.fda.gov/food/fda-food-code/food-code-2017									3c		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
10.10.4. Food Borne Illness Investigation Procedures TR: AFI 48-116									B		
10.10.5. USAF Aeromedical Services Information Management System (ASIMS)									B		
10.10.6. Hearing Conservation Program TR: AFOSH Standards									B		
10.10.7. Occupational Health Examination									B		
10.10.8. Pre/Post Deployment Surveillance Requirements (DD Forms 2795/2796/2900)									B		
10.10.9. Inspect Public Gathering Places											
TR: AFI 48-117											
10.10.9.1. Barber/beauty shops									b		
10.10.9.2. Dormitories									b		
10.10.9.3. Other facilities									a		
10.10.10. Communicable disease prevention and monitoring TR: AFI 48-105									B		
10.10.11. Medical Intelligence											
TR AFPAM 10-219 V5, AFI 10-404, AFI 48-116, AFI 48-117											
10.10.11.1. Vulnerability assessment and site survey									B		
10.10.11.2. Safety and vulnerability of local food and water sources									B		
10.10.11.3. Epidemiological risk assessment									B		
10.10.11.4. Local medical capabilities									B		
10.10.11.5. Vector or pest risk assessment									B		
10.10.11.6. Local billeting and public facilities hygiene									B		
10.10.11.7. Environmental risk assessment									B		
10.10.11.8. Medical Intelligence Briefing									B		
10.11. Emergency Medicine											
10.11.1. Emergency Medicine Considerations											
TR: Management of Wilderness & Environmental Emergencies											
10.11.1.1. Management of environmental emergencies									B		
10.11.1.2. Identification and management of poisonous stings/bites and contact with poisonous plants									B		
10.11.2. Management of Victims of Violent Crimes											
TR: AFI 44-102, AFI 71-101 V1, AFI 90-6001											
10.11.2.1. Management of victims of violent crimes									B		
10.11.2.2. Management of victims of sexual assault									B		
10.11.3. Emergency Medicine Procedures											
TR: Tintinalli's Emergency Procedures											
10.11.3.1. Perform Airway Management											
10.11.3.1.1.Advanced Airway Management									3c		
10.11.3.1.2. Needle thoracentesis									3c		
10.11.3.1.3. Cricothyroidotomy									3c		
10.11.3.1.4. Advanced foreign body removal									3c		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
10.11.3.1.5. Ventilator									2b		
10.11.3.2. Manage obstetrical emergencies									b		
10.11.3.3. Manage multiple systems trauma patient									3c		
10.11.3.4. Perform emergency cardiac care									3c		
10.12. Field Medicine TR: Emergency War Surgery https://www.ustranscom.mil/dtr/dtrp2.cfm											
10.12.1.Traumatic Stress Response TR: AFI 44-153									B		
10.12.2. Patient movement									B		
10.12.2.1. CASEVAC									B		
10.12.2.2. MEDEVAC									B		
10.12.2.3. AIR EVAC									B		
10.12.2.4. Contract evacuation									B		
10.12.3. 9-Line MedEvac Request									B		
10.12.4. TRAC2ES									B		
10.12.5. CBRN considerations									B		
10.12.6. Perform field triage									3c		

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	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
11. SPECIAL OPERATIONS COMMAND MEDIC											
11.1. Command And Control Functions											
TR: AFDs 2-1.6, 2-4.2; AFTTP 3-42.6; USSOCOM Tactical Trauma Protocols/Tactical Medical Emergency Protocols; Recommended Drug List/Canine Tactical Combat Casualty Care											
11.1.1. Use of AFSOF OPLANS/Tactics, Techniques and Procedures (TTP)		+									
11.1.2. Recall doctrine, concepts of operations and policies governing SOF/CSAR medical forces		+									
11.2. Pre-deployment TR: AFI 41-106, AFTTP 3-42.6, AFSOC UTC Allowance Standards USSOCOM Tactical Trauma Protocols/Tactical Medical Emergency Protocol; AFSOC Blood Policy Program; Tactical Combat Casualty Care Guidelines											
11.2.1. Locate supplies in AFSOC UTC equipment sets		+									
11.2.2. Establish Plans And Preparation Requirements (Missions Requirements)		+									
11.3. Casualty Evacuation (CASEVAC) Mission TR: AFTTP 3-42.6											
11.3.1. Identify transport considerations		+									
11.3.2. Identify types of casualties and evacuation priority		+									
11.3.3. Handling of Coalition forces		+									
11.3.4. Handling of High-value targets		+									
11.3.5. Determine Transport times and enroute support requirements		+									
11.3.6. Determine forward staging base capabilities		+									
11.3.7. Coordinate patient movement through Theater Patient Movement Requirements Center (TPMRC)		+									
11.4. Perform responsibilities of advanced echelon (ADVON) personnel											
TR: AFI 41-106, AFTTP 3-42.6, USSOCOM Tactical Trauma Protocols/Tactical Medical Emergency Protocols; Recommended Drug List/Canine Tactical Combat Casualty Care											
11.4.1. Manage deployed medical forces		+									
11.4.2. Identify deployed requirement tasks		+									
11.4.3. Establish command and control relationships (Joint, SOF)		+									
11.4.4. Prepare deployment reports		+									
11.4.5. Prepare CASEVAC mission after action reports		+									
11.4.6. Prepare theatre specific casualty reporting		+									

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert\	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
11.5. Casualty Evacuation (CASEVAC) Operations											
TR: AFTTP 3-42.6, Special Operations Forces (SOF)/Combat Search and Rescue (CSAR) Medical Element Mission Checklist, SOF/CSAR Medical Element CASEVAC Equipment Checklist											
11.5.1. Configure platform for CASEVAC		+									
11.5.2. Establish Pre-mission CASEVAC Communications		+									
11.5.3. Determine/Prepare Aircraft Communication		+									
11.5.4. Determine/Prepare In-flight medical team communication		+									
11.5.5. Coordinate transload communication/patient hand-off		+									
11.5.6. Interpret medevac request 9-line		+									
11.5.7. Coordinate medical clamshell	-	+									
11.5.8. Secure all equipment safely to aircraft	-	+									
11.5.9. Understand patient positioning considerations		+									
11.5.10. Use of litter stanchions and approved aircraft tie-downs		+									
11.5.11. Utilize A/C electrical system		+									
11.6. Pre-flight And Use Specific CASEVAC Equipment TR: Special Operations Forces (SOF)/Combat Search and Rescue (CSAR) Medical Element Mission Checklist, SOF/CSAR Medical Element CASEVAC Equipment Checklist											
11.6.1. Oxygen supply system		+									
11.6.2. Ventilator		+									
11.6.3. Cardiac monitor/defibrillator		+									
11.6.4. ET-C02 monitor		+									
11.6.5. Pulse oximeter		+									
11.6.6. Suction devices		+									
11.6.7. Electrical Cable Assembly Set (ECAS)		+									
11.6.8. Vital signs monitor		+									
11.6.9. Fluid/blood warmer		+									
11.7.2. Rotary wing		+									

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
11.7.3. Tilt wing		+									
11.7.4. Ground and in-flight safety procedures		+									
11.8. Perform Aircraft Emergency Egress TR: Special Operations Forces (SOF)/Combat Search and Rescue (CSAR) Medical Element Mission Checklist, SOF/CSAR Medical Element CASEVAC Equipment Checklist											
11.8.1. Fixed wing		+									
11.8.2. Rotary wing		+									
11.8.3. Tilt wing		+									
11.9. Trans-load Operations TR: Special Operations Forces (SOF)/Combat Search and Rescue (CSAR) Medical Element Mission Checklist, SOF/CSAR Medical Element CASEVAC Equipment Checklist											
11.9.1. Receive patients		+									
11.9.2. Perform on-and off-loading procedures		+									
11.9.3. Receive casualty report		+									
11.9.4. Repeat rapid triage and casualty marking		+									
11.9.5. Give patient report to on-line medical control		+									
11.10.Operate In-flight CASEVAC TR: Special Operations Forces (SOF)/Combat Search and Rescue (CSAR) Medical Element Mission Checklist, SOF/CSAR Medical Element CASEVAC Equipment Checklist											
11.10.1. Aircraft intercom system (ICS)		+									
11.10.2. Intra-medical team communications		+									
11.10.3. Medical control communications		+									
11.10.4. Use of night vision goggles		+									
11.11. Trauma Medicine Skills In Austere Conditions											
TR: AFSOC Handbook 48-1; USSOCOM Tactical Trauma Protocols/Tactical Medical Emergency Protocols; Recommended Drug List/Canine Tactical Combat Casualty Care											
11.11.1. Define triage principles		+									
11.11.2. Manage casualty collection point		+									
11.11.3. Perform and direct mass casualty operations		+									
11.11.4. Perform medical treatment under low light conditions		+									
11.11.5. Understand and apply fluid resuscitation principals to burn management		+									
11.11.6. Perform escharotomy		+									
11.11.7. Treat hyperthermia		+									
11.11.8. Treat hypothermia		+									

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
11.11.9. Treat submersion		+									
11.11.10. Administer USSOCOM-approved medications		+									
11.11.11. Insert and maintain chest tube		+									
11.11.12. Perform surgical cricothyrotomy		+									
11.11.13. Perform venous cut down		+									
11.11.14. Administer volume expanders		+									
11.11.15. Administer whole blood products		+									
11.11.16. Perform walking blood bank transfusion		+									
11.11.17. Administer Concussion Evaluation		+									
11.11.18. Treat acute mountain sickness		+									
11.11.19. Treat retinal hemorrhage		+									
11.11.20. Treat high altitude cerebral edema		+									
11.11.21. Treat high altitude pulmonary edema		+									
11.12. Miscellaneous TR: AFSOCI 48-1010											
11.12.1. Administer Post Exposure Prophylaxis		+									
11.12.2. Set up Tactical Medical Information Program		+									
11.12.3. Obtain and maintain National Registry Paramedic certification		+									
11.12.4. Understand Advance Tactical Provider (ATP) protocols TR: USSOCOM Directive 350-29		+									
11.13. Aerospace Physiology Care En-Route											
11.13.1. Understand and apply atmosphere laws		+									
11.13.2. Understand respiratory and circulatory physiology at altitude		+									
11.13.3. Treat hypoxia		+									
11.13.4. Understand hyperventilation and positive pressure breathing		+									
11.13.5. Understand medical effects of pressure change		+									
11.13.6. Treat Decompression sickness		+									
11.13.7. Understand cabin pressurization effects on patients		+									
11.13.8. Factors affecting tolerance to flight		+									
11.13.9. Use aircrew emergency oxygen		+									
11.13.10. Understand atmospheric pressure changes		+									
11.13.11. Understand ambient air temperatures effect on patients		+									
11.13.12. Treat airsickness		+									
11.13.13. Understand high cabin noise levels effect on patients		+									

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
12. AEROSPACE MEDICINE TR: AFIs 48-123/48-149, Knowledge Exchange(Kx)											
12.1. Principles											
12.1.1. Mission/responsibilities									A		
12.1.2. Aerospace crew positions/duties									A		
12.1.3. Flying/Special Operational Duty (SOD) Safety program									A		
12.1.4. Deployment Availability Working Group (DAWG)									B		
12.1.5. Occupational and Environmental Health Working Group (OEHWG)/Flight and Operational Medicine Working Group (FOMWG)									A		
12.2. Information Systems											
TR: AFI 41-210, 41-211/48-123/ASIMS User Guide/PEPP Guides/Kx									A		
12.2.1. Overview of information Systems	5								A		
12.2.2. Aeromedical Information Management Waiver Tracking System (AIMWTS)									A		
12.2.3. Physical Examination Processing Program (PEPP)									B		
12.3. Publications											
12.3.1. Waiver Guide TR: Kx									B		
12.3.2. Certification and Waiver Authority TR: AFI 48-123									B		
12.3.3. Laser Exposure Guide Book									B		
12.3.4. Personnel Reliability Armed Program (PRAP) TR: AFMAN 13-501; DODI 5210.42R; AFI 31-207									B		
12.4. Human Anatomy and Physiology TR: Elsevier											
12.4.1. Aerospace Physiology											
12.4.1.1. Physics of the atmosphere									A		
12.4.1.2. Human factors									A		
12.4.1.3. Hypoxia/hyperventilation									A		
12.4.1.4. Decompression Sickness/Hyperbaric medicine									A		
12.4.1.5. Speed and acceleration									A		
12.4.1.6. Spatial disorientation									A		
12.4.1.7. Effects of Medication									A		
12.4.1.8. Aircrew Stresses									A		
12.4.2. Oxygen Therapy for Decompression Sickness/Hypoxia TR: Mosby's Nursing Skills/Flight Surgeon Checklist											
12.4.2.1. Apply Venturi mask/CPAP									3c		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
12.4.2.2. Aviator's positive pressure mask									3c		
12.4.2.3. Perform Blarney Chair									3c		
12.5. Outpatient											
12.5.1. Administrative Procedures TR: AFMAN 41-210											
12.5.1.1. Aeromedical Disposition(AMD)-Care outside Flight/Missile Medicine									A		
12.5.1.2. Review daily appointments in Electronic Health Record for proper AMD									A		
12.5.1.3. Create/Maintain Clinic Template									2b		
12.6. Create/Maintain Flight/Missile Medicine Records											
TR: AFMAN 41-210; AFMAN 13-501; DODI 5210.42R											
12.6.1. Fly									b		
12.6.2. Personnel Reliability Armed Program/Presidential Support Program									b		
12.7. Prepare And Document											
TR: Elsevier Nursing Skills for Nursing/AFI 48-123/41-210/ Kx											
12.7.1. DD Form 2808, Report of Medical Examination									1a		
12.7.2. DD Form 2807 Report of Medical History									1a		
12.8. Preventive Health Assessment (PHA) for Flyers/SOD/MOD/other Non-Flyers											
TR: Kx/ASIMS User guide/AFMAN 41-210/44-170/DoDi 6200.06											
12.8.1. ASIMS database									3c		
12.8.2. Run Squadron reports									a		
12.8.3. Generate DD Form 2992, Medical Recommendation for Flying and Special Operational Duty									3c		
12.8.4. Notify Squadrons									a		
12.8.5. Initial Waivers/Renewals/Interim Evaluations									B		
12.8.6. Conduct medical record reviews									3c		
12.8.7. Military (mobility) unique requirements									3c		
12.8.8. Conduct patient interview									3c		
12.8.9. Record medical history									2b		
12.9. Perform and record visual screening TR: Kx/Paraprofessional Exam Guide (PEG)											
12.9.1. Visual acuities									2b		
12.9.2. Phorias									2b		
12.9.3. Depth perception									2b		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert\	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
12.9.4. Perform Visual Screening									2b		
12.9.4.1. Cone Contrast Testing (CCT)									2b		
12.9.4.2. Amsler grid									2b		
12.9.4.3. Near Point of convergence									2b		
12.9.4.4. Confrontation test									2b		
12.9.5. Tonometry									2b		
12.9.6. Cycloplegic refractions									b		
12.10. Physical Exams TR: Elsevier Nursing Skills/Kx/AFI 48-123/PEG											
12.10.1. Height (standing) and weight									3c		
12.10.2. Buttocks-to-knee measurement									2b		
12.10.3. Perform Reading Aloud Test (RAT)									2b		
12.10.4. Anthropometric Measurements									2b		
12.10.5.Sitting Height									2b		
12.10.6. Functional Reach									2b		
12.10.7. Joint Service									a		
12.11. Perform Ambulance/ Emergency Response Vehicle Operations											
12.11.1. Flight line operations									b		
12.11.2. In-flight/ground emergency response									b		
12.11.3. Radio communication									b		
12.11.4. Perform grid map plotting									b		
12.12. Manage Mission Essential Tasks and Activities for Line Support (METALS)											
TR: Mosby's Nursing Skills/Kx/AFI 48-123											
12.12.1. Document Aircrew Chemo prophylactic Ground Testing									b		
12.12.1.1 Go/No Go									b		
12.12.2. Flying or Special Operational Duty Waiver									B		
12.13. Aircraft/Missile Mishap Investigation											
TR: AFI 91-204 and Flight Surgeon Mishap Checklist/Kx											
12.13.1. Inspect and maintain kits									a		
12.13.2. Assist on-scene with Wing Safety and Flight Surgeon									a		
12.13.3. Prepare reports									a		
12.14. Perform Medical Processing of: TR: AFI 91-204, 37-138, Table 48-1; 48-123/Kx											
12.14.1. Survivors									a		
12.14.2. Fatalities									a		
12.14.3. Pathological specimens									a		
12.14.4. Aeromedical disposition Determination									a		
12.14.5. Flying or Special Operational Duty Log (AF Form 1041)									A		
12.14.6. Medical Recommendation for Flying or Special Duty (AF Form 2992)									A		
12.14.7. Aeromedical consultation service referrals									A		
12.14.8. ECG library									A		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
12.15. MEDICAL STANDARDS											
TR: AFIs 36-2104, 41-210, 48-123, 48-203; Kx; DOD, 5210.42-R, 48-203											
12.15.1. Requirements For Physical Examinations											
12.15.1.1. Determine Physical Exam Requirements									b		
12.15.1.2. Quality Review of Physical Exam Documentation									B		
12.15.1.3. Flying									B		
12.15.1.4. Unmanned Aircraft System II U									B		
12.15.1.5. Non-Flying									B		
12.15.1.6. Special Operations Duty									B		
12.15.1.7. Occupational									B		
12.15.1.8. Dental Types and Classifications									B		
12.15.1.9. Apply medical standards/Using Medical Service Directory									3c		
12.15.1.10. Joint Service Requirements									B		
12.15.1.11. Medical Standards for appointment/enlistment/induction									B		
12.15.2. Medical Evaluation Board (MEB) Process TR: AFI 36-3212, 48-203; AFMAN 41-210											
12.15.2.1. Overview of MEB process									A		
12.15.2.2. IDES									A		
12.15.2.3. Deployment Availability Working Group (DAWG)									A		
12.15.2.4 Law governing disablity evaluation									A		
12.15.2.5 Mandatory examinations									A		
12.15.3. Disposition											
12.15.3.1. Temporary Disability Retirement Limitations (TDRL)									A		
12.15.3.2. Assignment Limitation Code (ALC) C									A		
12.15.3.3. Physical Exam Board Liaison Officer (PEBLO) responsibilities									A		
12.15.3.4. Record review In Lieu Of (RILO) board roles									A		
12.15.4. Medical Treatment Record Review/Management											
TR: AFMAN 41-210											
12.15.4.1. Permanent change of station									a		
12.15.4.2. Security clearance									a		
12.15.4.3. Mobility/deployment									a		
12.15.4.4. Personnel Reliability Armed Program									a		
12.15.4.5. Presidential Support Program (PSP)									a		
12.15.4.6. Retirement/Separation Health Physical Exam (SHPE)									a		
12.15.4.7 Retraining/Special Duty Assignments									b		
12.15.5 Profile Systems											
12.15.5.1. 31/37/81 Roster									B		
12.15.5.2. Purpose									B		
12.15.5.3. PUHLES									B		
12.15.5.4. AF 422 Notification of AF Member Qualification									B		
12.15.5.5. AF 469 Duty Limiting Condition Report									B		
12.15.5.6. Assignment Limitation Codes									B		
12.15.5.7. Performs Quality Review AF 422/469/ALCC									B		

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
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			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
13. NATIONAL REGISTERED PARAMEDIC											
13.1. Knowledge and understanding of current USAF EMS Protocol											
13.1.1.. Assess the need for Airway/Ventilation/Oxygenation Management/Maintenance TR: AAOS Sanders' Paramedic Textbook											
13.1.1.1. Assess the airway		+									
13.2. Perform Airway/Ventilation/Oxygenation Management / Maintenance TR: AAOS Sanders' Paramedic Textbook											
13.2.1. Esophageal airway		+									
13.2.2. Supraglotic airway		+									
13.2.3. BiPAP/CPAP		+									
13.2.4. Chest Decompression - needle		+									
13.2.5. Perform backward upward rightward pressure (BURP)		+									
13.2.6. Cricothyrotomy - needle		+									
13.2.7. Cricothyrotomy - percutaneous		+									
13.2.8. End tidal CO2 monitoring/capnography		+									
13.2.9. End tidal CO2 monitoring/capnometry		+									
13.2.10. Gastric decompression - NG Tube		+									
13.2.11. Gastric decompression - OG Tube		+									
13.2.12. Intubation - nasotracheal		+									
13.2.13. Intubation - orotracheal		+									
13.2.14. Direct laryngoscopy		+									
13.2.15. Positive End-Expiatory Pressure (PEEP)		+									
13.2.16. Suctioning - tracheobronchial		+									
13.2.17. Maintain/monitor ventilator transport		+									
13.3. Identify the need for cardiovascular and circulatory care. TR: Current American Heart Association Emergency Cardio Vascular Care; USAF EMS Pre-Hospital Protocols; AAOS Sanders' Paramedic Textbook											
13.3.1. Identify Cardiac Arrhythmias		+									
13.4. Assess the need for cardiovascular and circulatory care. TR: Current American Heart Association Emergency Cardio Vascular Care; USAF EMS Pre-Hospital Protocols; AAOS Sanders' Paramedic Textbook											
13.4.1. Perform cardiovascular and circulatory care.		+									
13.4.1.1. Multi lead cardiac monitoring (interpret)		+									
13.4.1.2. Single lead cardiac monitoring (interpret)		+									
13.4.1.3. Cardioversion (electrical)		+									
13.4.1.4. Cardioversion (chemical)		+									
13.4.1.5. Manual defibrillation		+									

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
13.4.1.6. Transcutaneous pacing		+									
13.4.1.7. Vagal maneuvers		+									
13.4.1.8. Monitor internal cardiac pacing		+									
13.4.1.9. Mechanical CPR device		+									
13.5. .Identify the need for emergency medication administration TR: Current American Heart Association Emergency Cardio Vascular Care; USAF EMS Pre-Hospital Protocols; AAOS Sanders' Paramedic Textbook											
13.5.1. Determine the need for emergency medication administration		+									
13.5.1.1 Assess the need for medication administration TR: Current American Heart Association Emergency Cardio Vascular Care; USAF EMS Pre-Hospital Protocols; AAOS Sanders' Paramedic Textbook		+									
13.5.1.2. Perform medication administration via Endotracheal Tube		+									
13.5.1.2. Inhaled self-administered nitrous oxide		+									
13.5.1.3. Oral medications adult		+									
13.5.1.4. Oral medications peds		+									
13.5.1.5. Subcutaneous injection adult		+									
13.5.1.6. Subcutaneous injection peds		+									
13.5.1.7. Intramuscular injection adult											
13.5.1.8. Intramuscular injection peds		+									
13.5.1.9. Prefilled or Tubex syringes adult		+									
13.5.1.10. Prefilled or Tubex syringes peds		+									
13.5.1.11. Rectal suppository adult		+									
13.5.1.12. Rectal suppository peds		+									
13.5.1.13. Nasal/Oral gastric adult		+									
13.5.1.14. Nasal/Oral gastric peds		+									
13.5.1.15. IO adult		+									
13.5.1.16. IO peds		+									
13.6. . Identify the need for IV Fluids Initiation and Maintenance TR: Current American Heart Association Emergency Cardio Vascular Care; USAF EMS Pre-Hospital Protocols; AAOS Sanders' Paramedic Textbook											
13.6.1. Identify emergency condition requiring IV fluid initiation and maintenance		+									
13.6.2. Assess the need for IV Fluids Initiation and Maintenance TR: Current American Heart Association Emergency Cardio Vascular Care; USAF EMS Pre-Hospital Protocols; AAOS Sanders' Paramedic Textbook		+									
13.6.3. Perform IV Fluids Initiation and Maintenance		+									
13.6.4. Access indwelling catheters and implanted central IV ports		+									

1. Tasks, Knowledge And Technical References	2. Task		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert^	Deployment*/SEI+	A	B	C	D	E	A	B	C	D
			Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
13.6.5. Central line (monitor only)		+									
13.6.6. IO adult		+									
13.6.7. IO peds		+									
13.6.8. IV access adult		+									
13.6.9. IV access peds		+									
13.6.10. Peripheral IV sites		+									
13.6.10.1. External jugular		+									
13.6.10.2. Subclavian		+									
13.6.11. IV fluids drip/push adult		+									
13.6.12. IV fluids drip/push peds		+									
13.6.13. Medicated IV fluids adult		+									
13.6.14. Medicated IV fluids peds		+									
13.7. Miscellaneous Skills TR: AAOS Sanders' Paramedic Textbook											
13.7.1. Identify the need for thrombolytic therapy		+									
13.7.2. Monitor thrombolytic therapy		+									
13.7.3. Maintain/monitor infusion of blood or blood products		+									
13.7.4. Obtain/maintain Advanced Cardiac Life Support (ACLS)		+									
13.7.5. Obtain/maintain Pediatric Advanced Cardiac Life Support (PALS)		+									
13.7.6. Obtain/maintain Basic Life Support (BLS)		+									
13.7.7. Obtain/maintain Tactical Combat Casualty Course-Combat Paramedic certification		+									

SECTION B – COURSE OBJECTIVE LIST

1. Course Objectives for Initial Skills Course. To obtain a copy of a course objective list, contact the AETC training manager at the 383d Training Squadron.

1.1. Each proficiency coded task or knowledge item taught at the technical school is measured using an objective. An objective is a written instruction for the students, so they know what is expected of them to successfully complete training on each task or knowledge item. Each objective is composed of a condition, behavior, and a standard. The condition is the setting in which the training takes place (type of equipment of references when required). The behavior is the observable portion of the objective (perform hand washing). The standard is the level of performance that is measured to ensure the proficiency code level is maintained (to a 70% or with no instructor assists). All objectives use progress checks (PC) or written test (W) or a combination of both to measure a student's ability (skill) or knowledge.

1.2. The minimum standard for written examinations is 70%. The standard for performance objectives (skills) vary and are indicated in the objective and the performance checklist. The instructor documents each student's progress during skills evaluations with the use of a checklist. Students must satisfactorily complete all progress checks prior to taking a written test.

2. Initial Medical Readiness Training. As directed by AFI 41-106, *Medical Readiness Program Management*, this is provided within the EMRC, conducted at 937th Training Group, JBSA, Camp Bullis, TX.

The EMRC course is conducted within the AMSA course. Completed training is documented on

computer-generated student report for each AMSA course graduate. Continuing/on-going medical readiness training for the individual is the responsibility of each medical facility.

2.1. Tactical Combat Casualty Care (TCCC). Department of Defense Instruction (DoDI) 1322.24, *Medical Readiness Training,* was published mandating role-based TCCC training every 36- months for all Service members. TCCC-Combat Medic training will be accomplished at the 4N0 non-resident medical phase II program sites.

3. Advanced Skills Course. There is currently no advanced course. This area is reserved.

SECTION C – SUPPORT MATERIALS

The following list of support materials is not all-inclusive; however, it covers the most frequently referenced areas:

1. Qualification Training Packages (QTP).

1.1. QTPs must be used for training on all items identified in an individual's STS as a duty position task that have a designated QTP.

1.2. QTPs listed on the Kx have been developed and are official Air Force publications. All QTPs listed can be obtained through Elsevier- Clinical Skills Plus (https://kx.health.mil/kj/kx8/VirtualLibrary/Pages/Clinical%20Skills%20Plus.aspx) this is the KX Virtual Library Clinical Skills Plus page.

1.3. To assist in the standardization of training and to eliminate duplication, the QTPs listed in this section must be used when applicable to an individual's duty position.

1.4. When identified as applicable to an individual's duty position, the frequency that training must be

accomplished byusing each of the QTPs listed in this section is specified next to each QTP module.

1.4. QTPs have been developed and are listed on the following pages for the following specialties:

1.4.1. Aerospace Medical Service Specialty.

1.4.2. Independent Duty Medical Technician.

1.4.3. Neurodiagnostic Technologist.

1.4.4. Allergy/Immunization Technician.

1.5.4. Critical Care Technician.

1.5.5. Gastroenterology Technician.

NOTE: CFM approval is required for all QTPs. MAJCOM coordination is required when requesting development of new QTPs. POC for QTP development is the Air Force Medical Readiness Agency (AFMRA), SGNP, JBSA Lackland-Kelly, TX.

2. Available Aerospace Medical Service Specialty (4N0X1) QTPs (POC: AFMRA/SGNP)

Number	Frequency	Title
QTP 4N0X1-Vol 1		**Fundamentals of Nursing Care**
Module 1	every 24 months	Disinfection Procedures for Equipment
Module 2 (a)/(b)	every 24 months	Orthostatic Vital Signs- Manual Method/Electronic Method
Module 3	every 24 months	Cardiac Monitor/Defibrillator
Module 4	every 24 months	12-lead EKG
Module 5	every 24 months	Life-Threatening Arrhythmias
Module 6	every 24 months	Pulse Oximetry Oxygen Saturation
Module 7	every 24 months	Collect and Label Blood from Venipuncture
Module 8	every 24 months	Test Urine for Sugar, Acetone, Specific Gravity, and Perform Hematest
Module 9	every 24 months	Perform Finger/Heel Sticks for Blood Sampling
Module 10	every 24 months	Use Blood Glucose Meter
Module 11	every 24 months	Medication Administration
Module 12	every 24 months	Intravenous Infusion
Module 13	every 24 months	Blood Administration
Module 14	every 24 months	Tympanometry
Module 15	every 24 months	Measure and Record Intake and Output

Number	Frequency	Title
QTP 4N0X1-Vol 2		**Nursing Care of Patients with Special Needs**
Module 1	every 24 months	Assist with Central Venous Line Insertion and Monitoring
Module 2	every 24 months	Assist with Chest tube Insertion/Monitor Water Seal Drainage
Module 3	every 24 months	Assist with Arterial Line Insertion
Module 4	every 24 months	Assist with Pulmonary Artery Catheter Insertion and Measurements/ Cardiac Output Measurements
Module 5(a)/(b)	every 24 months	Obtaining Radial Arterial Blood Gas Sample- Percutaneously
Module 6	every 24 months	Administering Local Anesthetic Agents
Module 7	every 24 months	Wound Closure
Module 8	every 24 months	Insert/Irrigate/Remove Nasogastric Tube
Module 9	every 24 months	Establish/Maintain/Remove Closed Urinary Drainage System
QTP 4N0X1-Vol 3		**Nursing Care of Patients in Emergency Situations**
Module 1	every 24 months	Field Triage
Module 2	every 24 months	Set-up Equipment for Cardioversion/Defibrillation/Pacemaker
Module 3	every 24 months	Irrigate Eyes
Module 4	every 24 months	Apply Simple Cast/Splint, Trim/Petal, Bivalve, and Remove Cast
Module 5	every 24 months	Emergency Medication Administration
QTP 4N0X1-Vol 4		**Nursing Care in the Outpatient Clinic**
Module 1	every 24 months	Perform Pseudofolliculitis Barbae (PFB) Treatments
Module 2	every 24 months	Perform Wart Clinic Procedures
Module 3	every 24 months	Perform Patch Skin Testing
Module 4	every 24 months	Perform Phototherapy Treatments
Module 5	every 24 months	Perform Laser Therapy Treatments
Module 6	every 24 months	Perform Battlefield Acupuncture

3. Available Independent Duty Medical Technician (4N0X1C) QTPs (POC: IDMT Consultant, JBSA-Fort Sam Houston, TX.): **Note:** QTPs are utilized for initial and refresher IDMT training.

Number	Frequency	Title
QTP 4N0X1C-Vol 5		**Bioenvironmental and Public Health Procedures**
Module 1	every 12 months	Perform Chlorine Residual/pH Test
Module 2	every 12 months	Perform Bacteriological Water Testing

Module 3	every 12 months	Conduct Food Safety Inspections
QTP 4N0X1C-Vol 6		**Emergency Medicine Procedures**
Module 1	every 12 months	Airway Management
Module 2	every 12 months	Management of the Multiple System Trauma Patient
Module 3	every 12 months	Emergency Cardiac Care; Administer Medications

4. Available Neurodiagnostic Technologist (4N0X1B) QTPs (POC: Neurodiagnostic Technologist Consultant, JBSA-Fort Sam Houston, TX.):

Number	Frequency	Title
QTP 4N0X1B-Vol 10		**Neurology Specialty**
Module 1	every 24 months	Routine Electroencephalogram
Module 2	every 24 months	Visual Evoked Response Testing
Module 3	every 24 months	Auditory Evoked Response Testing
Module 4	every 24 months	Somatosensory Evoked Response Testing (upper extremity)
Module 5	every 24 months	Somatosensory Evoked Response Testing (lower extremity)

5. Available Allergy/Immunization Technician 4N0X1D QTPs (POC: Allergy/Immunization Consultant):

Number	Frequency	Title
QTP 4N0X1-Vol 11		**Allergy Specialty 4N0X1D**
Module 1	every 24 months	Principles of Allergy
Module 2	every 24 months	Type 1 Hypersensitivity Skin Testing; Intradermal and Prick
Module 3	every 24 months	Perform Routine Spirometry
Module 4	every 24 months	Administration and management of immunotherapy injections
Module 5	every 24 months	Mixing of Serial 10 Fold Dilutions
Module 6	every 24 months	Prepare and Administer Xolair (OMALIZUMAB)
Module 7	every 24 months	Oral Challenges
Number	**Frequency**	**Title**
QTP 4N0X1-Vol 12		**Immunization Specialty**
Module 1	every 24 months	Principles of Immunization
Module 2	every 24 months	Active Duty Immunizations

Module 3	every 24 months	Pediatric Immunizations
Module 4	every 24 months	Identify/Treat Adverse Reactions
Module 5	every 24 months	Aeromedical Services Information Management System (ASIMS)
Module 6	every 24 months	Administered/Read Delayed Skin Tests
Module 7	every 24 months	Vaccine Storage and Handling

6. Available Critical Care Technician SEI 487 QTPs (POC: Critical Care Consultant):

Number	Frequency	Title
QTP 4N0X1-Vol 13		**Critical Care**
Module 1	every 24 months	Obtaining Ankle Brachial Index
Module 2	every 24 months	Performing Transurethral Bladder Pressures
Module 3	every 24 months	Set-Up and Assist With Diagnostic Peritoneal Lavage
Module 4	every 24 months	Assisting with Ice-Water Caloric Testing
Module 5	every 24 months	Assist with Ventriculostomy Placement
Module 6	every 24 months	Fiber-Optic Intracranial Pressure Monitoring
Module 7	every 24 months	Synchronized Cardioversion
Module 8	every 24 months	Set-Up and Assist with Transcutaneous Pacing
Module 9	every 24 months	Set-Up and assist with Transvenous Pacing
Module 10	every 24 months	Assist with Intraaortic Balloon Pump Monitoring
Module 11	every 24 months	Drawing Mixed Venous Blood Samples
Module 12	every 24 months	Set-Up and Assist with Intubation/Extubation
Module 13	every 24 months	Endotracheal/Tracheostomy Suctioning
Module 14	every 24 months	Monitor Patient on Mechanical Ventilation
Module 15	every 24 months	Assist with Percutaneous (Bedside) Tracheostomy Placement
Module 16	every 24 months	Set-Up and Assist with Pericardiocentesis
Module 17	every 24 months	Set-Up and Assist with Paracentesis
Module 18	every 24 months	Set-Up and Assist with Lumbar Puncture
Module 19	every 24 months	Set-Up and Assist with Esophagogastric Tamponade Tube Placement
Module 20	every 24 months	Set-Up and Assist with Continuous Tonometric Gastric Sump Placement/Operation
Module 21	every 24 months	Hemodynamics Waveform Recognition

7. Available Gastroenterology Technician (4N0X1) QTPs (POC: JBSA-Fort Sam Houston, TX):

Number	Frequency	Title
QTP 4N0X1-Vol 14		**Gastroenterology**
Module 1	every 24 months	Assisting with Colonoscopy/Assist with Hot Biopsy or Snare Polypectomy
Module 2	every 24 months	Assist with Rigid Sigmoidoscopy/Assist with Flexible Sigmoidoscopy
Module 3	every 24 months	Performing Manual Precleaning of Endoscope
Module 4	every 24 months	Assist with Upper Endoscopy Exam (EGD)
Module 5	every 24 months	Perform Cold Sterilization of Endoscope/Perform Mechanical Sterilization of Endoscope (Steris II Processor) /Olympus/ETC

SECTION D – TRAINING COURSE INDEX

1. Resident Courses.

1.1. Refer to the Education and Training Announcements (ETCA), https://etca.randolph.af.mil, for complete information on the courses listed in this section.

1.2. Resident courses applicable to AFSC 4N0XX.

Course Number	Course Title	Location
L8AQJ4N031 01AA	Aerospace Medical Service Apprentice Program	Fort Sam Houston, TX
AEIQ AE	Aeromedical Evacuation Initial Qualification	Wright-Patterson AFB, OH
L3ALJ4N051C00AB	Independent Duty Medical Technician (IDMT)	Fort Sam Houston, TX
L5ABO4N031 02AA	Aerospace Medical Service Apprentice – Phase II	Designated MTFs
L9AZA4N051 00AA	Allergy/Immunization Technician	Bethesda, MD
J5ALN4N031B00AA	Neurodiagnostic Technologist (NDT)	Fort Sam Houston, TX
B3AZYBLMD XXXX	Survival Evasion Resistance and Escape (B)	Fairchild, WA
B3AZY4F0X1 0A1A	Hearing Conservation Certification (ARC only)	Wright-Patterson AFB, OH
B3AZY4F0X1 0R1A	Hearing Conservation Recertification (ARC only)	Wright-Patterson AFB, OH
B3ABY4N0X1 0A0A	Aeromedical Evacuation Technician (AET) (Full)	Wright-Patterson AFB, OH
B3ALY4N051F 0A1A	Flight and Operational Medicine Technician (FOMT)	Wright-Patterson AFB, OH

NOTE: Reference the ETCA for current course numbers.

2. Career Development Courses (CDC).

2.1. Refer to the Air Force Institute for Advanced Distributed Learning (AFIADL) catalog, http://www.au.af.mil/au/afiadl/, for complete information on the courses listed in this section.

2.2. CDCs applicable to AFSC 4N0XX:

Course Number	Course Title
CDC 4N051A	Aerospace Medical Service Journeyman
CDC 4N051B	Aerospace Medical Service Journeyman
CDC 4N071	Aerospace Medical Service Craftsman

NOTE: Successful completion of CDC 4N051A is mandatory before enrolling in CDC 4N051B.

SECTION E – MAJCOM UNIQUE REQUIREMENTS

1. Air Force Reserve.

1.1. Purpose. This section applies to all Aerospace Medical Services specialty personnel assigned to all Air Force Reserve medical units.

1.2. Seasoning **Training Program (STP) requirements.** Reference AFRCI 36-2204, Air Force Reserve Seasoning Training Program (STP), for details regarding STP roles and responsibilities.

1.3. Occupational Audio Testing. 4N0XXs assigned to physical exams packages at ARC units are authorized to conduct audio testing. These 4N0XXs will complete, maintain, and display certification in hearing conservation by attending the appropriate resident courses (B3AZY4F0X1 0A1A5 or B3AZY4F0X1 0R1A).

1.4. Technical school for AFRC 4N011 can be waived with the proof of NREMT, a nursing license (Registered Nurse or Licensed Practical Nurse/Licensed Vocational Nurse) or other equivalent school. Waiver packages will be submitted IAW AFRC waiver process. (AFRC/A1KE Sharepoint: https://afrc.eim.us.af.mil/sites/A1/a1k/a1ke/SitePages/Home.aspx) The waiver authority is AFRC MFM, in coordination with the CFM.

1.5. OPR: AFRC/SGN, 549 Pine Street, Robins AFB, GA 31098, DSN: 497-1893/2000 or Comm 478-327-1893/2000.

2. Air National Guard (ANG).

2.1. Purpose. This section applies to all Aerospace Medical Service specialty personnel assigned to all Air National Guard units.

2.1. Proficiency Training.

2.1.1. Proficiency Training (Mission Essential Skills Training (MEST)) will be accomplished IAW current Fiscal Year NGB/A1D Workday Guidance.

2.2.2. Mission Essential Skills Training (MEST):

2.2.2.1. MEST resources are provided upon completion of an AFSC awarding course. The maximum MEST length is determined by Career Field Managers to provide Combat Mission Ready (CMR) Airman.

2.2.2.2. The most current annual Fiscal Year (FY) MEST plan is developed by NGB/A1D and intended to maximize training effectiveness. All FY MEST resources are sent to the Wings for applicable FY requirements. Recommendation is for the Medical Group leadership to communicate MEST needs to the Force Development Superintendent and Wing CC. The current recommended MEST days for the 4N is 40 days. A 30 day extension can be requested as well. Proficiency training must be accomplished at an active duty treatment facility or an approved civilian facility. During MEST, the member will be assigned to an active duty/civilian supervisor who will ensure that the appropriate experiences and supervision is provided to assist the member achieve the required proficiencies.

2.3. NREMT Certification.

2.3.1. All ANG 4N0XX personnel (E-1 thru E-8) will maintain NREMT.

2.3.2. Individuals who hold NRP certification meet the intent of the NREMT.

2.3.3. Occupational Audio Testing. 4N0XXs assigned to physical exams packages at ARC units are authorized to conduct audio testing. These 4N0XXs will complete and maintain certification in hearing conservation by attending the appropriate AFMC courses (B3AZY4F0X1 005 or B3AZY4E4F). OPR. ANGRC/SGOK, Conaway Hall 3500 Fetchet Ave., Andrews AFB, MD, 20762-515

SECTION F – DOCUMENTATION OF TRAINING

1. The Electronic Training Record is an enterprise-wide application designed to streamline and standardize training management. Currently, the Total Force Training Record (TFTR) serves as the single, automated repository for all medical enlisted specialty training.

2. TFTR components managed by the supervisor are:

2.1. Master Training Plan (MTP). The MTP employs a strategy for ensuring the completion of all work center job requirements by using a MTL and serves as a guide for supervisors, trainers, and certifiers to ensure that personnel are trained in an effective and efficient manner to meet training and mission requirements. The MTP will include when tasks on the MTL should be trained (priority/milestones), how they will be trained (resources/method), and approximately how long it should take to train on individual tasks or set of tasks. Refer to AFI 36-2651, *Air Force Training Program* for guidance in developing the MTP.

2.2. Duty Task List (DTL). The DTL is a list of all tasks required for a given duty position. The supervisor creates the DTL by selecting tasks from the MTL.

2.3. Training Record. All training is documented in the training record by way of TFTR. This is the electronic version of the former Enlisted Training and Competency Folder. The training record is made up of the AF Form 623 Parts I, II and III; AF Forms 623a, 797, 803 and 1098; and the Job Qualification Standard (JQS). Refer to AFI 36-2651 for guidance in documenting training on the various forms contained within

the training record. **NOTE:** All enlisted personnel (MSgt and below) with a medical AFSC will have an active training record within TFTR.

3. TFTR provides the capability to upload training-related documents into a training record. The following documents (as applicable) will be uploaded into every 4N0X1X training record:

3.1. Current NREMT, TCCC card (for SMSgts and below and CMSgts assigned to 4N0 positions on standard UTCs).

3.1.1. If NRP, current NRP Card, Advanced Life Support Card, and Pediatric Advanced Life Support Card.

3.2. Current Basic Life Support Card.

3.3. Current AF Form 2096 or Military Personnel Data System (MILPDS) product with current skill level and special experience identifier.

3.4. CDC Answer Score Sheets, if enrolled in CDCs. (Maintain until completion of UGT).

3.5. Current IDMT certification letter signed by the MTF SGH.

3.6. Current NDT Registry certificate obtained from ABRET

3.7. Hyperbaric Technicians, current CHT certification and ACLS Card

3.8. Critical Care Technicians currently assigned to a Critical Care position, current ACLS card

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON DC

15 September 2020

MEMORANDUM FOR 383 TRS/TRR

FROM: AFMRA/SG1E (CMSgt Wilkerson)
7700 Arlington Blvd
Falls Church, VA 22042-5157

SUBJECT: 4N0X1 Career Field Education and Training Plan (CFETP) Phase I and Phase II curriculum development

1. The 4N0X1 CFETP published on 24 July 20 utilizing the new Total Force Training Record (TFTR) format. TFTR does not separate Phase I and Phase II training requirements within its current format which both Medical Education and Training Campus (METC) and the 383 TRS/TRR uses to develop curriculum.

2. To alleviate any further confusion and for the development of Phase I and Phase II training requirements, the 4N CFM has approved the use of the Specialty Training Status (STS) 4N0X1 (Pre-publication) finalized on 15 January 20. This is "ONLY" approved for METC and 383 TRS/TRR use for curriculum development.

3. For further information on this subject, SMSgt Ernest Winston, 4N Force Manager, at DSN 761-7580 or via email: ernest.c.winston.mil@mail.mil.

WILKERSON.TALIAH.M.1056905908
Digitally signed by WILKERSON.TALIAH.M.1056905908
Date: 2020.09.17 08:27:03 -04'00'

TALIAH M. WILKERSON, CMSgt, USAF
4N Career Field Manager
Office of the Surgeon General

Attachment:
1. STS 4N0X1 (Pre-publication) V5

Aerospace Medical Service (4N0X1) STS			
1. Tasks, Knowledge and Technical References	**4. Proficiency Codes Used To Indicate RequiredTraining Level (Refer to PC Key)**		
	A		**B**
	3 Skill Level		**5 Skill Level**
	Phase I Course	**Phase II Course**	**CDC**
2. AEROSPACE MEDICAL SERVICE			
2.1. Doctrine, Mission, & Duties			
2.1.1. Medical doctrine TR: ANNEX 4-02 Medical Operations, https://www.doctrine.af.mil/Doctrine-Annexes/Annex-4-02-Medical-Ops/	A	-	B
2.1.1.2. Center for Clinical Inquiry (C2I)/Evidence Based Practice (EBP) TR: https://kx.health.mil/kj/kx2/CenterForClinicalInquiry/Pages/Best-Practice-BLAST.aspx	A	B	B
2.1.2. Medical Readiness TR: (DoDI) 1322.24, Medical Readiness Training/AFI 41-106, Medical Readiness Program Management/AFI 10-301, Managing Operational Utilization Requirements of the Air Reserve Component Forces			
2.1.3. AFSC Scope of Practice/Responsibilities TR: CFETP Pt 1/AFI 36-2651, Air Force Training Program			
2.1.3.1. 4N031	A	-	-
2.1.3.2. 4N051	A	-	-
2.1.3.3. 4N071	A	-	-
2.1.3.4. 4N091	A	-	-
2.1.3.5. 4N000	A	-	-
2.2 INTERPERSONAL RELATIONS TR: Mosby's Essentials for Nursing Assistants, Kinn's The Medical Assistant			
2.2.1. AFMS Customer Service			
2.2.1.1. Customer needs and expectations	A	B	-
2.2.1.2. Customer Service Basics			
2.2.1.2.1. Listening techniques	A	-	-
2.2.1.2.2. Face-to-face contact (non-verbal communication)	A	-	-
2.2.1.2.3. Telephone Etiquette	A	-	-
2.2.1.2.6. Conflict resolution	A	-	B
2.2.1.2.7. Customer service surveys	-	-	B
2.2.3. Professional Standards And Ethics			

TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.2.3.1. Standards of conduct for patient care	A	-	B
2.2.3.2. Patient rights and responsibilities	A	-	B
2.2.3.3. Death and dying	A	-	B
2.2.3.4. Psychological First Aide	-	B	-
2.2.4. Legal Aspects Of Patient Care TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.2.4.1. Health Insurance Portability Accountability Act (HIPAA) TR: AFI 41-200	A	B	-
2.2.4.2. National Practictioner Databank (NPDB) TR: DoDM 6025.13, Encl 9, pgs 68-73	A	-	B
2.2.4.3. Privacy Act TR: AFI 33-332	A	-	-
2.2.4.4. Adverse Actions TR: DoDM 6025.13, Encl 7, pgs 52-62	-	B	-
2.2.4.5. Consent for treatment	A	-	B
2.2.4.6. Standards of care	A	-	B
2.2.4.7 Documentation TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.2.4.7.1. Medical terminology and abbreviations	B	-	-
2.2.4.7.2. Use of medical terms in reporting and recording	-	2b	-
2.2.4.7.3. Legal aspects	A	B	-
2.2.4.7.4. Document nursing assessments	1a	2b	c
2.2.4.7.5. Document interventions/procedures	1a	2b	c
2.2.4.7.6. Document patient education	1a	2b	c
2.2.4.8. Advanced Directives TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.2.4.8.1. “Do Not Resuscitate” (DNR) orders	A	-	B
2.2.4.8.2. Living wills	A	-	B
2.2.4.8.3. Durable power of attorney	A	-	B
2.2.5. Professional Relationships TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.2.5.1. Staff	A	B	-
2.2.5.2. Patient	A	B	-
2.2.5.3. Stress management	A	B	-
2.2.5.4. Patient sensitivity	A	B	-
2.2.5.5. Emotional support for patient and significant others	A	B	-
2.2.5.6. Diversity (cultural, spiritual, religious)	A	B	-
2.3. MILITARY HEALTH SYSTEM (MHS) TR: AFI 41-210			
2.3.1. Components of MHS TR: https://www.health.mil/	-	-	B

2.3.2. Health care benefits options TR: AFMAN 41-210	-	-	B
2.3.4. Information Systems TR: AFI 44-102, AFMAN 41-210; KX			
2.3.4.1. Overview of information systems	A	-	B
2.3.4.2. Electronic Health Record	A	-	B
2.3.4.4. Tri-Service Workflow Forms (TSWF) TR: www.tswf-mhs.com	A	-	B
2.3.4.5. Outpatient Coding	-	-	B
2.3.4.6. CarePoint TR: https://carepoint.health.mil/	-	-	B
2.3.5. USAF Aeromedical Services Information Management System (ASIMS) TR: AFIs 10-250, 48-110; AFMAN 41-210			
2.3.5.1 Individual Medical Readiness (IMR)	A	-	B
2.3.5.2. Immunizations	A	-	B
2.3.5.3. Quarters	A	-	B
2.4. Understand Population Health Management Principles (Continuum of Care) TR: A Guide to Population Health; Medical Management Guide			
2.4.1. Case Management	-	-	A
2.4.2. Disease Management	-	-	A
2.4.3. Utilization Management	-	-	A
2.4.4. Referral Management	-	-	A
2.4.5. Health Care Integrator (HCI)	-	-	A
2.5. RESOURCE MANAGEMENT			
2.5.1. Defense Medical Human Resource System internet (DMHRSi) TR: AFI 41-102	-	-	A
2.5.2. Manpower Considerations and Documents TR: AFIs 36-2110, 38-101; Personnel System Management MilPDS PSD Guide, https://mypers.af.mil/app/answers/detail/a_id/26564			
2.5.2.1. Unit Manpower Document (UMD)	-	-	A
2.5.2.2. Authorization change request (ACR)/authorization change notice (ACN)	-	-	A
2.5.2.3. Unit personnel management roster (UPMR) TR: https://mypers.af.mil/app/answers/detail/a_id/26564	-	-	A
2.5.2.4. Manning assistance	-	-	A
2.5.2.5. Manpower Validation Process (MVP)/Overseas Contingency Operations (OCO)	-	-	A
2.5.3. Equipment/Supply TR: AFMANs 41-209, 41-216, 23-122; Kinn's The Medical Assistant			

2.5.3.1 Budget development and management	-	-	A
2.5.3.2. Perform daily inventory and equipment checks (e.g. crash carts, ambulance, treatment room etc)	-	2b	-
2.5.3.3. Accountability and responsibility	-	-	B
2.5.3.4. Report of survey	-	-	A
2.5.4. Records TR: AFMAN 41-109, AFMAN 23-122, AFMAN 41-216			
2.5.4.1. Activity issue/turn-in	-	-	A
2.5.4.2. Backorder report	-	-	A
2.5.4.3. Custody Receipt Locator List (CRLL) actions/custodial report listing	-	-	A
2.5.4.4. Equipment authorization list (allowance standard)		-	-
2.5.4.7. Equipment replacement plan		-	-
2.5.5. Maintenance			
2.5.5.1. Operator responsibilities	-	-	A
2.5.5.2. Reports	-	-	A
2.5.5.2.3. Repair/calibration requests	-	-	A
2.5.5.2.4. Tag In/Tag Out Process	-	-	A
2.6. SAFETY/RESOURCE PROTECTION TR: AFIs 90-802, 90-821, 91-202, 91-204			
2.6.1. Principles of general safety	B	-	-
2.6.3. Hazard/accident/incident reporting	A	-	-
2.6.4. Hazard Communication (HAZCOM)	A	-	-
2.6.5. Safety Data Sheets (SDS)	A	-	A
2.6.7. AF Form 55	-	-	A
2.7. SUPERVISION TR: Unit Requirements, CFETP, AFH 36-2618, AFI 1-1			
2.7.1.1. Daily Operations	-	-	A
2.7.1.2. Set priorities	-	-	A
2.7.1.3. Develop duty schedule	-	-	A
2.7.1.4. Work Center Orientation	-	-	A
2.7.2. Position Descriptions	-	-	A
2.7.3. Performance Standards	-	-	A
2.8. TRAINING TR AFI 44-119, AFI 36-2651			
2.8.1. Enlisted Specialty Training TR: CFETP 4N0X1X			
2.8.1.1. Career Field Education and Training Plan (CFETP), Part I & Part II STS (scope of practice) overview	A	-	B
2.8.2. Maintain electronic training record documentation	-	-	b
2.8.2.1. Components of Electronic Training Record	-	-	b
2.8.3. Identify personnel training needs	-	-	a
2.8.4. Develop and present in-service training	-	-	a
2.8.5. Develop unit training program			

2.8.5.1. Master Training Plan	-	-	b
2.8.5.2. Master Task List	-	-	b
2.8.5.3. Duty Task List	-	-	b
2.8.5.4. Evaluate personnel in upgrade training	-	-	b
2.8.6. Evaluate training effectiveness			
2.8.6.1. Task knowledge	-	-	b
2.8.6.2. Task proficiency	-	-	b
2.8.7. Recommend personnel for Training			
2.8.7.1. Retraining opportunities	-	-	b
2.8.7.2. Formal training	-	-	b
2.9. Human Anatomy and Physiology 101 TR: Fundamental Concepts and Skills for Nursing; Hole's Human Anatomy and Physiology			
2.9.1. Human Anatomy			
2.9.1.1. Descriptive terms and topographic anatomy	B	-	B
2.9.1.2. Major organs and systems	B	-	B
2.8.2. Human Physiology			
2.9.2.1. Fluid, electrolyte, and acid-base balance	B	-	B
2.9.2.2. Functions and adaptations of cells and tissues	B	-	B
2.9.2.3. Thermal regulation	B	-	B
2.9.2.4. Metabolism/energy production	B	-	B
2.9.2.5. Oxygenation and circulation	B	-	B
2.9.2.6. Nutrition and elimination	B	-	B
2.9.2.7. Activity and rest	B	-	B
2.9.2.8. Protection and regulation	B	-	B
2.9.2.9. Reproduction	B	-	B
2.9.2.10. Human growth, development, and the aging process	B	-	B
2.10. HUMAN DEVELOPMENT TR: Fundamental Concepts and Skills for Nursing; Fundamentals of Nursing; Structure & Function of the Body			
2.10.1. Basic human needs theory	B	-	B
2.10.2. Personal hygiene	B	-	B
2.10.3. Environmental/community health	B	-	B
2.10.4. Nutrition and exercise	B	-	B
2.10.5. Psychological adjustments/mental health	B	-	B
2.10.6. Substance abuse	B	-	B
2.10.7. Body defenses and healing processes	B	-	B
2.11. NURSING 101 TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing; AFI 44-108 Infection Prevention			
2.11.2. Infection Control	B	C	-
2.11.3.1. Body substance isolation	B	C	-
2.11.3.2. Asepsis	B	C	-
2.11.3.3. Sterility of supplies/equipment	B	C	-

2.11.4. Communicable Disease Management TR: Control of Communicable Disease Manual			
2.11.4.1. Infectious hazards reporting procedures	B	-	-
2.11.4.2. Infectious processes; modes of transmission	B	-	-
2.11.5. Procedures TR: Clinical Nursing Skills: Basic to Advanced Skills; Fundamental Concepts and Skills For Nursing; Surgical Technology Principles and Practice			
2.11.5.1. Perform hand-washing	3c	-	-
2.11.5.2. Don/doff sterile gloves	2b	3c	-
2.11.5.3. Don/doff non-sterile gloves	2b	-	-
2.11.5.4. Don/doff sterile gown	2b	3c	-
2.11.5.5. Don/doff non-sterile gown	2b	-	-
2.11.5.6. Set-up/maintain sterile field	2b	3c	-
2.11.5.7. Prepare supplies/equipment for sterilization	1a	2b	c
2.11.5.8. Perform sterilization procedures	a	-	b
2.11.5.9. Perform High Level Disinfection (HLD) procedures	a	-	b
2.11.5.10. Dispose of contaminated materials	1a	2b	c
2.11.5.11. Clean patient unit	b	-	c
2.11.5.12 Perform isolation precautions	2b	-	c
2.11.6. Measure And Record Patient Parameters TR: Clinical Nursing Skills: Basic to Advanced Skills; Fundamental Concepts and Skills For Nursing; Fundamentals of Nursing			
2.11.6.1. Record Temperature	2b	3c	-
2.11.6.2. Assess Pulse rate	2b	3c	-
2.11.6.3. Assess Respiratory rate	2b	3c	-
2.11.6.4. Assess Skin characterisitics	2b	3c	
2.11.6.5. Blood pressure			
2.11.6.5.1. Perform Auscultation	2b	3c	-
2.11.6.5.2 Perform Palpation	2b	3c	-
2.11.6.6. Assess Pain scale	2b	3c	-
2.11.6.7. Perform Height (standing) and weight	2b	3c	-
2.11.6.8. Perform Orthostatic vital signs	b	-	c
2.11.6.9. Perform Neuro checks	2b	-	c
2.11.6.10. Perform Pulse oximetry/oxygen saturation	2b	-	c
2.11.6.11. Perform Intake and output	1a	2b	c
2.11.6.12. Record Body/abdominal girth	-	-	b
2.11.6.13. Perform Spirometry	-	-	b
2.11.6.14. Perform 12-lead EKG	1a	2b	c
2.11.6.15. Perform Peak expiratory flow	2b	-	-
2.11.6.16. Perform Visual acuity test	2b	-	c
2.11.7. Assist With Specimen Collection			

TR: Clinical Nursing Skills: Basic to Advanced Skills, Fundamental Concepts and Skills For Nursing			
2.11.7.1. Cerebral Spinal Fluid (CSF)	-	-	b
2.11.7.2. Cytology	-	-	b
2.11.7.3.1. Collect And Label			
2.11.7.3.1.1. Emesis	-	-	b
2.11.7.3.1.2. Urine	-	-	b
2.11.7.3.1.3. Sputum	-	-	b
2.11.7.3.1.4. Stool	-	-	b
2.11.7.3.1.5. Drainage	-	-	b
2.11.7.3.2. Perform and Label			
2.11.7.3.2.1. Venipuncture	1a	2b	c
2.11.7.3.2.2. Throat Swab	2b	-	c
2.11.7.3.2.3. Strain urine for calculi	-	-	b
2.11.7.3.2.4. Urine Reagent Stick	-	-	c
2.11.7.3.2.5. Capillary Stick	2b	-	c
2.11.7.3.2.6. Use blood glucose meter	2b	-	c
2.12. PHARMACOLOGY			
2.12.1. Calculations TR: Fundamentals of Nursing			
2.12.2 Metric System	A	B	-
2.12.3. Medical Calculations			
2.12.3.1. Perform metric conversions	1a	2b	-
2.12.3.2. Calculate weights and measures	1a	2b	-
2.12.4. Medication and Fluid Therapy TR: Fundamental Concepts and Skills for Nursing; Fundamentals of Nursing; Mosby's Nursing Skills			
2.12.4.1. Safety factors in administration of medications and fluid therapy	A	B	B
2.12.4.2. Pharmacological abbreviations	A	B	B
2.12.4.3. Medication Reconciliation	A	B	B
2.12.4.4. Authorized Drug List (ADL) TR:https://kx.health.mil/kj/kx1/AFMOAEdandTraining/Documents/4N_MedAdmin/4N0_MedAdminPrgmPolicyLtr_21Aug2019.pdf	A	B	B
2.12.5. Administer Medications/Medication Actions, Side Effects, and Guidelines For Administration TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott's Physician's Drug Book Mosby's Nursing Skills			
2.12.5.1. Anesthetic--local	b	2b	-
2.12.5.2. Antacids/Antiflatulents	b	2b	-
2.12.5.3. Anticholinergics	b	2b	-
2.12.5.4. Anticoagulants	b	2b	-
2.12.5.5. Antidiabetics	b	2b	-
2.12.5.6. Antidiarrheals	b	2b	-
2.12.5.7. Antiarrhythmics	b	2b	-

2.12.5.8. Antiemetics	b	2b	-
2.12.5.9. Antiinfectives	b	2b	-
2.12.5.10. Antifungals	b	2b	-
2.12.5.11. Antihistamines	b	2b	-
2.12.5.12. Antihypertensives	b	2b	-
2.12.5.13. Antimigraine Agents	b	2b	-
2.12.5.14. Antineoplastics	b	2b	-
2.12.5.15. Hormone Contraceptives	b	2b	-
2.12.5.16. Antipsychotics	b	2b	-
2.12.5.17. Antitoxins and Antivenins	b	2b	-
2.12.5.18. Antitussives/expectorants	b	2b	-
2.12.5.19. Antivirals	b	2b	-
2.12.5.20. Benzodiazepines	b	2b	-
2.12.5.21. Bronchodilators	b	2b	-
2.12.5.22. Cholinergics	b	2b	-
2.12.5.23. Corticosteroids	b	2b	-
2.12.5.24. Diuretics	b	2b	-
2.12.5.25. Immune Serums	b	2b	-
2.12.5.26. Laxatives	b	2b	-
2.12.5.27. Nonopioid Analgesics	b	2b	-
2.12.5.28. Nonsteriod antiinflammatories	b	2b	-
2.12.5.29. Opioid Analgesics	b	2b	-
2.12.5.30. Opioid antagonists	b	2b	-
2.12.5.31. Salicylates	b	2b	-
2.12.5.32. Vaccines and Toxoids	b	2b	-
2.12.5.33. Vitamins	b	2b	-
2.12.6. Medication Administration TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Mosby's Drug Reference			
2.12.6.1. Patients Rights in Medication Administration	-	2b	-
2.12.6.2. Document medication administration and fluid therapy	-	2b	-
2.12.6.3. Oral medication	-	2b	-
2.12.6.4. Subcutaneous injection	-	2b	-
2.12.6.5. Intramuscular injection	-	2b	-
2.12.6.6. Intradermal injection	-	2b	-
2.12.6.7. Agents in prefilled or Tubex syringes	-	2b	-
2.12.6.8. Autoinjector	-	2b	-
2.12.6.9. Rectal suppository	-	2b	-
2.12.6.10. Vaginal suppository	-	2b	-
2.12.6.11. Ophthalmic ointments and drops	-	2b	-
2.12.6.12. Otic drops	-	2b	-
2.12.6.13. Topical medication	-	2b	-
2.12.6.14. Via updraft nebulizer	-	B	-

2.12.6.15. Via prescribed inhaler	-	2b	-
2.12.6.16. Intranasal medication	-	2b	-
2.12.6.17. Intravenous medication	-	2b	-
2.12.6.18. Sublingual medication	-	2b	-
2.12.7. Administer Scheduled Medications (Schedule II-V) TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.12.7.1. Schedule II			
2.12.7.1.1. Oral administration	-	2b	-
2.12.7.1.2. Intramuscular (IM)	-	2b	-
2.12.7.1.3. Intravenous (IV)	-	2b	-
2.12.7.1.4. Intraosseous (IO)	-	2b	-
2.12.7.5. Intravenous Fluid and Blood Administration			
2.12.7.5.1. Blood Administration TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.12.7.5.1.1. Obtain blood/blood products from blood bank TR: Local Procedures	-	2b	a
2.12.7.5.1.2. Set-up blood warmer and pump TR: User Manual	-	2b	
2.12.7.5.1.3.Monitor Patient for adverse reactions during blood transfusion	-	2b	a
2.12.7.5.1.4. Demonstrate Administration of blood products to a trauma casualty in tactical field care TR: naemt.org, Joint Trauma System	-	2b	a
2.12.7.5.1.5. Walking Blood Bank TR: naemt.org, Joint Trauma System	-	2b	a
2.12.7.6. Parenteral Fluid Therapy TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.12.7.6.1. Set-up and Insert			
2.12.7.6.1.1 Intravenous fluid administration	2b	-	-
2.12.7.6.1.2. Intraosseous fluid administration	-	2b	-
2.12.7.6.1.3. Saline lock	-	2b	-
2.12.7.6.2. Regulate and monitor			
2.12.7.6.2.1. Intravenous fluid administration	2b	-	-
2.12.7.6.2.2. Intraosseous fluid administration	-	2b	-
2.12.7.6.2.3. Saline lock	-	2b	-
2.12.7.6.2.4. Apply armboard or restraints to secure infusion	2b	-	-
2.12.7.6.2.5. Set-up and regulate infusion pumps/controllers	1a	2b	-
2.12.7.6.2.6. Calculate drip rates	2b	-	-
2.12.7.6.2.7. Set-up and regulate infusion pressure bag	1a	2b	-
2.12.7.6.2.8. Change intravenous fluid bags/bottles	1a	2b	-
2.12.7.6.3. Discontinue			
2.12.7.6.3.1. Intravenous fluid administration	2b	-	-
2.12.8. Patient Transfer Techniques			

TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.12.8.1. Principles of proper body mechanics	A	-	B
2.12.8.2. Mechanical aids for lifting and moving	A	-	B
2.12.8.3. Assist To And From TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.12.8.3.1 Bed	2b	-	-
2.12.8.3.2. Wheelchair/chair	2b	-	-
2.12.8.3.3. Bathtub/shower seat	2b	-	-
2.12.8.3.4 Commode	2b	-	-
2.12.8.3.6. Ambulance	-	2b	-
2.12.8.3.7. Stair Chair	-	2b	-
2.12.8.3.8. Stretcher/gurney	a	2b	-
2.12.8.3.9. Examining table	-	2b	-
2.12.8.3.10. Ambulate patients	2b	-	-
2.12.8.3.11. Move patients on/off elevators in wheelchair/stretcher/beds	a	2b	-
2.12.8.4. Prepare Patient Transfer With			
2.12.8.4.1. Monitoring system	a	2b	-
2.12.8.4.2. Oxygen	a	2b	-
2.12.8.4.3. Drainage system	a	2b	-
2.12.8.4. Intravenous lines	a	2b	-
2.12.8.5. Immobilization devices	a	-	-
2.12.9. MEDICAL EXAMINATIONS/SPECIAL PROCEDURES			
2.12.9.1. Assemble Supplies and Equipment/Assist those authorized/licensed to perform the task TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice			
2.12.9.1.1. Chest tube insertion/water seal drainage	a	-	-
2.12.9.1.2. Pelvic examination	a	-	b
2.12.9.1.3 Paracentesis/thoracentesis	-	-	b
2.12.9.1.4. Lumbar puncture	-	-	b
2.12.9.1.5. Biopsy	a	-	b
2.12.9.1.6. Tympanometry	-	-	b
2.12.9.1.7. Minor surgery	a	-	c
2.12.9.1.8. Sigmoidoscopy, proctoscopy, and colonoscopy	-	-	b
2.12.9.1.9. Bronchoscopy	-	-	b
2.12.9.2. Perform TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice			
2.12.9.2.1. Perform basic physical examination	1a	2b	-
2.12.9.2.2. Incentive spirometer	a	-	b

2.12.9.2.3. Sitz bath	-	-	-
2.12.9.2.4. Diabetic foot exam	a	1a	b
2.12.9.2.5. Endotracheal care	-	-	c
2.12.9.2.6. Tracheostomy care	-	-	c
2.12.9.2.7. Contact lens removal	a	-	b
2.12.9.2.8. Fluorescein eye stain	a	-	b
2.12.9.2.9. Ear irrigation	a	-	b
2.12.9.2.10. Eye irrigation	a	-	b
2.12.9.2.15. Perform Clinical Support Staff Protocol (CSSP)	1a	2b	-
2.12.9.3. Wound Management TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice			
2.12.9.3.1. Principles Of			
2.12.9.3.1.2. Complicated wounds	A	-	B
2.12.9.3.2. Perform			
2.12.9.3.2.1. Wound evaluation	2b	-	-
2.12.9.3.2.2. Burns evaluation (TBSA, Depth, etc.)	2b	-	-
2.12.9.3.2.3. Wound irrigation/scrub	a	2b	-
2.12.9.3.2.4. Wound debridement	a	2b	-
2.12.9.3.2.5. Burn debridement	a	2b	-
2.12.9.3.2.6. Subungual hematoma evacuation	-	2b	-
2.12.9.3.2.7. Vacuum drainage system management	-	2b	-
2.12.9.3.3. Administer Local Anesthetic Agents			
2.12.9.3.3.1. Topical	-	-	b
2.12.9.3.3.2. Local infiltration	-	-	b
2.12.9.3.3.3. Digital block	-	-	b
2.12.9.3.4. Wound Closure and Care			
2.12.9.3.4.1. Apply Sterile tape strips	2b	-	-
2.12.9.3.4.2. Perform Stapling	2b	-	-
2.12.9.3.4.3. Perform Suturing	2b	-	-
2.12.9.3.4.4. Apply Surgical glue	2b	-	-
2.12.9.3.4.5. Suture and staple removal	2b	-	-
2.12.9.3.5 Sterile Dressings Application and Change			
2.12.9.3.5.1. Apply Dry	1a	2b	-
2.12.9.3.5.2. Apply Wet-to-dry	1a	-	b
2.12.9.3.5.3. Apply Wet-to-wet	1a	-	b
2.12.9.3.5.3. Apply Wound packing	1a	2b	-
2.12.9.3.5.4. Apply Heat and cold treatments	2b	-	-
2.13. CONSIDERATIONS FOR PATIENTS WITH ACCESS AND FUNCTIONAL NEEDS TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice			
2.13.1. Hazards of immobility	A	-	B

2.13.2. Visually impaired	A	-	B
2.13.3. Hearing impaired	A	-	B
2.13.4. Diabetic	A	-	B
2.13.5. Paralyzed	A	-	B
2.13.6. Elderly	A	-	B
2.13.7. Infant/child/adolescent	A	-	B
2.13.8. Developmental Delays	A	-	B
2.13.9. Post-Traumatic Stress (PTS)	A	-	B
2.13.10. Cancer	A	-	B
2.13.11. Seizure	A	-	B
2.13.12. Amputees	A	-	B
2.13.13. Unconscious	A	-	B
2.13.14. Immunodeficiency disorder	A	-	B
2.13.15. Dialysis	A	-	B
2.13.16. Abusive/self-abusive	A	-	B
2.13.17. Electrosensitive	A	-	B
2.13.18. Traumatic Brain Injury (TBI)	A	-	B
2.13.19. Non-english speaking	A	-	B
2.13.20. Terminally ill	A	-	B
2.13.21. Abused/neglected	A	-	B
2.13.22. Sexual Assault	A	-	B
2.13.23. Burns	A	-	B
2.14. PRE-AND POST OPERATIVE CARE TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.14.1. Assist With TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.14.1.2. Universal Protocol Concept	A		B
2.14.1.3. Anesthesia-related safety measures	b	-	c
2.14.1.4. Post op exercises	b	-	c
2.14.2. Perform TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing			
2.14.2.1.Time Out Procedures	2b	-	-
2.14.2.2. Shaves/scrubs	b	-	-
2.14.2.2. Reporting complication	b	-	-
2.14.2.5. Intermittent Pneumatic Compression Device (IPCD)/Sequential Compression Device (SPD) application/removal	b	-	-
2.15. ORTHOPEDIC PROCEDURES TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice			
2.15.1. Teach and assist patients ambulating with walkers, canes, and crutches	2b	-	-
2.15.3. Apply elastic wraps	2b	-	-

2.15.4. Measure for crutches	2b	-	-
2.15.6. Apply/Remove Simple Cast			
2.16. NUTRITION AND ELIMINATION PROCEDURES TR: Fundamental Concepts and Skills for Nursing			
2.16.1. Patient dietary considerations	A	-	B
2.16.2. Assist with patient feeding	a	-	b
2.16.3. Prepare patient for meal	b	-	-
2.16.4. Pass water/appropriate fluids	b	-	-
2.16.5. Assist/monitor with tube feeding	a	-	b
2.16.6. Administer retention enema	-	-	b
2.16.7. Assist with continuous/intermittent bladder irrigations	-	-	b
2.16.8. GASTROINTESTINAL PROCEDURES/MANAGEMENT TR: Fundamental Concepts and Skills for Nursing, Fundamentals of Nursing, Lippincott Manual of Nursing Practice			
2.16.8.1. Insert Nasogastric Tube	2b	-	-
2.16.8.2. Irrigate Nasogastric Tube	2b	-	-
2.16.8.3. Remove Nasogastric Tube	2b	-	-
2.16.8.7. Apply/Insert and Remove			
2.16.8.7.1. External condom catheter	a	-	-
2.16.8.7.2. Female external catheter	a	-	-
2.16.8.7.3. Foley catheter	2b	-	-
2.16.8.7.4. Straight catheter	2b	-	-
2.16.8.7.5. Pediatric Urine collection bag	a	-	-
2.16.8.7.6. Maintain closed urinary drainage system	2b	-	-
2.17. CARDIOVASCULAR PROCEDURES			
2.17.1. Obtain and Maintain Basic Life Support Healthcare Provider certification TR: American Red Cross (ARC), https://www.redcrosslearning.com/auth/login	3c	-	-
2.17.7. Set-up			
2.17.7.1. Cardiac monitor/defibrillator	1a	2b	-
2.17.7.2. External pacemaker	1a	2b	-
2.17.7.3. Recognize/Report Normal Sinus Rhythms	1a	-	c
2.17.7.4. Recognize/Report Ventricular Tachycardia	1a	-	c
2.17.7.5. Recognize/Report Ventricular Fibrillation	1a	-	c
2.17.7.6. Recognize/Report Pulseless Electrical Activity (PEA)	1a	-	c
2.17.7.7. Recognize/Report Asystole	1a	-	c
2.18. PATIENT PROTECTIVE DEVICES TR: Mosby's Nursing Skills			
2.18.1. Apply protective devices	b	-	-
2.18.2. Use manual holds	b	-	-
2.19. OXYGEN THERAPY			

Fundamental Concepts and Skills for Nursing, Lippincott Manual of Nursing Practice, Transportation of the Sick and Injured (AAOS edition)			
2.19.1. Assemble/interchange fixed and portable oxygen delivery system	3c	-	-
2.19.3. Apply nasal cannula	3c	-	-
2.19.4. Apply simple face mask	3c	-	-
2.19.5. Apply nonrebreather mask	3c	-	-
2.19.6. Apply Venturi mask	a	-	-
2.20.2. Planning Patient Care TR: Fundamental Concepts and Skills For Nursing			
2.20.2.1. Assist with patient admission, discharge, and transfer	1a	2b	-
2.20.2.2. Assist with patient care planning	1a	2b	-
2.20.2.3. Identify problems and special needs	1a	2b	-
2.20.2.4. Instruct patients regarding tests and procedures	a	2b	-
2.20.2.6. Perform post mortem care	a	-	b
2.21. PATIENT SAFETY TR: AHRQ and Partnership for Patients Implementation Guidelines: https://www.jointcommission.org/standards_information/npsgs.aspx; Local MTF policy			
2.21.3. Principles of Trusted Care/High Reliable Organization (HRO)	-	a	-
2.22. PATIENT COMFORT AND HYGIENE TR: Fundamental Concepts and Skills For Nursing			
2.22.1. Assist patient	1a	2b	-
2.22.2. Place patient on fracture bedpan	-	-	-
2.22.3. Perform bed bath	2b	-	-
2.22.4. Make Beds			
2.22.4.1. Unoccupied	2b	-	-
2.22.4.2. Occupied	2b	-	-
2.22.4.3. Surgical	2b	-	-
2.22.4.4. Aeromedical evacuation litter	2b	-	-
2.22.5. Oral Hygiene			
2.22.5.1. Provide denture care	a	-	-
2.22.5.2. Assist with brushing teeth, oral swabs, chapstick, and flossing	a	-	-
2.22.6. Provide Skin Care TR: Clinical Nursing Skills: Basic to Advanced Skills; Fundamental Concepts and Skills For Nursing, Mosby's Nursing Skills			
2.22.6.1. Back massage	b	-	-
2.22.6.2. Perineal hygiene	b	-	-
2.22.6.3. Shampoo	b	-	-
2.22.6.4. Shave	b	-	-
2.22.6.5. Foot care	b	-	-
2.22.6.6. Turn and position patient	2b	-	-
2.23. PULMONARY PROCEDURES			

TR: Fundamental Concepts and Skills For Nursing			
2.23.1. Perform chest percussion and postural drainage	-	-	b
2.23.2. Hood	-	-	b
2.23.3. Croup tent	-	-	b
2.23.4. Humidified oxygen	a	-	b
2.24. MUSCULOSKELETAL TR: Fundamental Concepts and Skills for Nursing, Lippincott Manual of Nursing Practice			
2.24.3. Apply skin traction	-	-	a
2.24.4. Care for external fixation device and pin	-	-	b
2.24.5. Position patient with head halter/cervical tongs	-	-	c
2.24.6. Instruct patients regarding isometric or active exercises	-	-	c
2.24.7. Perform passive or passive assisted exercise	-	-	c
2.26.3. Prepare and Document Report of Care and Treatment TR: AFI 41-210; AFI 10-203; AFI 44-102; AFI 44-170; DoDI 13-04.03			
2.26.3.1. SF 600	1a	2b	c
2.26.3.2. SOAPP Note TR: Fundamental Concepts and Skills For Nursing	1a	2b	-
2.26.3.3. SF 507, Continuation Sheet	1a	2b	-
2.26.3.4. AF Form 469	1a	2b	-
2.26.3.5. AF Form 422, Physical Profile Serial Report to include 31/37/81 report and assignment Limitation Code-C	1a	2b	-
2.26.3.6. SF 558, Emergency and Treatment Record	1a	2b	-
2.26.3.7. DD Form 2766/2766C, Adult Preventive and Chronic Care Flowsheet	1a	2b	-
2.26.3.8. DD Form 2808, Report of Medical Examination	1a	2b	-
2.26.3.9. DD Form 2807, Report of Medical History	1a	2b	-
2.26.4. Preventive Health Assessment (PHA) AFI 44-170			TR:
2.26.4.1. Update ASIMS database	a	-	-
2.26.4.4. Conduct medical record reviews TR: AFMAN 41-210	1a	-	-
2.26.4.5. Military (mobility) unique requirements	A	-	B
2.26.4.6. Conduct patient interview	1a	2b	-
2.26.4.7. Record medical history	1a	2b	-
2.26.5. Medical Evaluation Board (MEB) Process TR: AFIs 10-203, 36-3212, AFMAN 41-210			
2.26.5.1. Overview of MEB process	A	-	-
2.26.5.2. Integrated Disability Evaluation System (IDES) & Deployment Availability Working Group (DAWG)	A	-	-
2.26.5.3. Temporary Disability Retirement Limitations (TDRL)	-	-	A
2.26.5.4. Assignment Limitation Code (ALC)	-	-	A
2.26.5.5. Physical Exam Board Liaison Officer (PEBLO) responsibilities	-	-	A

2.26.6. Medical Treatment Record Review TR: AFMAN 41-210			
2.26.6.1. Permanent change of station	A	-	B
2.26.6.2. Security clearance	-	-	B
2.26.6.3. Mobility/deployment	A	-	B
2.26.6.4. Personnel Reliability Program (PRAP) TR: AFI 31-207	A	-	B
2.26.6.5. Roster validation (31/37/81 Report)	-	-	B
2.27. NATIONAL REGISTRY EMERGENCY MEDICAL TECHNICIAN TR: National Highway Traffic Safety Administration EMT- National EMS education standards; https://www.nremt.org/rwd/public			
2.27.1. Obtain and Maintain National Registry Emergency Medical Technician Certification (NOTE: EMT certifications listed in part I section B para 2 of this CFETP meet requirements)	3c	-	-
2.27.2.Perform Ambulance/Emergency Response Vehicle Operations TR: AFI 11-2AE Vol 3, Emergency Care of the Sick and Injured (AAOS Edition)			
2.27.2.1. Flight line operations	-	-	b
2.27.2.2. In-flight emergency procedures	-	-	b
2.27.2.3. Perform loading/unloader stretcher	2b	-	-
2.27.2.4. Radio Communications	-	-	b
2.27.2.5. Perform grid map plotting	-	-	b
2.28 OPERATE EXPEDITIONARY EQUIPMENT TR: JTTS Clinical Practice Guidelines			
2.28.4. Focused Assessment with Sonography for Trauma (FAST Exam) TR: Operating Manual	a	2b	c