DEPARTMENT OF THE AIR FORCE
Headquarters US Air Force
Washington DC 20330-5000

CFETP 3E7X1
Interim Change 1
1 June 2021

AFSC 3E7X1 FIRE PROTECTION
CAREER FIELD EDUCATION AND TRAINING
PLAN

Compliance with AFI 36-2670, other training policies/documentation, and publication policies is required. CFETP 3E7X1, 2 Aug 2020, is changed as follows:

1. The following changes were made to Part I:

Item	**Page**	**Para**	**Action**
1.	18-19		Aligned duty position certification requirements with DoDI 6055.06 minimum qualification standards
2.	25-28		Added functioning drop downs to career scorecard

2. The following changes were made to Part II:

Item	**Page**	**Para**	**Action**
1.	47-87		Added 9-level to Column 1 (*Task, Knowledge, and Technical References*)
2.	85-86		Added (*) to Column 2 for 9-level (*Core Tasks*)
3.	47-87		Added Column 3 (Certification for OJT) to the STS
4.	86-87		Added Task Qualification Training items to STS
5.	47-87		Adjusted formatting disparities in STS

3. After necessary actions, file this change in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

JOHN B. COOPER, Lieutenant General, USAF
DCS/Logistics, Installation and Mission Support

DEPARTMENT OF THE AIR FORCE
Headquarter US Air Force
Washington DC 20330-5000

CFETP 3E7X1
Part I and II
7 Aug 2020
Incorporating Change 1, 01 June 2021

Air Force Specialty Code (AFSC) 3E7X1

FIRE PROTECTION

BASIC	**SENIOR**	**MASTER**

CAREER FIELD EDUCATION AND TRAINING PLAN

CAREER FIELD EDUCATION AND TRAINING PLAN
FIRE PROTECTION SPECIALTY
AFSC 3E7X1

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Summary of Change 1:

- Added 9-level to Column 1 (*Task, Knowledge, and Technical References*)
- Added (*) to Column 2 for 9-level (*Core Tasks*)
- Added Column 3 (Certification for OJT) to the STS
- Added Task Qualification Training items to STS
- Adjusted formatting disparities
- Added functioning drop downs to career scorecard

PREFACE

This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements and training support resources for the Fire and Emergency Services specialty. The CFETP will provide our people with a clear career path to success and instill rigor in all aspects of our career field training.

The CFETP consists of two parts used by the supervisor to plan, manage, and control training within the career field.

Part I provides information necessary for overall management of the specialty.

- Section A provides general information about how the CFETP will be used.

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

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

- Section D indicates resource constraints.

- Section E identifies transition training guide requirements for SSgt through MSgt.

Part II includes the following:

- Section A identifies the Specialty Training Standard (STS) to include duties, tasks, and technical references to support Air Education and Training Command (AETC) conducted training and correspondence course requirements.

- Section B contains the course objective list and training standards supervisors will use to determine if an Airman has satisfied training requirements.

- Section C identifies available support materials.

- Section D identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses

- Section E identifies MAJCOM-unique training requirements supervisors can use to determine additional training required for the associated qualification needs.

- Section F identifies home station training references and courses material required for this specialty in support of contingency/wartime training.

Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their careers. This plan will enable us to train today's work force for tomorrow's jobs. At the unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this guide.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training (AT*). A formal course training toward a technical or supervisor level Air Force Specialty (AFS). Training is for selected career Airmen in the advanced technology level of the AFS. Graduates are not awarded a new AFSC.

Air Force Career Field Manager (AFCFM). The AF 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 Civil Engineer Center Virtual Learning Center (AFCEC-VLC). Web-based learning within the Civil Engineer Community consisting of instructional modules specific to the AFSC. CAC access required unless password is used from .mil domain.

Air Force Enlisted Classification Directory (AFECD). The Official directory for all military enlisted classification descriptions, codes, and identifiers. The specialty descriptions and codes will be used to identify each Air Force job (valid requirements) and describes the minimum mandatory qualifications of personnel to fill these jobs. The updated AFECD is available at AF Personnel Center's web site located at http://ask.afpc.randolph.af.mil/ under the military classification menu.

Air Force Civil Engineer Center (AFCEC). The focal point for all Civil Engineer training development. All individual AFSC Force Development Managers (FDM) are located at AFCEC.

Air Force Institute of Technology (AFIT). Provides vital, relevant, and connected education that enables Airmen to be ready engineers and great leaders who know how to build sustainable installations to last while leading the change for the Civil Engineer career field.

Air Force Job Qualification Standard/Command Job Qualification Standard (AFJQS/CJQS). A comprehensive task list that describes a particular job type or duty position. Used by supervisors to document task qualifications. The tasks on the AFJQS/CJQS are common to all persons serving in the described duty position.

Career Field Education and Training Plan (CFETP). A comprehensive, multipurpose document encapsulating the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Company Officer Development Program The Company Officer Development Program provides the foundational framework needed to become a quality Company Officer. The program includes 7 sections that include writing assignments, oral boards and workbook training. The 7 sections are Introduction to Company Officer, Structural, ARFF, EMS, Special Operations, Installation Specific, and Contingency Operations.

Computer-Based Training (CBT). A self-paced stand-alone computer product used to deliver interactive subject and task knowledge.

Continuation Training. Additional training exceeding requirements with emphasis on present and future duty assignments.

Core Tasks (♦). Mandatory tasks which the AFCFM has identified as a minimum qualification requirement within an Air Force specialty or duty position. These tasks exemplify the essence of the career field.

Critical Tasks. Tasks that have been identified by the work center supervisor as having a detrimental effect on mission accomplishment if not performed correctly. Critical tasks may or may not be the same as core tasks but are mandatory if identified as 'critical' to the individual's position by the supervisor or work center.

Distance Learning (DL). Includes Video Tele-Seminar (VTS), Video Tele-Training (VTT), and CBT. Formal courses that a training wing or a contractor develops for export to a field location (in place of resident training) for trainees to complete without the on-site support of the formal school instructor. For instance, courses are offered by Air Force Institute of Technology, Air University, and Training Detachment. DL also includes internet courses led by formal school instructors.

Duty Position Tasks. The tasks assigned to an individual for the position currently held. These include as a minimum all core tasks, diamond tasks, critical tasks and any other tasks assigned by the supervisor.

Education and Training Course Announcements (ETCA). Contains specific MAJCOM procedures, fund citations, reporting instructions, and listings for those formal courses conducted or managed by the MAJCOMs or field operating agencies. https://etca.randolph.af.mil

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade Airmen in each skill-level of a specialty.

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

Expeditionary Combat Support-Training Certification Center (ECS-TCC). Total Force training center managed by the Air Force Reserve Command.

Fire and Emergency Services Certification Program (FESCP). An Air Force led DoD-level program designed to enhance the training program to improve firefighter performance reliability and strengthen the professionalism of all DoD Fire and Emergency Services (F&ES) personnel. This program follows International Fire Service Accreditation Congress (IFSAC), National Board on Fire Service Professional Qualifications (Pro Board), and National Fire Protection Association (NFPA) criterion.

Force Development Manager (FDM). An individual assigned to the Air Force Civil Engineer Center (AFCEC) charged with the responsibility for overseeing all training and career field management aspects of a specific Air Force Civil Engineer specialty.

Initial Skills Training. AFS-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one of the technical training wings.

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

Inter-Service Training Review Organization (ITRO). Inter-Service training occurs when one or more military services train together in a formal environment on individual skills in an institutional setting such as the DoD Fire Academy. The ITRO is established to set policies and procedures for Inter-Service training and improve the effectiveness and efficiency consistent with individual service requirements.

Just-in-Time (JIT) Training. Training required just prior to a selected deployment or tasking that delivers training necessary for mission accomplishment. It is typically predicated on hard- to-obtain contingency skills.

MAJCOM Functional Managers (MFMs). Senior leaders, designated by the appropriate functional authority (FA) who provide day-to-day management and responsibility over specific functional communities at the MAJCOM, FOA, DRU, or ARC level. While they should maintain and institutional focus in regards to resource deployment and distribution, FMs are responsible for ensuring their specialties are equipped, developed, and sustained to meet future needs of the total Air Force mission.

Master Task List (MTL). A comprehensive list (100%) of all tasks performed within a work center and consisting of the current CFETP or AFJQS and locally developed AF Forms 797 (as a minimum). Should include tasks required for deployment and/or Unit Type Code (UTC) requirements.

Mission Ready Airmen (MRA) Training. A technical training graduate certified on AFCFM-defined tasks as outlined in the STS and are required to be performed at the next duty station, following course completion.

Mobile Training Team (MTT) (Type 7). Team of course instructors that conducts training using facilities at an operational base; team may use mobile training sets to support training. Mobile training sets usually include trainers, training aids, and operational equipment designed for field use.

MyLearning. Web-based learning system within DoD consisting of instructional modules comprised of sharable content objectives.

Occupational Analysis Report (OAR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS. The information collected from this survey is used to make changes to upgrade training and Weighted Airman Promotion Exams.

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

Proficiency Training. Additional training, either in-residence, advanced/supplemental training courses, or on-the-job training provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an individual in a specific duty position. This portion of the dual channel on-the-job training program occurs both during and after the upgrade training process. It is designed to provide the performance skill required to do the job

Regional Training Site (RTS). Total Force training centers managed by the Air National Guard.

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

Rookie Firefighter Development Program. The F&ESDP is intended for Airman and civilian personnel upon arrival to his or her first duty station after graduating from Louis F. Garland DoD Fire Academy or equivalent. The F&ESDP Rookie Sections consist of three parts; oral board, writing assignments and workbook training that will cover a 120-day period.

Skills Training. A formal course resulting in the award of a skill level.

Specialty Training. A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in the award of a skill level.

Specialty Training Requirements Team (STRT). Subject Matter Experts from each MAJCOM conduct research prior to Utilization and Training Workshop (U&TW), develops training, recommends delivery methods and determines if a full fledge U&TW is required. The team finalizes the CFETP, specialty description and develops a standard for all courses.

Specialty Training Standard (STS). Describes the skills and knowledge that Airmen in the Fire Protection AFS need on the job. It further serves as a contract between the Air Education Training Command (AETC) and the user to show the overall skill-level training requirements for the AFS taught in resident and nonresident courses.

Standard. An exact value, a physical entity, or an abstract concept, established and defined by authority, custom, or common consent to serve as a reference model, or rule in measuring quantities or qualities, establishing practices or procedures, or evaluating results; a fixed quantity or quality.

Subject Matter Expert (SME). An individual with expertise in a particular subject matter, tasked to represent the subject matter to an individual or group for technical accuracy.

Supplemental Training. A formal course which provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of the AFS.

Total Force. All collective Air Force components (active duty, Reserve, Guard, and civilian elements) of the United States Air Force.

Total Force Virtual Learning Center (TFVLC). Anytime, anyplace learning within the Civil Engineer Community consisting of instructional modules and skill-level awarding course material specific to the AFSC. CAC not required from any domain.

Upgrade Training (UGT). Identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7-, and 9-skill levels.

Utilization and Training Workshop (U&TW). An executive decision meeting to vote on funding for instructor authorizations, equipment and facilities needed to support any new or revised training coming from the STRT. They will also determine which organizations will furnish resources and establish commitment and delivery dates in writing, document equipment availability dates and any problems and establish training delivery dates.

PART 1

SECTION A - GENERAL INFORMATION

A1. Purpose: This CFETP provides information necessary for the AFCFMs, MAJCOM functional managers (MFMs), commanders, education and training managers, supervisors/trainers, and certifiers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training personnel in an AFS require to develop and progress throughout their careers. It identifies initial skills, upgrade, qualification, advanced, and proficiency training.

A1.1. **Initial Skills Training** is the AFS-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. For our career field, this training is provided by AETC at the Louis F. Garland Fire Academy located at Goodfellow AFB, TX.

A1.2. **Upgrade Training.** Identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7-, and 9-skill levels.

A1.3. **Qualification Training.** Hands-on task performance training designed to qualify an Airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge training required to do the job.

A1.4. **Advanced Training.** A formal course for training personnel towards a technical or supervisory level in an AFS. Training is for selected career Airmen in the advanced technology of the AFSs. Graduates are not awarded a new AFSC.

A1.5. **Proficiency Training.** Additional training either in-residence, exportable advanced training courses, or on-the-job training, provided to people to increase their skills and knowledge beyond the minimum required for upgrade.

A1.6. **Performance Test Evaluators.** In accordance with DoDI 6055.06-M and DoD F&ES Certification Program Procedural Guide, performance test evaluators cannot be the same individuals who provided the candidate's training and must be certified at least one level above the level being evaluated with a minimum of one-year on-the-job experience in the specific level being evaluated.

A1.7. The CFETP has several purposes, some are:

A1.7.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. It is used to help supervisors identify training at the appropriate point in an individual's career.

A1.7.2. Identifies task and knowledge training requirements for each skill level in this specialty and recommends education/training throughout each phase of an individual's career.

A1.7.3. Lists training courses available in this specialty and identifies sources of training and the delivery methods.

A1.7.4. Identifies major resource constraints that impact full implementation of the desired career

field training process.

A2. Uses. MFMs and supervisors will use the plan at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

A2.1. AETC training personnel will develop/revise formal resident, non-resident, field, and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM and Air Force Civil Engineer Center (AFCEC/CXF) to develop acquisition strategies for obtaining resources needed to provide the identified training.

A2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, qualification, and proficiency training requirements and identify requirements that can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM- developed training to support this AFS must be identified for inclusion into the plan.

A2.3. Unit Education and Training managers and supervisors must ensure each individual completes the mandatory training requirements (including MAJCOM supplemental requirements) for the upgrade training specified in this plan.

A2.4. Each individual will complete mandatory training requirements specified in this plan. The list of courses in Part II of this CFETP will be used as a reference to support training.

A3. Coordination and Approval. The AFCFM is the approval authority for the CFETP. MAJCOM representatives and AETC personnel will identify and coordinate on the career field training requirements. The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

SECTION B - CAREER FIELD PROGRESSION AND INFORMATION

B1. Specialty Descriptions. Fire Protection Apprentice, Journeyman, Craftsman, and Superintendent.

B1.1. Specialty Summary. Protects people, property, and the environment from fire and disasters. Provides fire prevention, firefighting, rescue, hazardous materials and Weapons of Mass Destruction responses. Related DoD Occupational Subgroup: 149500.

B1.2. Duties and Responsibilities for Apprentice, Journeyman, Craftsman, and Superintendent.

B1.2.1. All Fire Protection personnel (Apprentice, Journeyman, Craftsman and Superintendent) will participate in the Air Force approved Firefighter Fitness and Wellness Program (FFWP) as part of the life-cycle career development program and to promote overall individual health and wellness. Further details on specifics of the FFWP are outlined in AFI 32-2001.

B1.2.2. **Apprentice Firefighter:** Airmen primarily in the grades of Airman Basic, Airman and Airman First Class perform the duties of apprentice firefighter under supervised conditions.

B1.2.2.1. Fights aerospace vehicle fires. Operates tools and equipment, controls and extinguishes aerospace vehicle fires, and performs ventilation, salvage, and overhaul operations. Performs hazardous operation standbys and airfield surveillance operations.

B1.2.2.2. Fights structural fires. Performs hose evolutions, shuts off building utilities, evacuates people from buildings, removes injured personnel from the immediate hazard area, protects exposures, positions and operates tools and equipment. Controls and extinguishes structural fires; performs ventilation, salvage and overhaul operations; loads hose; and makes hose load finishes.

B1.2.2.3. Supports the electrical power production function with resetting aircraft arresting systems when not in conflict with firefighting operations.

B1.2.2.4. Fights, controls, and extinguishes fires in wildland urban interface environments.

B1.2.2.5. Performs rescue operations. Operates rescue tools and equipment. Effects entry by normal and emergency means. Shuts down aircraft engines/systems, and safes egress systems. Performs confined space rescue, emergency medical care, and cardiopulmonary resuscitation (CPR).

B1.2.2.6. Performs inspections and preventative maintenance on structural, aircraft rescue firefighting (ARFF), and support vehicles, tools, equipment, and protective clothing.

B1.2.2.7. Performs crew duties on a Hazardous Materials Response Team.

B1.2.2.8. Performs emergency communication center duties. Alerts firefighting personnel and support agencies, dispatches equipment, and informs personnel of the location and nature of emergency. Provides pertinent information during emergencies and maintains a fire station log. Monitors, receives, and records information from normal or emergency communication systems. Maintains and reads maps, charts, and status boards. Operates automated communication center equipment. Performs the Civil Engineer service call function as required.

B1.2.3. **Journeyman Firefighter:** Airmen primarily in the grades of Senior Airman and Staff Sergeant (SSgt) perform the duties of journeyman firefighter.

B1.2.3.1. Drives and operates firefighting and support vehicles.

B1.2.3.2. Performs pump operations.

B1.2.3.3. Establishes initial command and control, and also coordinates/directs firefighting and rescue activities until relieved by a senior fire officer.

B1.2.3.4. Performs fire alarm communication center duties. Alerts firefighting personnel and support agencies, dispatches equipment, and informs personnel of the location and nature of emergency. Provides pertinent information during emergencies and maintains a fire station log. Monitors, receives, and records information from normal or emergency communication systems. Maintains and reads maps, charts, and status boards. Operates automated communication center equipment. Performs the Civil Engineer service call function as required.

B1.2.3.5. Inspects, maintains, repairs, recharges, and tests fire extinguishers with appropriate training and certification. Identifies, inspects, and resets fire suppression/detection systems.

B1.2.3.6. Performs Public Fire Education duties.

B1.2.4. **Craftsman Firefighter:** Airmen primarily in the grades of SSgt, Technical Sergeant (TSgt), and Master Sergeant (MSgt) perform the duties of a craftsman firefighter.

B1.2.4.1. Plans, schedules, and supervises fire protection activities. Directs vehicle responses and vehicle positioning. Directs and controls firefighting attack, confinement, extinguishment, salvage, overhaul, ventilation, and rescue activities.

B1.2.4.2. Develops and coordinates pre-incident plans, mutual aid agreements, and support agreements.

B1.2.4.3. Performs fire prevention inspections. Verifies requirements for fire detection and suppression systems, heat and smoke venting devices, water supply and distribution systems, and selection of construction materials. Determines exit criteria and fire flow requirements. Reads and interprets plans, drawings, and specifications. Identifies fire hazards and deficiencies. Computes fire extinguisher distribution requirements.

B1.2.4.4. Plans, schedules, conducts and evaluates training. Prepares and maintains fire protection records, reports, and charts.

B1.2.4.5. Performs Fire Education duties.

B1.2.5. **Superintendent Firefighter:** Airmen primarily in the grades of Senior Master Sergeant (SMSgt) and Chief Master Sergeant (CMSgt) perform the duties of superintendent firefighter.

B1.2.5.1. Manages all contingency, training, and fire prevention programs. Functions as the deputy fire chief or fire chief.

B1.2.5.2. Plans, organizes, manages, and directs all fire department activities. Plans and schedules periodic facility inspections to ensure sound fire prevention practices have been implemented and to detect fire safety hazards and deficiencies. Prepares and coordinates fire protection mutual aid and support agreements.

B1.2.5.3. Develops and establishes tactical fire suppression and rescue plans. Develops Standard of Cover to deploy resources using a risk management-based approach.

B1.2.5.4. Collects, reviews, and analyzes performance data to measure compliance with standards and established goals and objectives. Determines or defines the need for information management systems necessary to effectively plan, program, and obligate resources. Conducts risk analysis studies and develops/implements policies or quality performance measures as required to maintain mission effectiveness.

B1.2.5.5. Evaluates fire protection activities. Performs staff or major command visits to fire protection organizations to ensure adequate use of facilities, vehicles, and equipment. Determines the degree of compliance with fire protection policy directives and written instructions. Conducts investigations to determine actual or underlying causes of fire, the effectiveness of fire suppression operations, and to retrieve/validate reported fire loss cost estimates.

B1.2.5.6. Evaluates techniques for entry to structures and aerospace vehicles to rescue personnel or recover equipment. Solves problems involving extremely volatile elements such as petroleum products, lubricating products, oxidizers, missile fuels, chemicals, and other materials involving radiological hazards. Develops comprehensive fire protection checklists and prefire plans for hazardous operations.

B1.2.5.7. Oversees review of all project plans and specifications to include the AF Form 332, *Base Civil Engineer Request*, DD Form 1391, *Military Construction Project Data* and project books for fire protection operational considerations. Verifies requirements for all types of installed fire suppression and detection systems.

B2. Skill and Career Progression. Adequate training and timely progression from the apprentice to the superintendent level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training must do his or her part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career.

B2.1. **Apprentice. (AFSC 3E731 – AB, AMN, A1C)**

B2.1.1. Upon completion of initial skills training at Goodfellow AFB TX, the apprentice firefighters will work with a trainer to enhance their knowledge and skills as an individual and as an integral part of a firefighting team. Upon arrival at first duty station, apprentice will complete the Rookie Development program. The Installation Fire Chief (IFC) has the ability to add to any section as he or she sees fit. All content will be completed unless non-applicable to a specific mission.

B2.1.2. Complete Civil Engineer (CE) 3/5-Level Common Core Concepts Course located on the AFCEC-VLC prior to enrolling in Certification Courses.

B2.1.3. Typically, assigned to a crash or structural firefighting crew and required to operate handlines, make hose connections to fire hydrants, perform ventilation operations, or assigned turret operator duties.

B2.1.4. Expected to perform the duties outlined in National Fire Protection Association (NFPA) Standard 1001 (Firefighter I and II levels); NFPA Standard 1072, (Hazardous Materials Operations Core with Mission Specific Competency (MSC) PPE and Product Control); NFPA Standard 1003 (Airport Firefighter level); and Department of Transportation Emergency Medical Responder level. Based upon manning and mission requirements, Fire Chief may assign duties outlined in NFPA Standard 1061 (Telecommunicator I&II).

B2.1.5. Utilize Certification Courses (CC), and other exportable courses for subject and task fundamentals in this career field.

B2.1.6. Apprentice firefighters may perform HazMat Operations, Firefighter II, Airport Firefighter and Emergency Medical Responder tasks without direct supervision at their first duty station upon 60 days time on station AND validation of Airman's ability and current qualifications from 3-Level Fire Protection Apprentice Course. Additionally, apprentice firefighters may perform driver/operator duties unsupervised after obtaining appropriate certification and vehicle license.

B2.1.7. After all upgrade training requirements are completed, including 12 months of on-the-job training (9 months for retrainees), supervisors and Unit Training Managers (UTM) coordinate upgrade procedures.

B2.1.8. All trainees are automatically enrolled in the CCAF upon completion of Basic Military Training.

B2.1.9. Apprentice firefighters must be certified to the Firefighter II, HazMat Operations Core with MSC PPE and Product Control, Airport Firefighter and National Registry Emergency Medical Responder.

B2.2. **Journeyman (AFSC 3E751 – SrA, SSgt).**

B2.2.1. Enter into continuation training to broaden their experience base. The duties a journeyman firefighter is expected to perform are outlined in NFPA Standard 1072, Hazardous Materials Operations Core with MSC PPE and Product Control; NFPA Standard 1001, Firefighter II; NFPA Standard 1002, Apparatus Driver Operator; and NFPA Standard 1003, Airport Firefighter; and Department of Transportation National Registry Emergency Medical Responder.

B2.2.2. 5-levels may be assigned job positions such as fire academy instructor, Emergency Communication Center dispatcher (ECC), apparatus driver/operator, hazardous materials team member, or as a rescue crewmember. They may be assigned as lead firefighter if duty position certified.

B2.2.3. Will attend the Airman Leadership School (ALS) at least 3 years but not more than 6 years in the Air Force. Airmen selected for/or promoted to SSgt will have priority to attend ALS (active duty only). Either the ALS in-residence or correspondence course is required for Air Reserve Component (ARC) personnel.

B2.2.4. Will use certification courses and other reference material to prepare for Weighted Airman

Promotion System (WAPS) testing listed in the Enlisted Promotions and References Catalog (EPRRC) located at https://www.omsq.af.mil.

B2.2.5. Should continue pursuing an Associate's degree in Fire Science Technology through the CCAF.

B2.2.6. Journeyman must be certified to the Driver Operator ARFF, Pumper, and Mobile Water Supply.

B2.2.7. After all upgrade training requirements are completed, supervisors and UTMs coordinate upgrade procedures.

NOTE: Journeyman must complete the Munitions Firefighting Course located on the Total Force Virtual Learning Center and be certified to the Hazardous Materials Technician level prior to obtaining FESCP certification to Fire Officer I. After initial certification, Munitions Firefighting recertification is required every 2 years.

B2.3. **Craftsman (AFSC 3E771 – SSgt, TSgt, and MSgt).**

B2.3.1. A craftsman can fill various positions such as lead firefighter, station chief, assistant chief for operations, assistant chief for training, assistant chief for fire prevention, assistant chief for health and safety, deputy fire chief, HazMat team member/leader, fire inspector, safety officer, supply technician, or fire academy instructor. Completion of the Company Officer Development Program will be completed and or coincide with completion of 7-Level career development courses.

B2.3.2. Completion of CE 7-Level Common Core Concepts Course located on the AFCEC-VLC and 100% core tasks are basic prerequisites for seven skill level award.

B2.3.3. Lead Firefighter: Fire Officer I, Fire Inspector I, Fire Instructor I, Incident Safety Officer and Hazmat Technician.

NOTE: Upon award of the 7-skill level, Craftsman Firefighters will complete Incident Safety Officer.

B2.3.4. Fire Inspector: Fire Officer I, Fire Inspector II, Fire Instructor I, Fire and Life Safety Educator II

B2.3.5. Station Chief: Fire Officer II, Fire Inspector I, Fire Instructor I, and HazMat IC.

B2.3.6. Assistant Chief for Operations: Fire Officer III, Fire Instructor II, Fire Inspector II, HazMat IC, and ICS 300/400.

B2.3.7. Assistant Chief for Training: Fire Officer III, Fire Instructor III, Fire Inspector II, HazMat IC, and ICS 300/400.

B2.3.8. Assistant Chief for Fire Prevention: Fire Officer III, Fire Instructor II, Fire Inspector III, HazMat IC, Plans Examiner I, and ICS 300/400.

B2.3.9. Assistant Chief for Health and Safety: Incident Safety Officer, Health and Safety Officer, HazMat IC, and ICS 300/400.

B2.3.10. 7-levels should take continuation-training courses or obtain additional knowledge on management of resources and personnel by performing the duties outlined in NFPA Standards 1021, 1031, and 1041.

B2.3.11. Continued academic education through CCAF and higher degree programs are encouraged.

B2.3.12. Will complete the applicable levels of Enlisted Professional Military Education (EPME) commensurate with rank. EPME is accomplished through distance-learning and in-residence attendance as specified in AFI 36-2670, *Developmental Education*. Refer to AFI 36-2670 for eligibility requirements and Sister-Service equivalencies for SNCO PME.

B2.3.13. TSgts and above may complete the Senior Enlisted Joint PME course. Although not a requirement, members should complete their grade required EPME prior to completing Joint PME.

B2.3.14. MSgts are highly encouraged to attend AFIT WMGT 427, FES Flight Superintendent Course. TSgts may apply for attendance upon recommendation from Fire Chief and approval from Career Field Manager.

B2.3.15. After all upgrade training requirements are completed, supervisors and UTMs coordinate upgrade procedures.

NOTE: Munitions Firefighting recertification is required every 2 years by re-accomplishing the computer based training or passing the challenge review test on the AFCEC-VLC. National Registry Emergency Medical Responder recertification is required every 2 years.

B2.4. **Superintendent. (AFSC 3E791 - SMSgt)**

B2.4.1. A 9-level can be expected to fill positions such as HazMat team leader, assistant chief for operations, assistant chief for fire prevention, assistant chief for training, assistant chief for health and safety, deputy fire chief and fire chief.

B2.4.2. Assigned to major command Inspector General teams and AFCEC, AFIMSC HQ or Detachment staff positions. Should pursue increased knowledge of budget, manpower, resources, and personnel management.

B2.4.3. Must be a SMSgt for award of the 9-skill level.

B2.4.4. Superintendents must be certified to the following levels required for their duty:

B2.4.4.1. Deputy Fire Chief: Fire Officer IV, Fire Instructor II, Fire Inspector II, HazMat IC, and ICS 300/400.

B2.4.4.2. Fire Chief: Fire Officer IV, Fire Instructor II, Fire Inspector II, HazMat IC, and ICS 300/400.

B2.4.5. Completion of AFIT WMGT 570, Civil Engineer Superintendent Course is mandatory for Active Duty and Air Force Reserve SMSgt's. This course is highly encouraged for Air National Guard SMSgts and mandatory to be promoted to CMSgt. **Note:** This is not a skill level awarding course.

B2.4.6. If not already done, active duty individuals are required to attend WMGT 427, FES Flight Superintendent Course (highly encouraged for ANG/AFRC).

B2.4.7. Recommend the pursuit of additional higher education and completion of courses outside this AFS.

B2.4.8. Will complete the applicable levels of Enlisted Professional Military Education (EPME) commensurate with rank. EPME is accomplished through distance-learning and in-residence attendance as specified in AFI 36-2670, *Developmental Education*. Refer to AFI 36-2670 for eligibility requirements and Sister-Service equivalencies for SNCO PME.

NOTE: Munitions Firefighting recertification is required every 2 years by re-accomplishing the computer based training or passing the challenge review test on the AFCEC-VLC. National Registry Emergency Medical Responder recertification is required every 2 years.

B2.5. **Fire Protection Manager (3E700 - CMSgt).**

B2.5.1. Must be selected for CMSgt and possess qualifications in specialty 3E7X1.

B2.5.2. Will work in a variety of similar jobs and functional areas where general managerial and supervisory abilities can be most effectively used and challenged.

B2.5.3. Managers must be certified to the following levels required for their duty:

B2.5.3.1. Fire Chief: Fire Officer IV, Fire Instructor II, Fire Inspector II, HazMat IC, and ICS 300/400.

B2.5.3.2. Will attend the Chief's Leadership Course (CLC) as specified in AFI 36-2670, *Developmental Education*. Additionally, attend the respective MAJCOM's Chief Orientation Course (if applicable).

B2.5.3.3. ARC will attend the ARC Chief Orientation Course.

B2.6. **Skill Level and Duty Position Certification Requirements.** The Fire Protection Career Field has FESCP requirements that are tied to specific skill-levels and duty positions. To be considered fully qualified the firefighter must be FESCP certified at the applicable levels indicated below.

B2.6.1. Skill Level Certification Requirements: The following FESCP requirements are the minimum certification levels required for award and retention of the skill levels listed below.

Skill Level	**FESCP Certification Levels Required**
(3E731) Apprentice Firefighter	Firefighter I and II
	Hazardous Materials Awareness
	Hazardous Materials Operations Core with
	MSC PPE and Product Control
	Airport Firefighter
	National Registry Emergency Medical
	Responder

(3E751) Journeyman Firefighter	Driver Operator Pumper
	Driver Operator ARFF
	Driver Operator Mobile Water Supply
(3E771) Craftsman Firefighter	Fire Officer I
	Fire Instructor I
	Fire Inspector I
	Hazardous Materials Technician
(3E791) Superintendent Firefighter	Fire Officer IV
	Fire Inspector II
	Fire Instructor II
	Hazardous Materials Incident Commander
	ICS 300/400

B2.6.2. Duty Position Certification Requirements: The following FESCP requirements are the minimum certification levels required (regardless of the military members grade) to fill the duty positions listed below.

Duty Position	**FESCP Certification Levels Required**
Firefighter	Firefighter I and II
	Hazardous Materials Awareness
	Hazardous Materials Operations Core with MSC
	PPE and Product Control
	Airport Firefighter
Driver/Operator	Driver/Operator Pumper
	Driver/Operator ARFF
	Driver/Operator Mobile Water Supply
	Hazardous Materials Operations Core with MSC PPE and Product Control
Supervisor Dispatcher/Alarm Room Operator	Telecommunicator I & II
	Hazardous Material Awareness
Hazardous Materials Team Member	Hazardous Material Technician
Lead Firefighter	Fire Officer I
	Fire Instructor I
	Fire Inspector I
	Incident Safety Officer
	Hazardous Materials Technician
Station Chief	Fire Officer II
	Fire Instructor I
	Fire Inspector I
	Hazardous Materials Incident Commander

Fire Inspector	Fire Inspector II
	Fire Instructor I
	Fire & Life Safety Educator II
Assistant Chief for Training	Fire Officer III
	Fire Instructor III
	Fire Inspector II
	Hazardous Materials Incident Commander
	ICS 300/400
Assistant Chief for Fire Prevention	Fire Officer III
	Fire Instructor II
	Fire Inspector III
	Plans Examiner I
	Fire & Life Safety Educator II
Assistant Chief for Operations	Fire Officer III
	Fire Instructor II
	Fire Inspector II
	Hazardous Materials Incident Commander
	ICS 300/400
Assistant Chief for Health and Safety	Fire Officer III
	Fire Instructor II
	Fire Inspector II
	Health and Safety Officer
	Hazardous Materials Incident Commander
	Incident Safety Officer
	ICS 300/400
Deputy Chief	Fire Officer IV
	Fire Instructor II
	Fire Inspector II
	Hazardous Materials Incident Commander
	ICS 300/400
Fire Chief	Fire Officer IV
	Fire Instructor II
	Fire Inspector II
	Hazardous Materials Incident Commander
	ICS 300/400

B3. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the fire protection career field. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training.

B4. Community College of the Air Force (CCAF) Academic Programs. Airmen are automatically enrolled in CCAF upon completion of basic military training. CCAF provides the opportunity to obtain an Associates in Applied Sciences Degree. In addition to its degree program, CCAF offers the following:

B4.1. CCAF Instructor Certification (CIC) Program. The CIC is a professional credential that recognizes the instructor's extensive faculty development training, education and qualification required to teach a CCAF course, and formally acknowledges the instructor's practical teaching experience. Qualified instructors who teach CCAF collegiate-level credit awarding courses at a CCAF affiliated school. Qualified officer, enlisted, civilian and other service instructors are eligible for this certification. Once an instructor leaves CCAF instructor duty, they are no longer eligible for the CIC and the three-levels of this program consisting of CIC-I/II/III. Complete details can be found at http://www.au.af.mil/au/barnes/ccaf/certifications.asp.

B4.2. CCAF offers the Instructional Systems Development (ISD) Certification. This program is for qualified course/curriculum developers, writers and managers who are formally assigned to affiliated schools to develop/write and manage CCAF collegiate-level credit awarding courses. The ISD Certification is a professional credential that recognizes the course/curriculum developer/writer's or managers extensive training, education, qualifications and experience required to develop/write and manage CCAF courses. The certification also recognizes the individual's ISD qualifications and experience in planning, developing, implementing and managing instructional systems. The program is designed to broaden faculty and professional development. Qualified officer, enlisted, civilian and other service curriculum writers and managers are eligible. Once an individual leaves curriculum writer or manager duty, they are no longer eligible for the ISD Certification. Complete details can be found at http://www.au.af.mil/au/barnes/ccaf/certifications.asp.

B4.4. The Fire Science Technology Degree (9IFY) applies to AFSC 3E7X1.

B4.5. Degree Completion Requirements (64 Semester Hours). The journeyman 5-level (or fully qualified equivalent) must be held at time of program completion and the following requirements must be met.

Course	Semester Hours		
Technical Education	24		
Leadership, Management, and Military Studies	6		
Physical Education (fulfilled at BMT)	4		
General Education	15		
Oral Communication	3*	or	0*
Written Communication	3*		6*
Mathematics	3		
Social Science	3		
Humanities	3		
Program Elective	15		
Technical Education; Leadership, Management, and Military Studies or General Education			
Total	**64**		

* Effective 2017 (CCAF Catalog).

B4.5.1. Technical Education. (12 - 24 semester hours) A minimum of 12 semester hours of technical core subjects or courses must be applied and the remaining semester hours applied from technical core or technical elective subjects or courses. Requests to substitute comparable courses or to exceed specified semester hour values in any subject or course must be approved in advance.

Technical Core Requirements	Semester Hours
Aerospace Vehicle Firefighting	9
CCAF Internship	18
Emergency Medicine	6
Fire Apparatus Operation	6
Fire Department Administration	3
Fire Service Rescue	9
Hazardous Materials	8
Introduction to Fire Science	6
Structural Firefighting	12

B4.5.2. **Technical Electives (0-12 Semester Hours).**

Technical Electives	Semester Hours
Building Construction for Fire Protection	3
Computer Science	6
Fire Codes and Related Ordinances	3
Building Codes and Ordinance	3
Fire Command	6
Fire Hydraulics	6
Fire Instructor	9
Fire Prevention/Inspection	6
Fire Protection Systems	3
Fire/Arson Investigation	3
Firefighting Occupational Safety	3
General Chemistry	8
NREMT Emergency Medical Technician Certification	4
Technical Writing	3

B4.5.3. **Leadership, Management, and Military Studies** (6 Semester Hours): Professional military education, civilian management courses accepted in transfer and/or by testing credit.

B4.5.4. **Physical Education** (4 Semester Hours): This requirement is satisfied by completion of Basic Military Training.

B4.5.5. **General Education (15 Semester Hours):** Applicable courses must meet the criteria for application of courses to the general education requirements and be in agreement with the definitions of applicable general education subjects/courses as provided in the *CCAF General Catalog*.

(*) indicates changes effective 2017. Six (6) Written Communication credits required if student elects to skip Oral Communication. When both are completed, only three (3) credits each required.

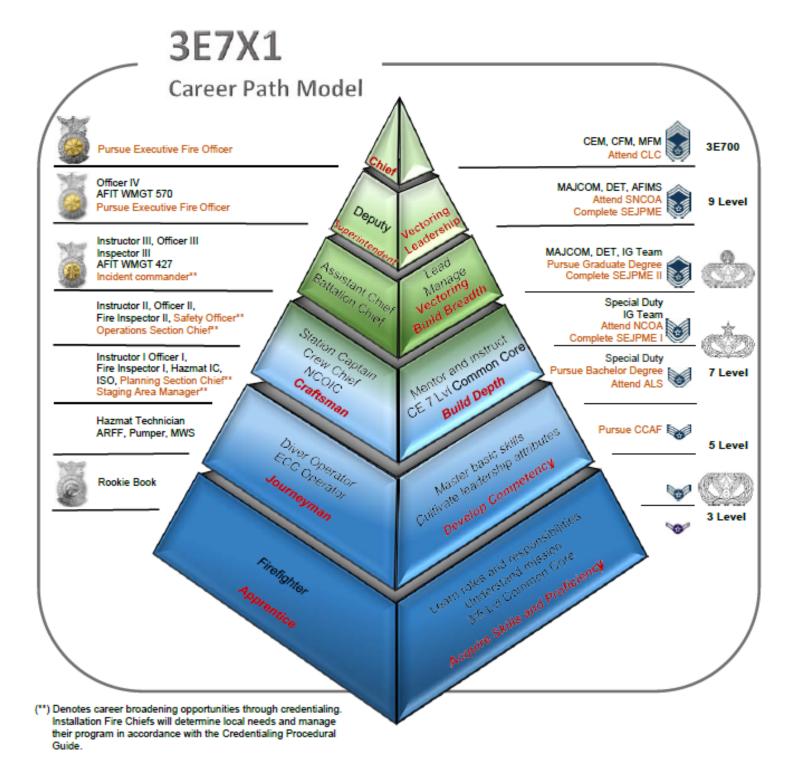| General Education Subjects/Courses	Semester Hours
Oral Communication Speech	3* or 0*
Written Communication	3* or 6*

Mathematics   3
    Intermediate algebra or a college-level mathematics course
    satisfying delivering institution's mathematics graduation
    requirement-if an acceptable mathematics course applies as
    technical or program elective, you may substitute a natural science
Social Science   3
    Anthropology, archaeology, economics, geography,
    government, history, political science, psychology, and
Humanities   3
    Fine arts (criticism, appreciation, historical significance),
    foreign language, literature, philosophy, and religion.

B4.5.6. **Program Elective.** (15 semester hours) Courses applicable to the technical education; leadership, management, and military studies (LMMS); or general education requirements. Natural science courses that meet the general education requirement (GER) application criteria. Foreign language credit earned at the Defense Language Institute or through the Defense Language Proficiency Test. A maximum of 9 semester hours of CCAF degree-applicable technical course credit otherwise not applicable to program of enrollment.
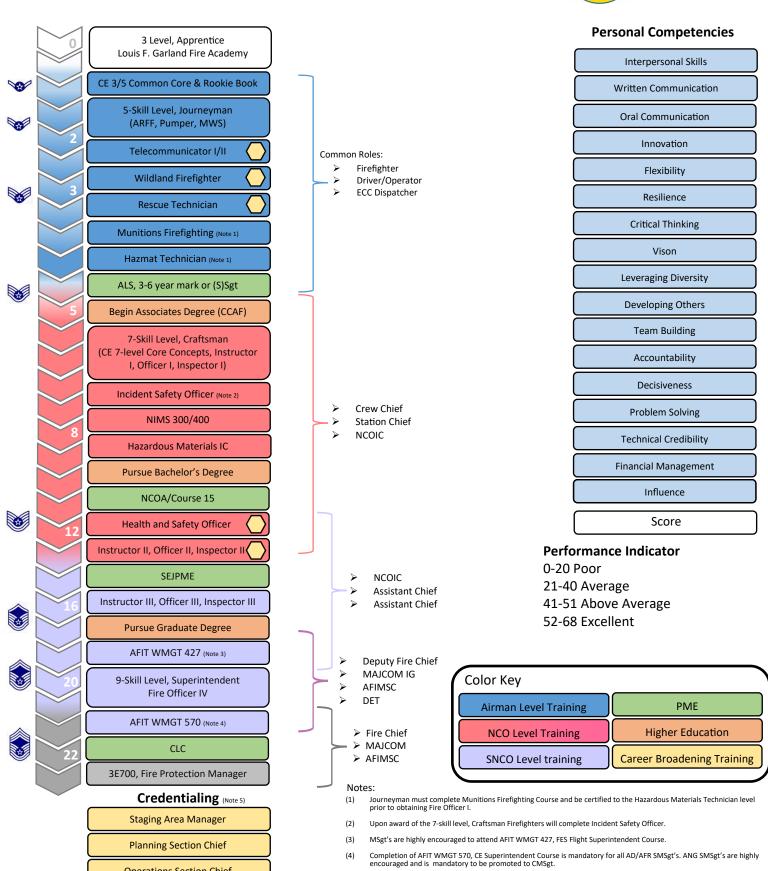
B4.6. Additional off-duty training, education, certifications and credentialing course work is a personal choice and encouraged for all. Individuals desiring to become an AETC Instructor should be actively pursuing an Associate degree. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools (SACS). Professional certification and credentialing programs that are Fire Emergency Services focused will only enhance the individual's duty performance, career growth and personal/professional development.

B5. Career Field Path Model and Scorecard. The following chart depicts the 3E7X1 specialty career path:

3E7X1
Career Path Model

Pursue Executive Fire Officer

Officer IV
AFIT WMGT 570
Pursue Executive Fire Officer

Instructor III, Officer III
Inspector III
AFIT WMGT 427
Incident commander**

Instructor II, Officer II,
Fire Inspector II, Safety Officer**
Operations Section Chief**

Instructor I Officer I,
Fire Inspector I, Hazmat IC,
ISO, Planning Section Chief**
Staging Area Manager**

Hazmat Technician
ARFF, Pumper, MWS

Rookie Book

Chief — Vectoring Leadership

Deputy Superintendent

Assistant Chief Battalion Chief

Lead Manage Vectoring Build Breadth

Station Captain Crew Chief NCOIC **Craftsman**

Mentor and instruct CE 7 Lvl Common Core **Build Depth**

Diver Operator ECC Operator **Journeyman**

Master basic skills Cultivate leadership attributes **Develop Competency**

Firefighter **Apprentice**

Learn roles and responsibilities Understand mission 3/5 Lvl Common Core **Acquire Skills and Proficiency**

CEM, CFM, MFM
Attend CLC — **3E700**

MAJCOM, DET, AFIMS
Attend SNCOA
Complete SEJPME — **9 Level**

MAJCOM, DET, IG Team
Pursue Graduate Degree
Complete SEJPME II

Special Duty
IG Team
Attend NCOA
Complete SEJPME I

Special Duty
Pursue Bachelor Degree
Attend ALS — **7 Level**

Pursue CCAF

5 Level

3 Level

(**) Denotes career broadening opportunities through credentialing.
Installation Fire Chiefs will determine local needs and manage
their program in accordance with the Credentialing Procedural
Guide.

Air Force Fire Emergency Services
Career Scorecard

Personal Competencies

- Interpersonal Skills
- Written Communication
- Oral Communication
- Innovation
- Flexibility
- Resilience
- Critical Thinking
- Vison
- Leveraging Diversity
- Developing Others
- Team Building
- Accountability
- Decisiveness
- Problem Solving
- Technical Credibility
- Financial Management
- Influence

Score

Performance Indicator
0-20 Poor
21-40 Average
41-51 Above Average
52-68 Excellent

Level	
0	3 Level, Apprentice — Louis F. Garland Fire Academy
	CE 3/5 Common Core & Rookie Book
2	5-Skill Level, Journeyman (ARFF, Pumper, MWS)
	Telecommunicator I/II
3	Wildland Firefighter
	Rescue Technician
	Munitions Firefighting (Note 1)
	Hazmat Technician (Note 1)
	ALS, 3-6 year mark or (S)Sgt
5	Begin Associates Degree (CCAF)
	7-Skill Level, Craftsman (CE 7-level Core Concepts, Instructor I, Officer I, Inspector I)
	Incident Safety Officer (Note 2)
8	NIMS 300/400
	Hazardous Materials IC
	Pursue Bachelor's Degree
	NCOA/Course 15
12	Health and Safety Officer
	Instructor II, Officer II, Inspector II
	SEJPME
16	Instructor III, Officer III, Inspector III
	Pursue Graduate Degree
	AFIT WMGT 427 (Note 3)
20	9-Skill Level, Superintendent Fire Officer IV
	AFIT WMGT 570 (Note 4)
22	CLC
	3E700, Fire Protection Manager

Common Roles:
- Firefighter
- Driver/Operator
- ECC Dispatcher

- Crew Chief
- Station Chief
- NCOIC

- NCOIC
- Assistant Chief
- Assistant Chief

- Deputy Fire Chief
- MAJCOM IG
- AFIMSC
- DET

- Fire Chief
- MAJCOM
- AFIMSC

Credentialing (Note 5)

- Staging Area Manager
- Planning Section Chief
- Operations Section Chief
- Safety Officer
- Incident Commander

Color Key

Airman Level Training	PME
NCO Level Training	Higher Education
SNCO Level training	Career Broadening Training

Notes:

(1) Journeyman must complete Munitions Firefighting Course and be certified to the Hazardous Materials Technician level prior to obtaining Fire Officer I.

(2) Upon award of the 7-skill level, Craftsman Firefighters will complete Incident Safety Officer.

(3) MSgt's are highly encouraged to attend AFIT WMGT 427, FES Flight Superintendent Course.

(4) Completion of AFIT WMGT 570, CE Superintendent Course is mandatory for all AD/AFR SMSgt's. ANG SMSgt's are highly encouraged and is mandatory to be promoted to CMSgt.

(5) Fire Chiefs will determine local needs and manage their program in accordance with the Credentialing Procedural Guide.

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Air Force Fire Emergency Services
Career Scorecard

Interpersonal Skills:

Treats others with courtesy, sensitivity, and respect. Considers and responds appropriately to the needs and feelings of different people in different situations.

Written Communication:

Writes in a clear, concise, organized, and convincing manner for the intended audience.

Oral Communication:

Makes clear and convincing oral presentations. Listens effectively; clarifies information as needed.

Innovation:

Develops new insights into situations; questions conventional approaches; encourages new ideas and innovations; designs and implements new or cutting edge programs/processes.

Flexibility:

Is open to change and new information; rapidly adapts to new information, changing conditions, or unexpected obstacles.

Resilience:

Is open to change and new information; rapidly adapts to new information, changing conditions, or unexpected obstacles.

Critical Thinking:

Intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication.

Vision:

Takes a long-term view and builds a shared vision with others; acts as a catalyst for organizational change. Influences others to translate vision into action.

Leveraging Diversity :

Fosters an inclusive workplace where diversity and individual differences are valued and leveraged to achieve the vision and mission of the organization

Developing Others:

Develops the ability of others to perform and contribute to the organization by providing ongoing feedback and by providing opportunities to learn through formal and informal methods.

Team Building:

Inspires and fosters team commitment, spirit, pride, and trust. Facilitates cooperation and motivates team members to accomplish group goals.

Accountability:

Holds self and others accountable for measurable high-quality, timely, and cost-effective results. Determines objectives, sets priorities, and delegates work. Accepts responsibility for mistakes. Complies with established control systems and rules.

Decisiveness:

Makes well-informed, effective, and timely decisions, even when data are limited or solutions produce unpleasant consequences; perceives the impact and implications of decisions.

Problem Solving:

Identifies and analyzes problems; weighs relevance and accuracy of information; generates and evaluates alternative solutions; makes recommendations.

Technical Credibility:

Understands and appropriately applies principles, procedures, requirements, regulations, and policies related to specialized expertise.

Financial Management:

Understands and executes personal finances, covers personal expenditures, and is financially responsible. Understands federal budgets and process, complies with local budgeting guidelines, respects and has stewardship over government assets.

Influence:

Persuades others; builds consensus through give and take; gains cooperation from others to obtain information and accomplish goals.

Additional Notes:

B5.1. **CE Occupational Badge.** The Civil Engineer badge reflects a great history and tradition. By wearing it, you will be recognized by your fellow airmen as having achieved an expected level of competence. The multitude of engineers before you established this expectation through excellent service in both peace and war.

B5.2. **CE Badge Heraldry.** The gear wheel and compass have historically been used to represent the engineering profession, in both the military and civilian sector. The gear represents the essence of engineering: applying scientific principles and technology to practical ends. To Air Force engineers, the gear symbolizes an element (representing the built environment) that meshes with other environments (weapon systems and trained personnel) to enable the Air Force to perform its mission. The compass is a precision tool historically used by engineers in designing and constructing facilities and equipment. The gear and compass together symbolize all the diverse specialties within Air Force civil engineer. Finally, the wings help to portray the fundamental linkage between the engineering and aviation components; and that the built environment is the foundation supporting Air Force mission and people.

B5.2.1. **Basic Badge.** The basic badge is awarded upon successful completion of the apprentice course.

B5.2.2. **Senior Badge.** The senior badge adds a star to the top of the badge. Wear the senior badge after award of the 7-skill level.

B5.2.3. **Master Badge.** The master badge adds a wreath around the star. The Master Badge is awarded to master sergeant or above with 5 years in the specialty from award of the 7-skill level.

B6. Enlisted Career Path.

ENLISTED CAREER PATH				
Education and Training Requirements	GRADE REQUIREMENTS			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training School				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 10 months		
Upgrade To Journeyman (5-Skill Level) – Complete 5-level CDC – Complete all core and duty related tasks identified in CFETP – Minimum 12 months OJT (9 months for retrainees) – Complete appropriate certification course(s) if/when available – Complete Rookie Development Program – Complete CE 3/5-Level Common Core Concept Course on AFCEC-VLC	SrA	3 years	28 months BTZ (22 Months)	10 years
Airman Leadership School – Must be SrA or SSgt selectee with 3-6 years Time-In-Service – Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only)	**Trainer** – Must be qualified and certified to perform task(s) to be trained. – Must attend formal AF Training Course – Recommended by the supervisor			
Upgrade To Craftsman (7-Skill Level) – Minimum rank of SSgt. – Complete CE 7-Level Common Core Concept Course on AFCEC-VLC – Complete Company Officer Development Program – Complete all core/duty related tasks in CFETP – Complete appropriate certification course(s) if/when available.	SSgt	5 years	3 years	20 years
Certifier – SSgt with 5-skill level or civilian equivalent – Attend AF Training Course – Be a person other than the trainer for FESCP courses accredited by IFSAC/Pro Board. See A1.6.				
Noncommissioned Officer Academy (NCOA) – TSgts, TSgt selects, & TSgt non-selects (across AFSCs) with the highest WAPS scores are eligible with 8-12 years Time-in-Service (TSgt, 8-14 years TIS for ARC) – Phase 2 DL is a prerequisite for TSgt promotion and NCOA attendance (Active Duty Only)	TSgt	12 years	5 years	22 years
USAF Senior NCO Academy – SMSgts, SMSgt selects, & SMSgt non-selects (across AFSCs) with the highest WAPS scores are eligible with 13-18 years Time-in-Service (12-18 years TIS for ARC) – SNCO DL is a prerequisite for SMSgt promotion consideration and SNCOA attendance	MSgt	17 years	8 years	24 years
Upgrade To Superintendent (9-Skill Level) – Minimum rank of SMSgt	SMSgt	20 years	11 years	26 years
Fire Protection Manager – Chief Orientation Course (MAJCOM Specific) – Chief's Leadership Course	CMSgt	22 years	14 years	30 years

B7. Certifications and Core Grade Requirements. Knowledge and practical experience in each grade and duty positions, along with timely certification progression, from the firefighter to fire chief levels plays an important role in the Air Force's ability to accomplish its mission. It is essential that firefighters have adequate time in each duty position with appropriate certifications to gain the job experience before progressing to the next level of certification. The guidance provided in this part of the CFETP will ensure individuals receive viable training at appropriate points in their careers.

Table 7 Military Certification requirements (USAF Fire Emergency Service)

Military Certification Requirements		USAF Rank/Grade							
Series	Level	E-1	E-2/3	E-4	E-5	E-6	E-7	E-8	E-9
Military Specific Requirements	Airman Leadership School*			Y	X	X	X	X	X
	NCO Academy*					X	X	X	X
	SNCO Distance Learning (DL)					Y	X	X	X
	SNCO Academy						Y	X	X
	AFIT 427 (FES Flight Superintendent Course)**						Y	X	X
	AFIT 570 (CE Superintendent Course)							X	X
	Chief's Leadership Course (CLC)								X
Basic Firefighter	Fire Fighter I	X	X	X	X	X	X	X	X
	Fire Fighter II	X	X	X	X	X	X	X	X
	Airport Fire Fighter	X	X	X	X	X	X	X	X
	Hazardous Materials Awareness	X	X	X	X	X	X	X	X
	Hazardous Materials Operations	X	X	X	X	X	X	X	X
	Cardio Pulmonary Resuscitation (CPR)	X	X	X	X	X	X	X	X
	National Registry Emergency Medical Responder (EMR) w/ 2yr Recertification	X	X	X	X	X	X	X	X
Driver Operator	Apparatus Driver/Operator Pumper		Y	X	X	X	X	X	X
	Apparatus Driver/Operator Mobile Water Supply		Y	X	X	X	X	X	X
	Apparatus Driver/Operator ARFF		Y	X	X	X	X	X	X
	Apparatus Driver/Operator Aerial		Y/L	L	L	L	L	L	L
Miscellaneous	NIMS 100, 200, 700, and 800 Courses or AERO		Y	X	X	X	X	X	X
	Munitions Firefighting w/ 2-yr Recertification			Y	X	X	X	X	X
	Telecommunicator I		Y	Y	Y	Y	Y	Y	Y
	Hazardous Materials Technician		Y	Y	X	X	X	X	X
Lead Firefighter	Fire Officer I			Y	X	X	X	X	X
	Fire Instructor I			Y	X	X	X	X	X
	Fire Inspector I			Y	X	X	X	X	X
	Incident Safety Officer				X	L	L	L	L
	Hazardous Materials Incident Commander			Y	X	X	X	X	X
Station Chief	Fire Officer II				Y	X	X	X	X
	Fire Instructor II				Y	X	X	X	X
	Fire Inspector II				Y	X	X	X	X
Assistant Chief	Fire Officer III					Y	X	X	X
	Fire Instructor III					Y	L	L	L
	Fire Inspector III					Y	L	L	L
	Health and Safety Officer					Y	L	L	L
	Plans Examiner I					Y	X	X	X
	ICS 300/400 Course				Y	X	X	X	X
Chief Officer	Fire Officer IV						Y	X	X
Highly Recommend	Associates Degree - CCAF				Y	Y	Y	X	X
	Bachelors/Masters Degree					Y	Y	Y	Y
	Emergency Management EOC Director Course (MLMDC813)					Y	Y	Y	Y
	National Fire Academy Executive Fire Officer Course						Y	Y	Y
	Commission on Professional Credentialing (CFO, CMO, FO, TAP)						Y	Y	Y
As directed by the Installation Fire	Hazardous Materials Officer								
	Hazardous Materials Safety Officer								
	Rope Rescue I/II								
	Confined Space Rescue I/II								
	Telecommunicator I and II								
	Wildland Firefighter I (NWCG)								

Chief	Wildland Firefighter II (NWCG)							
	Plans Examiner I							
	Fire and Life Safety Educator I							
	Fire and Life Safety Educator II							
	Marine Firefighter							
	Emergency Medical Technician - Basic							

Certifications and Core Grade Requirements. Knowledge and practical experience in each grade and duty position, along with timely certification progression, from the firefighter to fire chief levels plays an important role in the Air Force's ability to accomplish its mission. It is essential that firefighters have adequate time in each duty position with appropriate certifications to gain the job experience before progressing to the next level of certification. The guidance provided in this chart will ensure individuals receive viable training at appropriate points in their careers.

Fire protection personnel are required certifications as indicated with an "X" to meet typical Duty/Skill level requirements. Personnel may complete certifications identified with a "Y" for professional development or in preparation to fill one duty position higher than the typical duty positions for each grade. "L" indicates a certification which is required based on installation mission requirements.

* ANG/AFRC personnel, may complete AU A4/6 courses 00003 (ALS) and 000015 (NCO Academy) to satisfy the requirement.
** Requirement for active duty only, ANG/AFRC highly recommended.

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

C1. Purpose. The various skill levels in this career field are defined in terms of tasks and knowledge requirements for the AFS career ladder. They are stated in broad, general terms and establish the standards of performance. An all-encompassing core and diamond tasks list has been developed for this specialty because of the diversity of the missions supported and the equipment assigned to meet mission requirements. Core and diamond tasks, knowledge items, and skill requirements are identified in the STS. Completion of the mandatory 3-skill level awarding course and the mandatory completion of the common core concept courses comprise Air Force requirements.

C2. Skill Level Training Requirements.

C2.1. **Apprentice (3-Level) Training Requirements. (3E731)**

C2.1.1. **Specialty Qualifications.**

C2.1.1.1. **Knowledge.** Completion of the Fire Protection Apprentice course satisfies this mandatory requirement. The knowledge requirements spelled out in NFPA Standards 1072, 1001, and 1003 are mandatory.

C2.1.1.2. **Education.** Completion of high school is mandatory for entry into this AFS with courses in chemistry, general science, and mathematics desirable.

C2.1.1.3. **Training.** Completion of the Fire Protection Apprentice course is mandatory for award of this skill level

> **NOTE:** Air National Guard and Air Force Reserve members with prior firefighting knowledge, training, and experience, may be eligible to apply for a Specialty Qualification Requirements waiver. See AFI 36-2670, *Air Force Training Program,* Chapter 4 for specific requirements.

C2.1.1.4. **Experience.** No experience is required. However, experience as a paid or volunteer firefighter is desirable.

C2.1.1.5. **Other.** The following are mandatory as indicated:

C2.1.1.5.1. FESCP certification in Firefighter II, HazMat Operations Core with MSC PPE and Product Control, Airport Firefighter, and Emergency Medical Responder is mandatory for award of the 3E731 AFSC. The student will receive these FESCP certifications by successfully completing the Goodfellow AFB Fire Protection Apprentice course.

C2.1.1.5.2. Medical Requirements. Must meet NFPA Standard 1582, *Medical Requirements for Firefighters*, for entry, award, and retention of this AFSC.

C2.1.1.5.3. Ability to speak clearly and distinctly is mandatory for entry, award, and retention of this AFSC.

C2.1.1.5.4. Eligibility for a Secret security clearance according to AFI 31-501, Personnel *Security Program Management*, is mandatory.

C2.1.1.5.5. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.

C2.1.1.5.6. For award and retention of this AFSC, must maintain an Air Force Network License according to AFI 33-115, Vol 2, *Licensing Network Users and Certifying Network Professionals.*

C2.1.2. **Training Sources and Resources.**

C2.1.2.1. Formal training is accomplished through Fire Protection Apprentice course, X3ABR3E731 0A1A, at Goodfellow AFB TX.

C2.1.2.2. The Course Objective List (COL) (Part II, Section B of this CFETP) identifies all the knowledge and tasks, with their respective standards.

C2.1.3. **Implementation.** The 3-skill level is awarded upon graduating from the Apprentice Fire Protection Specialist course.

C2.2. **Journeyman (5-Level) Training Qualifications. (3E751)**

C2.2.1. **Specialty Qualifications.** Entry into 5-level upgrade training is initiated after the individual arrives on station and has completed orientation of local procedures.

C2.2.1.1. **Knowledge.** Knowledge is mandatory of National Fire Protection Association (NFPA) Standards 1001, 1002, and 1003.

C2.2.1.2. **Education.** Completion of high school is mandatory with courses in chemistry, general science, and mathematics is desirable.

C2.2.1.3 To assume the grade of SSgt, individuals must successfully complete Airman Leadership School (active duty only).

C2.2.1.3. **Training.**

C2.2.1.3.1. Completion of the applicable FESCP courses listed below in paragraph C2.2.2. and completion of CE 5-Level Common Concepts Course on the AFCEC-VLC is mandatory.

NOTE: Active duty trainees have a maximum of 20 months to complete the Driver Operator – ARFF, Pumper, and Mobile Water Supply certification courses. ARC firefighters have 3 years to complete all three certifications requirements.

C2.2.1.3.2. Certification of all 5-level core tasks identified with a single asterisk (♦) in the core task column of the STS is mandatory.

C2.2.1.3.3. Certification of duty position requirements identified by the supervisor is mandatory.

C2.2.1.4. **Experience.**

C2.2.1.4.1. Experience performing the skills listed in NFPA Standards 1001, 1002, and 1003 is mandatory.

C2.2.1.4.2. Qualification in and possession of 3-skill level.

C2.2.1.4.3. Minimum 12 months OJT (9 months for retrainees) before award of 5-skill level.

C2.2.1.5. **Other.**

C2.2.1.5.1. The following FESCP certifications are mandatory for award and retention of the 5-skill level:

C2.2.1.5.1.1. Apparatus Driver Operator - Pumper

C2.2.1.5.1.2. Apparatus Driver Operator – ARFF

C2.2.1.5.1.3. Apparatus Driver Operator - Mobile Water Supply

C2.2.1.5.2. Medical Requirements. Must meet NFPA Standard 1582, *Medical Requirements for Firefighters*, for entry, award, and retention of this AFSC.

C2.2.1.5.3. Must have a Secret security clearance according to AFI 31-501, *Personnel Security Program Management,* for award and retention of this AFSC.

C2.2.1.5.4. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.

C2.2.1.5.5. Must maintain an Air Force Network License according to AFI 33-115, Vol 2, *Licensing Network Users and Certifying Network Professionals.* To be granted access to af.mil or af.smil networks an individual must process a favorable background investigation, be trained, and licensed.

C2.2.2. **Training Sources and Resources.** Successful completion of the following certification courses is mandatory unless the individual has already been certified under the FESCP at these levels or higher levels.

C2.2.2.1. 10023W, Apparatus Driver Operator - Pumper

C2.2.2.2. 10027W, Apparatus Driver Operator - ARFF

C2.2.2.3. 10028W, Apparatus Driver Operator - Mobile Water Supply

C2.2.2.4. The STS (Part II, Section A of the CFETP) identifies all core tasks required for qualification in the individual's duty position.

C2.2.2.5. Qualified trainers provide upgrade and qualification training for duty position, managed programs, and/or equipment to be used.

C2.2.2.6. Completion of the Rookie Firefighter Development Program

C2.2.3. **Implementation.**

C2.2.3.1. Entry into formal journeyman upgrade training is accomplished after individuals are assigned to their first duty station. Apprentices build task experience while reinforcing the training learned at Goodfellow AFB.

C2.2.3.2. Supervisors check trainee competency of skills taught in the apprentice course using the STS section 4A. Supervisors ensure trainees meet the proficiency levels as outlined in the proficiency code key. Once this is accomplished, supervisors complete the Field Evaluation Questionnaire (FEQ) when it is received from the Louis F. Garland Fire Academy. The FEQ is an invaluable tool to the schoolhouse used to measure if they are meeting the needs of the field. Supervisors are asked to complete the FEQ to help identify problems and trends that could result in changes to the course if needed.

> **NOTE:** Prior to beginning Fire Officer I; Munitions Firefighting Course and Hazardous Material –Technician must be completed, see B2.2.8, note.

C2.3. **Craftsman (7-Level) Training Requirements. (3E771)**

C2.3.1. **Specialty Qualification.** All 3 and 5-level qualifications apply to 7-level requirements.

C2.3.1.1. **Knowledge.** Knowledge is mandatory of the requirements spelled out in NFPA Standard 1072 (Hazardous Materials Technician), NFPA Standard 1021 (Fire Officer I), NFPA Standard 1041 (Fire Instructor I) and NFPA Standard 1031 (Fire Inspector I).

C2.3.1.2. **Education.**

C2.3.1.2.1. To assume the grade of TSgt, (Active Duty Only).

C2.3.1.2.2. For ARC personnel, completion of correspondence course for ALS and NCO Academy satisfy the requirements.

C2.3.1.2.3. Completion of the AFIT WMGT 427, FES Flight Superintendent Course is highly encouraged for MSgt's.

C2.3.1.2.4. Possession of an Associate's Degree in Fire Science Technology is desirable.

C2.3.1.3. **Training.** The following training is mandatory for award of the 7-skill level:

C2.3.1.3.1. Completion of the applicable FESCP courses listed below in paragraph C2.3.2 and completion of the CE 7-Level Common Core Concept Course on the AFCEC-VLC is mandatory for the award of the skill level.

C2.3.1.3.2. Certification of all 5- and 7-skill level core tasks identified with an asterisk (*) in the 5-skill level and 7-skill level core task column of the STS.

C2.3.1.3.3. Completion of duty position requirements identified by the supervisor is mandatory. Completion of other specialized firefighter certification courses is highly encouraged. (i.e. Fire Officer II, Fire Inspector series, Fire Instructor series, etc.)

C2.3.1.4. **Experience.**

C2.3.1.4.1. Experience performing the skills listed in NFPA Standards 1072, 1021, 1031, and 1041 is mandatory.

C2.3.1.4.2. Experience performing and supervising fire protection functions is mandatory.

C2.3.1.4.3. Qualification in and possession of a 5-skill level.

C2.3.1.5. **Other.**

C2.3.1.5.1. Certification Requirements. Must be certified by the FESCP at a Hazardous Materials Technician, Fire Officer I, Fire Inspector I, and Fire Instructor I levels. Member must remain current in Munitions Firefighting.

C2.3.1.5.2. Medical Requirements. Must meet NFPA Standard 1582, *Medical Requirements for Firefighters*, for entry, award, and retention of this AFSC.

C2.3.1.5.3. Must have a Secret security clearance according to AFI 31-501, *Personnel Security Program Management,* for award and retention of this AFSC.

C2.3.1.5.4. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.

C2.3.1.5.5. Must maintain an Air Force Network License according to AFI 33-115, Vol 2, *Licensing Network Users and Certifying Network Professionals.* To be granted access to af.mil or af.smil networks an individual must process a favorable background investigation, be trained, and licensed.

C2.3.2. **Training Sources and Resources.** Successful completion of the following certification courses is mandatory unless the individual has already been certified under the FESCP at these levels or higher levels.

C2.3.2.1. 10723W, Hazmat Technician.

C2.3.2.2. 10211W, Fire Officer I.

C2.3.2.3. 10411W, Fire Instructor I.

C2.3.2.4. 10311W, Fire Inspector I.

C2.3.2.5. Munitions Firefighting

C2.3.2.6. The STS (Part II, Section A of this CFETP) identifies all core tasks required for qualification in the individual's duty position.

C2.3.2.7. Qualified trainers provide upgrade and qualification training for duty positions, managed programs, and/or equipment to be used.

C.2.3.2.8. Completion of the Company Officer Development Program

C2.3.3. **Implementation.**

C2.3.3.1. Entry into 7-level training is initiated when an individual is selected for SSgt and is fully qualified in the AFSC 5-skill level.

C2.3.3.2. Qualification training is initiated any time individuals are assigned duties they are not qualified and FESCP certified to perform.

C2.4. **Superintendent (9-Level) Training Requirements. (3E791)**

C2.4.1. **Specialty Qualification.**

C2.4.1.1. **Knowledge.** Knowledge is mandatory of the requirements spelled out in NFPA Standards 1021 (Fire Officer IV), 1031 (Fire Inspector II), 1041 (Fire Instructor II), 1072 (HazMat Incident Commander).

C2.4.1.2. **Education.**

C2.4.1.2.1. Must be a resident graduate of SNCOA or Sister Services equivalent (active duty only). SNCO distance learning is a prerequisite for SMSgt promotion consideration and SNCOA attendance.

C2.4.1.2.2. ARC personnel must complete AU A4/6 course 00014 (web-based) or in- residence SNCOA course prior to award of the 9-skill level.

C2.4.1.2.3. Completion of the AFIT in-residence, WMGT 427, FES Flight Superintendent Course is required for active duty and highly encouraged for ARC. AFIT WMGT 570 Civil Engineer Superintendent Course is mandatory for active duty/AFRC only (ANG highly encouraged).

C2.4.1.2.4. Airmen eligible for promotion to SMSgt must possess a conferred Associates degree. An Associate's Degree in Fire Science Technology and/or a bachelor's degree in any other related field is desirable.

C2.4.1.2.5. Be a graduate of the National Fire Academy Executive Fire Officer Program is desirable.

C2.4.1.3. **Training.**

C2.4.1.3.1. Completion of the applicable FESCP courses listed below in paragraph C2.4.2.1. is mandatory.

C2.4.1.3.2. Completion of duty position training requirements.

C2.4.1.4. **Experience.**

C2.4.1.4.1. Experience performing the skills required in NFPA Standards 1072, 1021, 1031, and 1041 is mandatory.

C2.4.1.4.2. Experience managing and supervising fire protection functions and directing firefighting operations is mandatory.

C2.4.1.4.3. Qualification in and possession of 7-skill level is mandatory.

C2.4.1.5. **Other.**

C2.4.1.5.1. **Certification Requirements.** To be upgraded to the 3E791 superintendent level, the following FESCP certifications are mandatory: Fire Officer IV, Fire Inspector II, Fire Instructor II, ICS 300/400, HAZMAT Incident Commander and completion of AFIT 427 Fire and Emergency Services Fire and Emergency Services Flight Superintendent Course. Member must remain current in Munitions Firefighting.

C2.4.1.5.2. In-residence SNCO Academy located at Maxwell AFB - Gunter Annex AL (if eligible).

C2.4.1.5.3. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Vehicle Operations*.

C2.4.1.5.4. Must maintain an Air Force Network License according to AFI 33-115, Vol 2, *Licensing Network Users and Certifying Network Professionals*. To be granted access to af.mil or af.smil networks an individual must process a favorable background investigation, be trained, and licensed.

C2.4.2. **Training Sources and Resources.**

C2.4.2.1. Successful completion of the following certification courses is mandatory unless the individual has already been certified under the FESCP at these levels or higher levels.

C2.4.2.1.1. 10214, Fire Officer IV.

C2.4.2.1.2. 10412W, Fire Instructor II.

C2.4.2.1.3. 10312W, Fire Inspector II.

C2.4.2.1.4. 10724W, Hazardous Materials Incident Commander.

C2.4.2.1.5. ICS 300/400

C2.4.2.2. In-residence Senior NCO Academy located at Maxwell AFB - Gunter Annex AL.

C2.4.2.3. Senior NCO Academy Distance Learning Course (ANG/AFRC)

C2.4.3. **Implementation.**

C2.4.3.1. Entry into 9-level training is initiated when an individual is selected for SMSgt and is a fully qualified 7-Level.

C2.4.3.2. Qualification training is initiated any time an individual is assigned duties they are not certified to perform.

C2.5. **Fire Protection Manager Training Requirements. (3E700)**

C2.5.1. **Specialty Qualification.**

C2.5.1.1. **Knowledge.** Knowledge is mandatory of:

C2.5.1.1.1. Managing and directing personnel resource activities.

C2.5.1.1.2. Interpreting and enforcing policy and applicable directives.

C2.5.1.1.3. Establishing control procedures to meet work goals and standards.

C2.5.1.1.4. Recommending or initiating actions to improve operational efficiency.

C2.5.1.1.5. Planning and programming work commitments and schedules.

C2.5.1.1.6. Developing plans regarding facilities, supplies, and equipment procurement and maintenance.

C2.5.1.1.7. The requirements spelled out in NFPA Standards 1021 (Fire Officer IV), 1031 (Fire Inspector II), 1041 (Fire Instructor II), 1072 (HazMat Incident Commander), and ICS 300/400.

C2.5.1.2. **Education.**

C2.5.1.2.1. Possession of a CCAF degree is required for promotion eligibility. An Associate's Degree in Fire Science Technology is desirable, and/or a bachelor's degree in any other related field is desirable.

C2.5.1.2.2. Will attend their respective MAJCOM's Chief Orientation Course as well as the Chief's Leadership Course.

C2.5.1.2.2. Be a graduate of the National Fire Academy Executive Fire Officer Program is desirable.

C2.5.1.3. **Training.** Completion of the applicable FESCP courses listed below in paragraph C2.5.2.1. is mandatory.

C2.5.1.4. **Experience.**

C2.5.1.4.1. Experience performing the skills required in NFPA Standards 1072, 1021, 1031, and 1041 is mandatory.

C2.5.1.4.2. Experience managing and supervising fire protection functions and directing firefighting operations is mandatory.

C2.5.1.4.3. Managerial ability to plan, direct, coordinate, implement, and control a wide range of work activity.

C2.5.1.5. **Other.**

C2.5.1.5.1. Certification Requirements. The following FESCP certifications are mandatory: Fire Officer IV, Fire Inspector II, Fire Instructor II, ICS 300/400, and HAZMAT Incident Commander. Member must remain current in Munitions Firefighting.

C2.5.2. **Training Sources and Resources.**

C2.5.2.1. Successful completion of the following certification courses is mandatory unless the individual has already been certified under the FESCP at these levels or higher levels.

C2.5.2.1.1. 10214W, Fire Officer IV.

C2.5.2.1.2. 10312W, Fire Inspector II.

C2.5.2.1.3. 10412W, Fire Instructor II.

C2.5.2.1.4. 10724W, Hazardous Materials Incident Commander.

C2.5.2.1.5. ICS 300/400

C2.5.3. **Implementation.** Entry into Fire Protection Manager Code 3E700 is initiated when an individual is selected for promotion to the grade of CMSgt.

SECTION D - RESOURCE CONSTRAINTS

D1. Purpose. This section identifies known resource constraints, which preclude optimal and desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

D2. Apprentice (3-Level) Training:

D2.1. Constraints. None.

D2.1.1. Impact. None.

D2.1.2. Resources Required. None.

D2.1.3. Action Required. None.

D2.2. OPR/Target Completion Date. None.

D3. Journeyman (5-Level) Training.

D3.1. Constraints. None.

D3.1.1. Impact. None.

D3.1.2. Resources Required. None.

D3.1.3. Action Required. None.

D3.2. OPR/Target Completion Date. None.

D4. Craftsman (7-Level) Training. None.

D4.1. Constraints. None.

D4.1.1. Impact. None.

D4.1.2. Resources Required. None.

D4.1.3. Action Required. None.

D4.2. OPR/Target Completion Date. None.

D5. Superintendent (9-Level) Training. None.

D4.1. Constraints. None.

D4.1.1. Impact. None.

D4.1.2. Resources Required. None.

D4.1.3. Action Required. None.

D4.2. OPR/Target Completion Date. None.

SECTION E – TRANSITIONAL TRAINING GUIDE

"There are no transition training requirements for the Fire Protection Specialty. This section is reserved."

PART II

SECTION A - SPECIALTY TRAINING STANDARD

A1. Implementation. This STS will be used for technical training provided by AETC for Apprentice Fire Protection Specialist course.

A2. **Purpose.** As prescribed in AFI 36-2670, Chapter 4, this STS, *Air Force Training Program,* and in collaboration with the Civil Engineer, Air Force Career Field Manager (AFCFM), it is mandatory for all civil engineers, regardless of duty assignment, to use an automated training record. The automated training record currently being utilized to document upgrade and qualification training is an application located on the AFCEC-VLC.

A2.1. **Column 1 (*Tasks, Knowledge, and Technical References*).** Lists the most common tasks, knowledge, and supporting technical references (TR) necessary for Airmen to perform duties in the 3-, 5-, and 7-skill level.

A2.2. **Column 2. (Core Tasks).** Identifies core tasks (specialty-wide training requirements) by an asterisk (♦) in the appropriate skill level sub-column. As a minimum, trainees must complete hands-on certification on all core and critical tasks for skill level upgrade.

A2.2.1. **Wartime Tasks.** All tasks in the 3-level course column are considered wartime tasks. In response to a wartime scenario, these tasks will be taught in the 3-level course in a streamlined training environment.

A2.3. **Column 3 (Certification for OJT)**. Used to record completion of tasks and knowledge training requirements. Use the automated training record application to document individual qualifications. **Task certification of core and critical tasks** require a training start and completion date and initials of the trainee, trainer, and certifier. All non-core tasks require training start and completion date and initials of the trainee and trainer only. Start dates are not required when transcribing tasks.

A2.4. **Column 4 (Proficiency Codes Used to Indicate Training/Information Provided).** Indicates formal training and correspondence course requirements. It shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task, knowledge and the career knowledge provided by the initial skills training course, correspondence course, and read-ahead material. See CADRE/AFSC/CDC listing maintained by the unit education and training manager for current CDC listings.

A2.5. **Qualitative Requirements.** Contains the proficiency code key used to indicate the level of training and knowledge provided by WBT, resident training and career development courses.

A2.6. **Job Qualification Standard (JQS).** The STS becomes the JQS for OJT when placed in the automated training application and used according to AFI 36-2670, Chapter 4, *Air Force Training Program*. When used as a JQS, the following requirements apply:

A2.6.1. **Documentation.** Document and certify completion of training.

A2.6.1.1. **Duty position.** Duty position titles and task requirements for each position will be developed/identified by the Assistant Chief for Training or section supervisor in the automated

training application. Ensure the correct duty position title is listed under trainees Profile I section of the trainee's electronic training application & electronic training record.

A2.6.1.2. **Duty position change.** To change a trainee duty position title select the Profile section under the trainee record and select the new duty position from the dropdown box, entry the date entered new duty position and save the update. Under the trainee JQS section you will see the new tasks associated with the selected duty position. The trainee and trainer/certifier will need to sign off the tasks associated with the new position.

A2.6.1.3. **Transcribing from previous versions to the new CFETP.** Most items should transcribe automatically during the update of the new CFETP. The UTM and supervisor must conduct a review of the new STS to identify any new core or non-core tasks and add those tasks to their duty positions.

A2.6.1.3.1. **Previous training certification not listed.** If previous training certification is not listed in the individual record, select the parent task to be transcribed, check the task title(s) block, and click on the transcribe button. Enter the date of the original certification and sign off the task(s). The trainee will then sign off the task(s) to finalize the transcription of previous training certification. The automated application will place an entry into the trainee 623a and must be acknowledged by the transcriber and trainee.

A2.6.1.3.2. **Transcribing external training certification.** If a trainee attended a formal training course and received appropriate accreditation, select the 623 III section of the user automated training record and locate the course title in the master task list, then enter the completion date. If the course title is not listed, contact the UTM to have it loaded from the master catalog. If it is not listed in the master catalog contact the Force Development Manager at AFCEC to have it loaded in the master catalog.

A2.6.2. **Documenting Career Knowledge.** When a certification course is not available, the supervisor identifies STS training references that the trainee requires for career knowledge IAW AFI 36-2670, Chapter 4, *Air Force Training Program* and ensures, as a minimum, that trainees cover all mandatory items specified in AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted).*

A2.6.2.1. Two-time certification course exam failures. Because firefighter certification courses are part of a national certification system that has been accredited by the International Fire Service Accreditation Congress operated by Oklahoma State University, the waiver authority for two time certification course failures for this career field rests with the AFCFM located at HAF. See AFI 36-2670 Chapter 4 Air Force Training Program Table 4.5 Note 1 for specific waiver procedures.

A2.6.2.2. Certification course waiver packages must be fully justified and be approved by the applicable training and fire protection representatives at the squadron, wing, and MAJCOM levels prior to being forwarded to AFCEC for final approval/disapproval. See AFI 36-2670, Chapter 4, *Air Force Training Program* for specific waiver procedures. For two-time certification course exam failures, supervisors identify all STS items corresponding to the areas covered by the certification course. The trainee completes a study of STS references, undergoes evaluation by the task certifier, and receives certification on the STS after successful completion of the task. **NOTE:** Career knowledge must be documented prior to submitting a certification course waiver.

A2.6.3. **Decertification.** When an Airman is found to be unqualified on a task, the supervisor shall identify the task in the JQS and check the box next to the task title. The supervisor shall select the Decertify button on the screen menu and enter a 623a comment explaining why the task was decertified, and then enter the Airman into qualification training. The individual is recertified using the normal certification process.

A2.6.4. **Recertification.** When an Airman is required to be recertified on a previous task due to annual or bi-annual requirements. The supervisor shall identify the task in the JQS and check the box next to the task title and select the Recertify button on the screen and entry the dates the recertification was completed.

A2.6.5. **Training Standard.** Tasks are trained and certified to the job performance requirements as specified in the applicable NFPA standard.

A2.7. **Specialty Training Standard.** The STS is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests are developed at the USAF Airman Advancement Division by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the Enlisted Promotions References and Requirements Catalog. Individual responsibilities are in AFI 36-2605, *AF Military Testing System.* WAPS is not applicable to the Air National Guard or Air Reserve Forces.

A3. **Recommendations.** Comments and recommendations are invited concerning the quality of training AETC graduates receive. Reference specific STS paragraphs and address correspondence regarding changes to the Louis F. Garland Fire Academy, 312 TRS/DOF, 301 Comanche Trail, Goodfellow AFB, TX 76908-4213. For the supervisor's convenience, a Customer Service Information Line (CSIL) has been established. For a quick response to problems, call the CSIL, at DSN 477-3350, or commercially (915) 654-3350, any time (day or night).

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

WILLIAM H. KALE III.
Brigadier General, USAF
DCS/Logistics, Engineering, & Force Protection

This Block Is For Identification Purposes Only.			
Name Of Trainee			
Printed Name (*Last, First, Middle Initial***)**		**Initials (Written***)*	**SSAN (Last four)**
Printed Name Of Trainer, Certifying Official And Written Initials			
N/I		*N/I*	
N/I		*N/I*	
N/I		*N/I*	

A4. **Qualitative Requirements.**

	Scale Value	**Definition: The individual**
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (Partially Proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient)
Task Knowledge Levels	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can determine step by step procedures for doing the task. (Procedures)
	c	Can identify why and when the task must be done and why each step is needed. (Operating Principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced Theory)
Subject Knowledge Levels	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)

Explanations	
5	This symbol in the core task column indicates that it is a 5-level core task.
7	This symbol in the core task column indicates that it is a 7-level core task.
9	This symbol in the core task column indicates that it is a 9-level core task.
^	This symbol in the core task column indicates that 3rd party task certification is required.
*	This symbol in the deployment/SEI column indicates that the task is a deployment task.
+	This symbol in the deployment/SEI column indicates that the task is a Special Experience Identifier
2b/b	This mark in the course columns shows that training is required but not given due to resource limitations. .
(I)	This mark in the course columns is used to show that training is multi-service.
♦	A diamond in the task column indicates it is a core task, however due to equipment or funding constraint at some units, the completion of the AFQTP and/or web-based training course is all that is required for upgrade. Hands-on certification must be accomplished at the first opportunity when equipment or funding is available.
TQT	TQT in the task column indicates the task is a CBRN Qualification Task. IAW AFI 10-2501, these tasks will also be accomplished in MOPP 4 and annotated on the 623A or AF Form 797.
▲	A black triangle in the task column indicates a AFQTP is available for use
△	A white triangle in the task column indicates a AFQTP is under development
Specific tasks not identified with a symbol or proficiency code key indicates no training is provided in the course. Major commands and/or units may establish scale values and combat training as dictated by mission requirements.	
A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task.	
A subject knowledge scale value is 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.	

A5. Specialty Training Standard

A5.1. Identification. In the automated training record User Profile section the UTM will assign individuals to the correct workcenter upon in processing into the unit.

A5.1.1. For new trainee the UTM will assist them in creating a training record on the AFCEC-VLC and placing them in the correct workcenter and specialty within their unit. Additional information will need to be entered into the following areas:

A5.1.1.1. **User Administrators:**

A5.1.1.1.1. Individual UTM

A5.1.1.1.2. Workcenter Supervisor

A5.1.1.1.3. Immediate Supervisor

A5.1.1.2. **User Training Information.**

A5.1.1.2.1 Duty Position

A5.1.1.2.2. Date Entered Duty Positions

A5.1.1.2.3. Training Status Code

A5.1.1.2.4. Date Entered Upgrade Training (UGT)

A5.1.2. For all other the UTM will need to place the individual into the correct workcenter and specialty. If the individual record is not available contact the losing unit to have the record transferred. If this fails contact the AFCEC-VLC helpdesk for assisting. Additional information will need to be entered into the following areas:

A5.1.2.1. **User Administrators:**

A5.1.2.1.1. Individual UTM

A5.1.2.1.2. Workcenter Supervisor

A5.1.2.1.3. Immediate Supervisor

A5.1.2.2. **User Training Information.**

A5.1.2.2.1 Duty Position

A5.1.2.2.2. Date Entered Duty Positions

A5.1.2.2.3. Training Status Code

A5.2. Specialty Tasks. The following are tasks the workcenter supervisor will use to create the duty task list for each 3, 5, 7, and 9 skill level duty position created for their workcenter. The STS contains only the minimum tasks necessary for each skill level. Duty positions that require tasks above the minimum can be referenced in Part I, verified through the Air Force Civil Engineer Center Certification Program site, and correlated to the applicable NFPA standard for job performance requirements.

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	Deployment */SEI^	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
1. Civil Engineer (CE) Common Core Concepts Courses											
TR: AFCEC Virtual Learning Center (AFCEC VLC)											
1.1. Accomplish CE 3/5-Level Core Concepts Course	5										
1.2. Accomplish CE 7-Level Core Concepts Course	7										
2. Identify Information in Fire Protection Publications											
TR: NFPA Publications, IFSTA Manuals, other commercial publications, and applicable OSHA Regulations											
2.1. Federal Agency Pubs											
2.1.1. DoDI 6055.06, DoD Fire and Emergency Services (F&ES) Program	5							A	A	B	
2.1.2. DoDI 6055.06M, DoD Fire and Emergency Services Certification Program	5							A	A	B	
2.1.3. DoD Fire & Emergency Services Certification Program Procedural Guide	5								A	C	
2.2. Technical Orders											
2.2.1. T.O. 00-25-72, Ground Servicing of Aircraft and Static Grounding/Bonding	5							A	A	C	
2.2.2. T.O. 14P3-1-181, Joint Fire Integrated Response Ensemble	5	*							A	C	
2.2.3. T.O. 35E1-2-13-1, Operation and Maintenance Instructions Aircraft Fire Training Facility	5								A	C	
2.3. Standard AF Pubs											
2.3.1. AFPD 32-20, Fire Emergency Services	5							A	A	B	
2.3.2. AFMS 44F1, Fire Emergency Services Flight Air Force Manpower Standard	5								A	B	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment					A	B	C	D
			A	B	C	D	E	A	B	C	D
			Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
2.3.3. AFI 32-2001, Fire Emergency Services (FES) Program	5							A	A	C	
2.3.4. AFPAM 32-2004, Aircraft Fire Protection for Exercises and Contingency Response Operations	5	*							B		
2.3.5. AFTTP 3-32.41, Contingency Firefighting Operations	5	*							C		
2.3.6. AFI 32-10141, Planning and Programming Fire Safety Deficiency Correction Projects	5								B		
2.3.7. AFI 10-2501, Air Force Emergency Management (EM) Program Planning and Operations	5								B		
2.3.8. AFMAN 10-2502, Air Force Incident Management System (AFIMS) Standards and Procedures	5								B		
2.3.9. AFI 10-210 chapters 2, 3, 9, Prime Base Engineer Emergency Force (BEEF) Program	5								B		
2.3.10. AFMAN 91-203 chapters 6, 23, Air Force Consolidated Occupational Safety Instruction	5								C		
2.3.11. UFC 3-600-01 chapter 3, Fire Protection Engineering for Facilities	5								B		
2.3.12. UFC 3-601-02, Operation and Maintenance. Inspection, Testing, and Maintenance of Fire Protections Systems	5								B		
2.3.13. UFC 1-201-01, Non-Permanent DoD Facilities in Support of Military Operations	5								B		
2.3.14. Allowance Source Code 010, AFVEHICLES	5								B		
2.3.15. Allowance Source Code 490, CESFIREPRTEC	5								B		
2.4. Commercial Pubs											
2.4.1. NFPA Standards	5							A	A	B	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*SEI / Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
2.4.2. NFPA 1710 TIG, Air Force Fire Emergency Services Structural Response Guide	5								C		
2.4.3. NFPA 403 TIG, Standard for Aircraft Rescue Fire Fighting Services at Airports	5								C		
3. Emergency Medical Services											
TR: DOT National Standard Curriculum, American Heart Association											
3.1. Cardiopulmonary Resuscitation (CPR)											
3.1.1. General Knowledge	5							A			
3.1.2. Perform Adult/Child One-Rescuer CPR with an AED	5	^						2b			
3.1.3. Perform Adult Two-Rescuer CPR with an AED	5	^						2b			
3.1.4. Perform Infant One-Rescuer CPR	5	^						2b			
3.1.5. Perform Child/Infant Two-Rescuer CPR	5	^						2b			
3.2. National Registry Emergency Medical Responder (EMR)											
3.2.1. General Knowledge	5							A			
3.2.2. Perform primary patient assessment	5	^						2b			
3.2.3. Perform secondary patient assessment	5	^						2b			
3.2.4. Perform airway and breathing management	5	^						2b			
3.2.5. Perform pharmacologic interventions	5							2b			
3.2.6. Perform patient Management - Medical emergency	5	^						2b			
3.2.7. Perform patient management - Trauma emergency	5	^						2b			
4. Firefighter I											
TR: NFPA 1001, 2013 Edition, Chapter 4 & 5, IFSTA Manuals and applicable Commercial Publications											
4.1. General Requirements											
4.1.1. General Knowledge Requirements	5							A			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*\/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
4.1.2. Complete General Skills Requirements	5							2b			
4.2. Fire Department Communications											
4.2.1. Initiate the response to a reported emergency	5	^						2b			
4.2.2. Receive a telephone call	5	^						2b			
4.2.3. Transmit and receive messages via the fire department radio	5	^						2b			
4.2.4. Activate an emergency call for assistance	5	^						2b			
4.3. Fire Ground Operations											
4.3.1. Use SCBA during emergency operations	5	^						2b			
4.3.2. Respond on apparatus to an emergency scene	5	^						2b			
4.3.3. Establish and operate in work areas at emergency scene	5	^						2b			
4.3.4. Force entry into a structure	5	^						2b			
4.3.5. Exit hazardous area as a team	5	^						2b			
4.3.6. Set up ground ladders	5	^						2b			
4.3.7. Attack a passenger vehicle fire operating as a member of a team	5	^						2b			
4.3.8. Extinguish fires in exterior Class A materials	5	^						2b			
4.3.9. Conduct a search and rescue in a structure operating as a member of a team	5	^						2b			
4.3.10. Attack an interior structure fire operating as a member of a team	5	^						2b			
4.3.11. Perform horizontal ventilation on a structure operating as part of a team	5	^						2b			
4.3.12. Perform vertical ventilation on a structure as part of a team	5	^						2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	Deployment */SEI	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
4.3.13. Overhaul a fire scene	5	^						2b			
4.3.14. Conserve property as a member of a team.	5	^						2b			
4.3.15. Connect a fire department pumper to a water supply as a member of a team	5	^						2b			
4.3.16. Extinguish incipient Class A, Class B, and Class C fires with fire extinguishers	5	^						2b			
4.3.17. Illuminate the emergency scene	5	^						2b			
4.3.18. Turn off building utilities	5	^						2b			
4.3.19. Combat a ground cover fire operating as a member of a team	5	^						2b			
4.3.20. Tie a knot appropriate for hoisting tools	5	^						2b			
4.4. Preparedness and Maintenance											
4.4.1. Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment and hand tools	5	^						2b			
4.4.2. Clean, inspect and return fire hose to service	5	^						2b			
5. Firefighter II											
TR: NFPA 1001, 2013 Edition, Chapter 6, IFSTA Manuals, and applicable Commercial Publications											
5.1. General Requirements											
5.1.1. General Knowledge Requirements	5							A			
5.1.2. Complete General Skills Requirements	5	^						2b			
5.2. Fire Department Communications											
5.2.1. Complete a basic incident report	5	^						2b			
5.2.2. Communicate the need for team assistance	5	^						2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
5.3. Fireground Operations											
5.3.1. Extinguish an ignitable liquid fire, operating as a member of a team	5	^						2b			
5.3.2. Coordinate an interior attack line for a team's accomplishment of an assignment in a structure fire	5	^						2b			
5.3.3. Control a flammable gas cylinder fire, operating as a member of a team	5	^						2b			
5.3.4. Protect evidence of fire cause and origin	5	^						2b			
5.4. Rescue Operations											
5.4.1. Extricate a victim entrapped in a motor vehicle as part of a team	5	^						2b			
5.4.2. Assist rescue operation teams	5	^						2b			
5.5. Fire and Life Safety Initiatives, Preparedness and Maintenance											
5.5.1. Perform a fire safety survey in an occupied facility	5	^						2b			
5.5.2. Present fire safety information to station visitors or small groups	5	^						2b			
5.5.3. Prepare a pre incident survey	5	^						2b			
5.5.4. Maintain power plants, power tools and lighting equipment	5	^						2b			
5.5.5. Perform an annual service test on fire hose	5	^						2b			
6. Airport Firefighter											
TR: NFPA 1003, 2015 Edition, Chapter 4, IFSTA Manuals, and applicable Commercial Publications											
6.1. General Requirements											
6.1.1. General Knowledge Requirements	5							A			
6.1.2. Complete General Skills Requirements	5							2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	Deployment */SEI	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
6.2. Response											
6.2.1. Respond to day and night incidents or accidents on and adjacent to the airport	5	^						b			
6.2.2. Communicate critical incident information regarding an incident or accident on or adjacent to an airport	5	^						2b			
6.2.3. Communicate with applicable air traffic control facilities	5	^						2b			
6.2.4. Perform an airport operation	5	^						2b			
6.3. Fire Suppression											
6.3.1. Extinguish aircraft fuel spill fires- utilizing a hand line	5	^						2b			
6.3.2. Extinguish an aircraft fuel spill fire-utilizing vehicle turrets	5	^						2b			
6.3.3. Extinguish a three-dimensional aircraft fuel fire as a member of a team	5	^						2b			
6.3.4. Attack a fire on the interior of an aircraft while operating as a member of a team	5	^						2b			
6.3.5. Attack an engine or auxiliary power unit/emergency power unit (APU/EPU) fire on an aircraft while operating as a member of a team	5	^						2b			
6.3.6. Attack a wheel assembly fire as a member of a team	5	^						2b			
6.3.7. Ventilate an aircraft through available doors, and hatches while operating as a member of a team	5	^						2b			
6.3.8. Replenish extinguishing agents while operating as a member of a team	5	^						2b			
6.3.9. Preserve the aircraft accident scene	5	^						2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
6.3.10. Overhaul the accident scene	5	^						2b			
6.4. Rescue											
6.4.1. Gain access into and out of an aircraft through normal entry points and emergency hatches as a member of a team	5	^						2b			
6.4.2. Secure and shut down the aircraft while operating as a member of a team	5	^						2b			
6.4.3. Assist in the evacuation process while operating as a member of a team	5	^						2b			
6.4.4. Locate and disentangle an entrapped victim from an aircraft as a member of a team	5	^						2b			
6.4.5. Implement initial triage of the victims of an aircraft accident	5	^						2b			
7. Hazardous Materials Awareness & Operations with MSC Product Control/PPE											
TR: NFPA 1072, 2017 Edition, Chapters 4, 5, 6.6, 6.2 and the current edition of the Emergency Response Guidebook											
7.1. General Knowledge	5							A			
7.2. Awareness Level											
7.2.1. Recognize and identify the hazardous materials/WMD and hazards involved in a hazardous materials/WMD incident.	5	^						2b			
7.2.2. Isolate the hazard area and deny entry at a hazardous materials/WMD incident.	5	^						2b			
7.2.3. Initiate required notifications at a hazardous materials/WMD incident.	5	^						2b			
7.3. Operations Level											
7.3.1. Identify the scope of the problem at a hazardous materials/WMD incident	5	^						2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
7.3.2. Identify the action options for a hazardous materials/WMD incident.	5	^						2b			
7.3.3. Perform assigned tasks at a hazardous materials/WMD incident.	5	^						2b			
7.3.4. Perform emergency decontamination at a hazardous materials/WMD incident	5	^						2b			
7.3.5. Evaluate and report the progress of the assigned tasks for a hazardous materials/WMD incident	5	^						2b			
7.4. MSC Product Control											
7.4.1. Perform product control techniques with a limited risk of personal exposure at a hazardous materials/WMD incident.	5	^						2b			
7.5. MSC PPE											
7.5.1. Select, don, work in, and doff approved PPE at a hazardous materials/WMD incident.	5	^						2b			
8. Rookie Firefighter Development Program TR: NFPA Publications, IFSTA Manuals, other commercial publications, applicable OSHA Regulations, and Installation Standard Operating Procedures											
8.1. Basic Firefighting Skills Section	5										
8.2. ARFF Section	5										
8.3. Structural Section	5										
8.4 Special Operations/EMS Section	5										
8.5. Installation Specific Section	5										
8.6. Contingency Operation Section	5										
8.7. Capstone Assignment	5										

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
9. Driver / Operator - Core											
TR: NFPA 1002, 2017 Edition, Chapters 4, IFSTA Manuals, and applicable Commercial Publications											
9.1. General Skills											
9.1.1. Perform visual and operational checks on the systems and components specified in the following list.	5	^						3c			
9.1.2. Document the visual and operational checks, given maintenance and inspection forms, so that all items are checked for operation and deficiencies are reported.	5	^						3c			
9.2. Apparatus Driving and Operating											
9.2.1. Operate an apparatus on a public roadway	5	^						3c			
9.2.2. Back an apparatus from a roadway into a restricted spaces on both the left and right sides of the vehicle	5	^						3c			
9.2.3. Maneuver an apparatus around obstructions on a roadway while moving forward and in reverse	5	^						3c			
9.2.4. Turn an apparatus 180 degrees within a confined space	5	^						3c			
9.2.5. Maneuver an apparatus in areas with restricted horizontal and vertical clearances	5	^						3c			
8.2.6. Operate an apparatus using defensive driving techniques	5	^						3c			
9.2.7. Operate all fixed systems and equipment on an apparatus	5	^						3c			
10. Driver / Operator Pumper											
TR: NFPA 1002, 2017 Edition, Chapters 4 & 5, IFSTA Manuals, and applicable Commercial Publications											
10.1. General Knowledge											
10.1.1. Water Supply	5							3c			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
10.1.2. Sprinklers and Standpipes	5								3c		
10.1.3. Hydraulic Principles	5								B		
10.1.4. Hydraulic Calculations	5								3c		
10.2. General Skills											
10.2.1. Perform the visual and operational checks on the systems and components	5	^							3c		
10.3. Operations											
10.3.1. Respond on apparatus to an emergency scene.	5	^							3c		
10.3.2. Establish and operate in work areas at emergency and nonemergency scenes.	5	^							3c		
10.3.3. Connect a fire department pumper to a water supply as a member of a team.	5	^							3c		
10.3.4. Produce effective hand or master streams.	5	^							3c		
10.3.5. Produce effective hand streams and master streams from the internal tank.	5	^							3c		
10.3.6. Produce effective hand streams and master streams from a pressurized source	5	^							3c		
10.3.7. Produce effective hand streams and master streams from a static source.	5	^							3c		
10.3.8. Transfer from internal tank to external source without interrupting water flow	5	^							3c	-	-
10.3.9. Pump a supply line of 2 1/2 in. (65 mm) or larger.	5	^							3c	-	-
10.3.10. Produce a foam fire stream.	5	^							3c	-	-
10.3.11. Supply water to fire sprinkler and standpipe systems.	5	^							3c	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*Deployment /SEI	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
11. Driver/Operator – Airport Rescue Fire Fighting (ARFF)											
TR: NFPA 1002, 2017 Edition, Chapters 4 & 9, IFSTA Manuals, and applicable Commercial Publications											
11.1. General Knowledge											
11.1.1. ARFF General	5								3c		
11.1.2. ARFF Water Supply	5								3c		
11.1.3. Hydraulic Principles	5								B		
11.1.4. ARFF Systems	5								3c		
11.2. General											
11.2.1. Perform the visual and operational checks on the systems and components	5	^							3c		
11.2.2. Operate an ARFF vehicle, given a predetermined route on an airport that includes all aircraft movement areas	5	^							3c		
11.2.3. Operate an ARFF apparatus, given a predetermined route, off of an improved surface	5	^							3c		
11.3. Operations											
11.3.1. Maneuver and position an ARFF vehicle so that the vehicle is positioned for correct operation at each operational position for the aircraft.	5	^							3c		
11.3.2. Produce a fire stream while the vehicle is in both forward and reverse power modulation.	5	^							3c		
11.3.3. Produce a fire stream, so that the pump is engaged, the turrets are deployed, the agent is delivered to the intended target at the correct rate	5	^							3c		
12. Driver/Operator - Mobile Water Supply (MWS)											
TR: NFPA 1002, 2017 Edition, Chapters 4 & 10, IFSTA Manuals, & applicable Commercial Publications											
12.1. General Knowledge											
12.1.1. Water Supply	5								3c		
12.1.2. Hydraulic Principles	5								B		
12.1.3. Hydraulic Calculations	5								3c		

1. Tasks, Knowledge and Technical References	2. Core Tasks			3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
12.1.4. Static Water Sources	5									3c		
12.2. General												
12.2.1. Perform visual and operational checks on the systems and components	5	^								3c		
12.3. Operations												
12.3.1. Maneuver and position a mobile water supply apparatus at a water shuttle fill site, so that the apparatus is positioned, supply hose are attached to the intake connections without having to stretch additional hose, and no objects are struck at the fill site.	5	^								3c		
12.3.2. Maneuver and position a mobile water supply apparatus at a water shuttle dump site, so that all of the water being discharged from the apparatus enters the portable tank and no objects are struck at the dump site.	5	^								3c		
12.3.3. Establish a water shuttle dump site, so that the tank being drafted from is kept full at all times, the tank being dumped into is emptied first, and the water is transferred from one tank to the next.	5	^								3c		
13. Fire Officer I												
TR: NFPA 1021, 2014 Edition, Chapter 5 , IFSTA Manuals, and applicable Commercial Publications												
13.1. General Knowledge												
13.1.1. Administration	7										3c	
13.1.2. Community Relations	7										3c	
13.1.3. Supervision	7										3c	
13.1.4. Safety	7										3c	
13.1.5. Emergency Operations	7										3c	
13.1.6. Fire Inspection,	7										3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
13.1.7. Pre-Incident Plans	7									3c	
13.2. Human Resource Management											
13.2.1. Assign tasks or responsibilities to unit members at an emergency incident	7	^								3c	
13.2.2. Assign tasks or responsibilities to unit members at a non-emergency incident	7	^								3c	
13.2.3. Direct unit members during a training evolution	7	^								3c	
13.2.4. Recommend action for member-related problems,	7	^								3c	
13.2.5. Apply human resource policies and procedures	7	^								3c	
13.2.6. Coordinate the completion of assigned tasks and projects by members	7	^								3c	
13.3. Community and Government Relations											
13.3.1. Initiate action on a community need	7	^								3c	
13.3.2. Initiate action to a citizen's concern	7	^								3c	
13.3.3. Respond to a public inquiry	7	^								3c	
13.4. Administration											
13.4.1. Recommend changes to existing departmental policies and/or implement a new departmental policy at unit level	7	^								3c	
13.4.2. Execute routine unit-level administrative functions	7	^								3c	
13.4.3. Prepare a budget request	7	^								3c	
13.4.4. Explain the purpose of each management component of the organization	7	^								3c	
13.4.5. Explain the needs and benefits of collecting incident response data	7	^								3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
13.5. Inspection and Investigation											
13.5.1. Describe the procedures of the AHJ for conducting fire inspections	7	^								3c	
13.5.2. Identify construction, alarm, detection, and suppression features that contribute to or prevent the spread of fire, heat, and smoke throughout the building or from on building to another	7	^								3c	
13.5.3. Secure an incident scene	7	^								3c	
13.6. Emergency Services Delivery											
13.6.1. Develop an initial action plan	7	^								3c	
13.6.2. Implement an action plan at an emergency operation	7	^								3c	
13.6.3. Develop and conduct a post- incident analysis	7	^								3c	
13.7. Health and Safety											
13.7.1. Apply safety regulations at the unit level	7	^								3c	
13.7.2. Conduct an initial accident investigation	7	^								3c	
13.7.3. Explain the benefits of being physically and medically capable of performing assigned duties and effectively functioning during peak physical demand activities	7	^								3c	
14. Fire Inspector I											
TR: NFPA 1031, 2014 Edition, Chapter 4, IFSTA Manuals, and applicable Commercial Publications											
14.1. General Knowledge											
14.1.1. Administration	7									3c	
14.1.2. Life Safety	7									3c	
14.1.3. Building Construction	7									3c	
14.1.4. Fire Protection Systems and Equipment	7									3c	
14.1.5. Inspecting Structures	7									3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
14.1.6. Inspecting Fire Protection Systems	7									3c	
14.1.7. Emergency Planning	7									3c	
14.2. Administration Skills											
14.2.1. Prepare inspection reports, on observations from an assigned field inspection	7	^								3c	
14.2.2. Investigate common complaints	7	^								3c	
14.2.3. Recognize the need for plan review	7	^								3c	
14.2.4. Identify the applicable code or standards	7	^								3c	
14.2.5. Participate in legal proceedings	7	^								3c	
14.3. Field Inspection Skills											
14.3.1. Identify the occupancy classification of a single-use occupancy	7	^								3c	
14.3.2. Compute the allowable occupant load of a single-use occupancy or portion thereof	7	^								3c	
14.3.3. Inspect means of egress elements	7	^								3c	
14.3.4. Verify the type of construction for an addition or remodeling project	7	^								3c	
14.3.5. Determine the operational readiness of existing fixed fire suppression systems	7	^								3c	
14.3.6. Determine the operational readiness of existing fire detection and alarm systems	7	^								3c	
14.3.7. Determine the operational readiness of existing portable fire extinguishers	7	^								3c	
14.3.8. Recognize hazardous conditions involving equipment, processes, and operations	7	^								3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
14.3.9. Compare an approved plan to an existing fire protection system	7	^								3c	
14.3.10. Verify that emergency planning and preparedness measures are in place and have been practiced	7	^								3c	
13.3.11. Inspect emergency access for an existing site	7	^								3c	
14.3.12. Verify code compliance for incidental storage	7	^								3c	
14.3.13. Verify code compliance for incidental storage, handling, and use of hazardous materials	7	^								3c	
14.3.14. Recognize a hazardous fire growth potential in a building or space	7	^								3c	
14.3.15. Determine code compliance	7	^								3c	
14.3.16. Verify fire flows for a site	7	^								3c	
15. Fire Instructor I											
TR: NFPA 1041, 2012 Edition, Chapter 4, IFSTA Manuals, and applicable Commercial Publications											
15.1. General Knowledge											
15.1.1. General	7	^								3c	
15.1.2. Instructional Planning	7	^								3c	
15.1.3. Instructional Development	7	^								3c	
15.1.4. Instructional Methods / Techniques	7	^								3c	
15.1.5. Instructional Materials / Aids	7	^								3c	
15.1.6. Evaluation and Testing	7	^								3c	
15.1.7. Training Records and Reports	7	^								3c	
15.1.8. Concepts of Learning	7	^								3c	
15.1.9. Communication	7	^								3c	
15.1.10. Roles and Responsibilities	7	^								3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
15.2. Program Management Skills											
15.2.1. Assemble course materials	7	^								3c	
15.2.2. Prepare requests for resources	7	^								3c	
15.2.3. Schedule single instructional sessions	7	^								3c	
15.2.4. Complete training records and report forms	7	^								3c	
15.3. Instructional Development Skills											
15.3.1. Review instructional materials	7	^								3c	
15.3.2. Adapt a prepared lesson plan	7	^								3c	
15.4. Instructional Delivery Skills											
15.4.1. Organize the classroom, laboratory, or outdoor learning environment	7	^								3c	
15.4.2. Present prepared lessons	7	^								3c	
15.4.3. Adjust presentations	7	^								3c	
15.4.4. Adjust to differences in learning styles, abilities, cultures, and behaviors	7	^								3c	
15.4.5. Operate audiovisual equipment and demonstration devices	7	^								3c	
15.4.6. Utilize audiovisual materials	7	^								3c	
15.5. Evaluation and Testing Skills											
15.5.1. Administer oral, written, and performance tests	7	^								3c	
15.5.2. Grade student oral, written, or performance tests	7	^								3c	
15.5.3. Report test results	7	^								3c	
15.5.4. Provide evaluation feedback to students	7	^								3c	
16. Company Officer Development Program TR: NFPA Publications, IFSTA Manuals, other commercial publications, applicable OSHA Regulations, and Installation											
16.1. Intro to Company Officer Section	7										

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
16.2. Structural Section	7											
16.3. ARFF Section	7											
16.4. EMS Section	7											
16.5. Special Operations Section	7											
16.6. Installation Specific Operations Section	7											
16.7. Contingency Operations Section	7											
16.8. Capstone Assignment	7											
17. HazMat Technician												
TR: NFPA 1072, Chapter 7, 2017 Edition; NFPA 1561 (2014 Edition), and the current edition of the Emergency Response Guidebook												
17.1. Analyze the Incident												
17.1.1. Classify hazardous materials/WMD and verify the presence and concentrations of hazardous materials through detection, monitoring, and sampling at a hazardous materials/WMD incident.	7	^									B & 2b	
17.1.2. Collect and interpret hazard and response information at a hazardous materials/WMD incident.	7	^									B	
17.1.3. Assess the condition of a container and its closures at a hazardous materials/WMD incident.	7	^									B & 2b	
17.1.4. Predict likely behavior of materials and their containers where multiple materials are involved	7	^									B & 2b	
17.1.5. Estimate the potential outcomes at a hazardous materials/WMD incident.	7	^									B & 2b	
17.2. Response Planning												
17.2.1. Develop and recommend to the incident commander or hazardous materials officer response objectives and action options at a hazardous materials/WMD incident.	7	^									B & 2b	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*\/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
17.2.2. Select the PPE ensemble required for a given response option at a hazardous materials/WMD incident.	7	^								B & 2b	
17.2.3. Select the decontamination method for a given response option at a hazardous materials/WMD incident.	7	^								B & 2b	
17.2.4. Develop a plan of action for a hazardous materials/WMD incident, given a hazardous materials/WMD incident.	7	^								B & 2b	
17.3. Action Plan Implementation											
17.3.1. Perform assigned hazardous materials branch or group functions within the incident command system (ICS) at a hazardous materials/WMD incident.	7	^								B & 2b	
17.3.2. Don, work in, and doff PPE at a hazardous materials/WMD incident.	7^	^								B & 2b	
17.3.3. Perform product control techniques at a hazardous materials/WMD incident.	7	^								B & 2b	
17.3.4. Control leaks from containers and their closures at a hazardous materials/WMD incident.	7	^								B & 2b	
17.3.5 Overpack damaged or leaking non-bulk and radioactive materials containers at a hazardous materials/WMD incident.	7	^								B & 2b	
17.3.6 Transfer liquids from leaking non-pressure containers at a hazardous materials/WMD incident.	7	^								B & 2b	
17.3.7 Perform mass decontamination for ambulatory and non-ambulatory victims at a hazardous materials/WMD incident	7	^								B & 2b	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
17.3.8 Establish and implement technical decontamination in support of entry operations and for ambulatory and non-ambulatory victims at a hazardous materials/WMD incident	7	^							B & 2b		
17.4. Evaluating and Reporting Progress											
17.4.1. Evaluate and report the progress of assigned tasks at a hazardous materials/WMD incident.	7	^							B & 2b		
18. Hazardous Materials Incident Commander											
TR: NFPA 1072, 2017 Edition, Chapter 8 and the current edition of the Emergency Response Guidebook											
18.1. General											
18.2. Analyze the Incident											
18.2.1. Analyze a hazardous materials/weapons of mass destruction (WMD) incident.	9	^									2c
18.3. Plan the Response											
18.3.1. Plan the response to a hazardous materials/WMD incident.	9	^									2c
18.4. Implement the Incident Action Plan (IAP)											
18.4.1. Implement the planned response in a hazardous materials/WMD incident.	9	^									2c
18.5. Evaluate Progress and Adjust IAP											
18.5.1. Evaluate the progress and adjust the IAP as needed at a hazardous materials/WMD incident.	9	^									2c
18.6. Termination											
18.6.1. Terminate response operations at a hazardous materials/WMD incident	9	^									2c
19. Fire Instructor II											
TR: NFPA 1041, 2012 Edition, Chapter 5, IFSTA Manuals, and applicable Commercial Publications											
19.1. General											
19.2. Program Management											
19.2.1. Schedule instructional sessions	9	^									2c

1. Tasks, Knowledge and Technical References	2. Core Tasks			3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
19.2.2. Formulate Budget Needs	9	^										2c
19.2.3. Acquire training resources	9	^										2c
19.2.4. Coordinate training record keeping	9	^										2c
19.2.5. Evaluate instructors	9	^										2c
19.3. Instructional Development												
19.3.1. Create a lesson plan	9	^										2c
19.3.2. Modify an existing lesson plan	9	^										2c
19.4. Instructional Delivery												
19.4.1. Conduct a class using lesson plan	9	^										2c
19.4.2. Supervise other instructors and students during training	9	^										2c
19.5. Evaluation and Testing												
19.5.1. Develop student evaluation instruments	9	^										2c
19.5.2. Develop a class evaluation instrument	9	^										2c
20. Fire Instructor III												
TR: NFPA 1041, 2012 Edition, Chapter 6, IFSTA Manuals, and applicable Commercial Publications												
20.1. General												
20.2. Program Management												
20.2.1. Administer a training record system											2c	
20.2.2. Develop recommendations for policies to support training program											2c	
20.2.3. Select instructional staff											2c	
20.2.4. Construct a performance-based instructor evaluation plan											2c	
20.2.5. Write equipment purchasing specifications											2c	
20.2.6. Present evaluation findings, conclusions, and recommendations to agency administrator											2c	
20.3. Instructional Development												
20.3.1. Conduct an agency needs analysis											2c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
20.3.2. Design programs or curricula										2c	
20.3.3. Modify an existing curriculum										2c	
20.3.4. Write course objectives										2c	
20.3.5. Construct a course content outline										2c	
20.4. Evaluation and Testing											
20.4.1. Develop a system for the acquisition, storage and dissemination of evaluation results										2c	
20.4.2. Develop course evaluation plan										2c	
20.4.3. Create a program evaluation plan										2c	
20.4.4. Analyze student evaluation instruments										2c	
20.5. Evaluation and Testing											
20.5.1. Develop a system for the acquisition, storage and dissemination of evaluation results										2c	
20.5.2. Develop a class evaluation instrument										2c	
21. Fire Inspector II											
TR: NFPA 1031, 2014 Edition, Chapter 5 , IFSTA Manuals, and applicable Commercial Publications											
21.1. General											
21.2. Administration											
21.2.1. Process a permit application	9	^									B
21.2.2. Process a plan review application	9	^									2b
21.2.3. Investigate complex complaints	9	^									2b
21.2.4. Recommend modifications to the adopted codes/standards of the jurisdiction	9	^									B, 2b
21.2.5. Recommend policies/procedures for the delivery of inspection services	9	^									B, 2b
21.3. Field Inspection											
21.3.1. Compute the maximum allowable occupant load of a multi-use building	9	^									B, 2b

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
21.3.2. Identify the occupancy classifications of a mixed-use building	9	^								B	B
21.3.3. Evaluate a building's area, height, occupancy classification, and construction type	9	^									B, 2b
21.3.4. Evaluate fire protection system and equipment provided for life safety and property protection	9	^									2b
21.3.5. Analyze the egress elements of a building or portion of a building	9	^									B, 2b
21.3.6. Evaluate hazardous conditions involving equipment, processes, and operations	9	^									B, 2b
21.3.7. Evaluate emergency planning and preparedness procedures	9	^									B, 2b
21.3.8. Verify code compliance for storage, handling, and use of flammable/combustible liquids/gases	9	^									B, 2b
21.3.9. Evaluate code compliance for the storage, handling, and use of hazardous materials	9	^									B, 2b
21.3.10. Determine fire growth potential in building or space	9	^									B, 2b
21.3.11. Verify compliance with construction documents	9	^									B, 2b
21.3.12. Verify code compliance of heating, ventilation, air conditioning, and other building service equipment and operations	9	^									B, 2b
21.4. Fire Protection Systems											
21.4.1. Portable Fire Extinguishers	9	^									B, 2b
21.4. Plans Review											
21.4.1. Classify the occupancy	9	^									B, 2b
21.4.2. Compute the maximum allowable occupant load	9	^									B, 2b

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*\/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
21.4.3. Review the proposed installation of fire protection systems	9	^									B, 2b
21.4.4. Review the installation of fire protections systems	9	^									B, 2b
21.4.5. Verify that means of egress elements are provided	9	^									B, 2b
21.4.6. Verify the construction type of a building or portion thereof	9	^									B, 2b
22. Fire Inspector III											
TR: NFPA 1031, 2014 Edition, Chapter 6 , IFSTA Manuals, and applicable Commercial Publications											
22.1. General											
22.2 Administration											
22.2.1. Generate written correspondence related to the issuance of appeals										B, 2b	
22.2.2. Facilitate code adoption/modification process										B, 2b	
22.2.3. Evaluate the impact of proposed codes, ordinances, and other legislation										B, 2b	
22.2.4. Develop policies/procedures for the administration of inspection functions										C, 3c	
22.2.5. Propose technical reference material acquisition										B, 2b	
22.2.6. Enforce permit regulations										C, 3c	
22.2.7. Initiate legal action related to a fire code violation										C, 3c	
22.2.8. Recommend a program budget										B, 2b	
22.2.9. Evaluate inspection reports/completed forms/checklists										B, 2b	
22.3. Field Inspection											
22.3.1. Assess alternative methods to adjust occupant loads										B, 2b	
22.3.2. Evaluate corrective measures										B, 2b	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment					A	B	C	D
			A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
22.3.3. Evaluate the construction type required for an addition or remodeling project										B, 2b	
22.3.4. Evaluate alternative protection measures of equipment, operations, and processes										B, 2b	
22.3.5. Evaluate fire protection plans/practices										C, 3c	
22.3.6. Recommend criteria of the development of emergency planning/procedures										C, 3c	
22.3.7. Evaluate compliance alternatives for the storage, handling, and use of hazardous materials										B, 2b	
22.3.8. Evaluate compliance alternatives for the storage handling, and use of flammable or combustible liquids/gases										B, 2b	
22.3.9. Witness an acceptance test for an integrated fire protection system										B, 2b	
22.3.10. Develop emergency access criteria										B, 2b	
22.3.11. Evaluate compliance with construction documents										B, 2b	
23. Fire Officer II											
TR: NFPA 1021, 2014 Edition, Chapter 5, IFSTA Manuals, and applicable Commercial Publications											
23.1. General											
23.1.1. General Knowledge: The organization of local government										B, 2c	
23.1.2. General Skills: Intergovernmental/interagency cooperation										B, 2c	
23.2. Human Resource Management											
23.2.1. Initiate cations to maximize member performance and/or to correct unacceptable performance										B, 2c	
23.2.2. Evaluate the job performance of assigned members										B, 2c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
23.2.3. Create a professional development pan for a member of the organization											B, 2c	
23.3. Community and Government Relations												
23.3.1. Explain the benefits to the organization of cooperating with allied organizations											B, 2c	
23.4. Administration												
23.4.1. Develop a policy or procedure											B, 2c	
23.4.2. Develop a project or divisional budget											B, 2c	
23.4.3. Describe the process of purchasing, including soliciting/awarding bids											B, 2c	
23.4.4. Prepare a news release											B, 2c	
23.4.5. Prepare a concise report for transmittal to a supervisor											B, 2c	
23.4.6. Develop a plan to accomplish change in the organization											B, 2c	
23.5. Inspection and Investigation												
23.5.1. Determine the point of origin/ preliminary cause of a fire											B, 2c	
23.6. Emergency Service Delivery												
23.6.1. Produce operational plans											B, 2c	
23.6.2. Develop/conduct a post-incident analysis											B, 2c	
23.6.3. Prepare a written report											B, 2c	
23.7. Health and Safety												
23.7.1. Analyze a member's accident, injury, or health exposure history											B, 2c	
24. Fire Officer III												
TR: NFPA 1021, 2014 Edition, Chapter 6, IFSTA Manuals, and applicable Commercial Publications												
24.1. General												
24.1.1. General Knowledge: Current national/international developments related to fire service organization											C, 2c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	A	B	C	D	E	A	B	C	D
		Deployment	Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
24.1.2. General Skills: The ability to research, to use evaluate methods, to analyze data, to communicate orally/in writing/to motivate members										C, 2c	
24.2. Human Resource Management											
24.2.1. Establish personnel assignments to maximize efficiency										C, 2c	
24.2.2. Develop procedures for hiring members										C, 2c	
24.2.3. Develop procedures/programs for promoting members										C, 2c	
24.2.4. Describe methods to facilitate/encourage members to participate in professional development										C, 2c	
24.2.5. Develop a proposal for improving an employee benefit										C, 2c	
24.2.6. Develop a plan for providing an employee accommodation										C, 2c	
24.2.7. Develop an ongoing education training program										C, 2c	
24.3. Community and Government Relations											
24.3.1. Develop a community risk reduction program										C, 2c	
24.4. Administration											
24.4.1. Develop a divisional or departmental budget										C, 2c	
24.4.2. Develop a budget management system										C, 2c	
24.4.3. Describe the agency's process for developing requests for proposal (RFPs), and soliciting/awarding bids										C, 2c	
24.4.4. Direct the development, maintenance/evaluation of a department record/management system										C, 2c	
24.4.5. Analyze/interpret records/data										C, 2c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
24.4.6. Develop a model plan for continuous organizational improvement											C, 2c	
24.5. Inspection and Investigation												
24.5.1. Evaluate the inspection program of the AHJ											C, 2c	
24.5.2. Develop a plan of an identified fire safety problem											C, 2c	
24.6. Emergency Service Delivery												
24.6.1. Prepare an action plan											B, 3c	
24.6.2. Develop/conduct a post-incident analysis											B, 3c	
24.6.3. Develop a plan for the agency											B, 3c	
24.7. Health and Safety												
24.7.1. Develop a measurable accident/injury prevention program											B, 2c	
24.8. Emergency Management												
24.8.1. Develop a plan for the integration of fire services resources in the community's emergency management plan											B, 3c	
25. Health and Safety Officer												
TR: NFPA 1521, 2015 Edition, Chapter 4, IFSTA Manuals, and applicable Commercial Publications												
25.1. General												
25.2. Risk Management												
25.2.1. Develop an organizational risk management plan that addresses the risks specified in Chapter 4 of NFPA 1500, Standard on Fire Department Occupational Safety and Health Program.											3C	
25.2.2. Manage an organizational risk management plan											3C	
25.2.3. Implement safety provisions of the organization's risk management plan into training and education programs											3C	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	A	B	C	D	E	A	B	C	D
		Deployment	Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
25.2.4. Develop an operational risk management plan										3c	
25.2.5. Develop a plan for the treatment and transport of an injured or ill member to a medical or health care facility										3c	
25.3. Laws, Codes, and Standards											
25.3.1. Establish SOP/Gs for an occupational health and safety program										3c	
25.3.2. Assess and report the adequacy and effectiveness of compliance with occupational health and safety SOP/Gs.										3c	
25.4. Training and Education											
25.4.1. Develop and distribute health and safety information for the education of fire department members.										3c	
25.4.2. Implement the training and education of fire department members on the organization's health and safety procedures and NFPA 1500, Standard on Fire Department Occupational Safety and Health Program.										3c	
25.4.3. Develop a safety procedure for live fire training exercises.										3c	
25.5. Accident Prevention											
25.5.1. Manage a fire department accident prevention program by utilizing engineering controls, administrative policies and procedures, education, protective clothing and protective equipment.										3c	
25.5.2. Implement training for safe work practices on emergency and nonemergency operations.										3c	
25.5.3. Develop an emergency vehicle safety program.										3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
25.5.4. Conduct a periodic safety audit.											3c	
25.6. Investigation, Procedures, and Review												
25.6.1. Conduct a safety and health investigation.											3c	
25.6.2. Develop a policy for reporting accident and injury investigations.											3c	
25.6.3. Establish procedures for a health and safety component of a post- incident analysis.											3c	
25.6.4. Coordinate the development of a corrective action plan.											3c	
25.7. Records Management and Data Analysis												
25.7.1. Manage the collection and analysis of data related to accidents, occupational deaths, injuries, illnesses, and exposures to infectious agents and communicable diseases.											3c	
25.7.2. Verify records are maintained regarding the periodic inspection and service testing of fire apparatus and equipment, inspection and service testing of protective clothing and protective equipment, and fire department facilities.											3c	
25.7.3. Maintain records of corrective actions taken to mitigate health and safety hazards or unsafe practices.											3c	
25.7.4. Develop a report on fire department accidents, occupational injuries, illnesses, deaths, and exposures.											3c	
25.8. Apparatus and Equipment												
25.8.1. Recommend safety-related specifications for fire apparatus and fire equipment.											3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
25.8.2. Recommend safety-related specifications for protective clothing and protective equipment.										3c	
25.8.3. Verify performance testing of fire apparatus and fire equipment is being conducted.										3c	
25.8.4. Verify the development of an annual evaluation plan for the organization's in-service fire and emergency vehicles.										3c	
25.8.5. Verify the development of an annual evaluation plan for the organization's in-service fire and emergency vehicles.										3c	
25.8.6. Verify the development, implementation, and maintenance of a protective clothing and protective equipment program that provides for the selection, care, maintenance, storage, and periodic inspection and evaluation of all protective clothing and equipment.										3c	
25.9. Facility Inspection											
25.9.1. Develop a health and safety facility inspection SOP/G, process, and checklist for a fire department facility.										3c	
25.9.2. Conduct a health and safety inspection for a fire department facility.										3c	
25.10. Health Maintenance											
25.10.1. Analyze the fire department health maintenance program.										3c	
25.10.2. Coordinate the fire department health maintenance program.										3c	
25.11. Liaison											
25.11.1. Communicate recommendations from the fire department occupational health and safety committee to the appropriate person(s).										3c	

1. Tasks, Knowledge and Technical References	2. Core Tasks			3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
25.11.2. Provide information and assistance to personnel for surveying their districts regarding potential health and safety hazards.											3c	
25.11.3. Develop recommendations for changes in equipment, procedures, and methods based on results of evaluations.											3c	
25.11.4. Verify medical advice and treatment are available to members of the fire department.											3c	
25.11.5. Provide information and assistance regarding risks that may impact operations.											3c	
25.12. Infection Control												
25.12.1. Assess the fire department's infection control program.											3c	
25.12.2. Function as the fire department infection control officer, if an infection control officer position does not exist in the fire department.											3c	
26. Incident Safety Officer												
TR: NFPA 1521, 2015 Edition, Chapter 5, IFSTA Manuals, and applicable Commercial Publications												
26.1. General												
26.2. General Requirements												
26.2.1. Perform the role of ISO within an incident command system (ICS) at an incident or planned event.											2c	
26.2.2. Monitor the IAP, conditions, activities, and operations.											2c	
26.2.3. Manage the transfer of ISO duties.											2c	
26.2.4. Stop, alter, or suspend operations based on imminent threats posed to fire fighter safety.											2c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
26.2.5. Monitor and determine the incident scene condition										2c	
26.2.6. Monitor the accountability system										2c	
26.2.7. Determine hazardous incident conditions and advise the IC to establish or modify control zones.										2c	
26.2.8. Identify motor vehicle incident scene hazards.										2c	
26.2.9. Monitor radio transmissions.										2c	
26.2.10. Identify the incident strategic requirements (e.g., fire, technical rescue, hazmat), the corresponding hazards, the size, complexity and anticipated duration of the incident, including the associated risks.										2c	
26.2.11. Determine the hazards associated with the designation of a landing zone and interface with helicopters.										2c	
26.2.12. Notify the IC of the need for intervention resulting from an occupational exposure to atypical stressful events.										2c	
26.2.13. Determine hazardous energy sources that can affect responder health and safety.										2c	
26.2.14. Monitor conditions, including weather, fire fighter activities, and work cycle durations.										2c	
26.3. Fire Suppression Operations											
26.3.1. Determine incident environmental and operational factors and confirm the establishment of rapid intervention crew (RIC) and evaluate the need to increase RIC capability.										2c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
26.3.3. Identify and estimate building/structural collapse hazards.											2c	
26.3.4. Determine flashover and hostile fire event potential at building fires.											2c	
26.3.5. Determine fire growth and blow up.											2c	
26.3.6. Determine the suitability of building entry and egress options at building fires.											2c	
26.4. Technical Rescue Operations												
26.4.1. Determine the need for a rescue technician--trained ISO or assistant ISO.											2c	
26.4.2. Prepare a safety plan that identifies corrective or preventive actions.											2c	
26.4.3. Deliver a safety briefing for technical rescue incident response members.											2c	
26.5. Hazardous Materials Operations												
26.5.1. Determine the need for a hazardous materials technician-trained ISO or assistant ISO.											2c	
26.5.2. Prepare a safety plan that identifies corrective or preventive actions.											2c	
26.5.3. Deliver a safety briefing for hazardous materials incident response members.											2c	
26.5.4. Identify that hazardous materials incident control zones have been established and communicated to personnel on the scene.											2c	
26.6. Accident Investigations and Review												
26.6.1. Conduct a safety and health investigative process.											2c	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
26.7. Post Incident Analysis (PIA)											
26.7.1. Prepare a written post-incident analysis (PIA) from the ISO perspective.										2c	
26.7.2. Report observations, concerns, and recommendations.										2c	
27. Rescue Technician											
TR: NFPA 1006, 2013 Edition, Chapter 5, IFSTA Manuals, and applicable Commercial Publications											
27.1. Technical Job Performance Requirements											
27.2. Site Operations											
27.2.1. Identify the needed support resources								B, 2b			
27.2.2. Size up a rescue incident								B, 2b			
27.2.3. Manage incident hazards								B, 2b			
27.2.4. Manage resources in a rescue incident								B, 2b			
27.2.5. Conduct a discipline-specific search								B, 2b			
27.2.6. Perform ground support operations for helicopter activities								B, 2b			
27.2.7. Terminate a technical rescue operation								B, 2b			
27.3. Victim Management											
27.3.1. Triage Victims								B, 2b			
27.3.2. Move a victim in a low-angle environment								B, 2b			
27.3.3. Access, assess, stabilize, package, and transfer victims								B, 2b			
27.4 Maintenance											
27.4.1. Inspect and maintain hazard-specific personal protective equipment								B, 2b			
27.4.2. Inspect and maintain rescue equipment								B, 2b			
27.5. Ropes/Rigging											
27.5.1. Tie knots, bends, and hitches								B, 2b			
27.5.2. Construct a single-point anchor system								B, 2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
27.5.3. Place edge protection									B, 2b			
27.5.4. Construct a simple rope mechanical advantage system									B, 2b			
27.5.5. Direct a team in the operation of a simple rope mechanical advantage system in a low angle raising operation									B, 2b			
27.5.6. Function as a litter tender in a low angle lowering or hauling operation									B, 2b			
27.5.7. Construct a lowering system									B, 2b			
27.5.8. Direct a lowering operation in a low-angle environment									B, 2b			
27.5.9. Construct a belay system									B, 2b			
27.5.10. Operate a belay system during a lowering or raising operation									B, 2b			
27.5.11. Belay a falling load in a high- angle environment									B, 2b			
27.5.12. Conduct a system safety check									B, 2b			
28. Rope Rescue												
28.1. Level I General Requirements												
28.1.1. Direct a team in the operation of a simple rope mechanical advantage system in a high angle raising operation									B, 2b			
28.1.2. Direct a lowering operation in a high-angle environment									B, 2b			
28.1.3. Construct a multiple-point anchor system									B, 2b			
28.1.4. Construct a compound rope mechanical advantage system									B, 2b			
28.1.5. Construct a fixed rope system									B, 2b			
28.1.6. Direct the operation of a compound rope mechanical advantage system in a high-angle environment									B, 2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI	Deployment	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
28.1.7. Ascend a fixed rope in a high- angle environment									B, 2b			
28.1.8. Descend a fixed rope in a high angle environment									B, 2b			
28.2. Level II General Requirements												
28.2.1. Complete an assignment while suspended from a rope rescue system in a high-angle environment									B, 2b			
28.2.2. Manage the movement of the victim as the rescuer in a high angle environment									B, 2b			
28.2.3. Function as a litter tender in a high angle lowering or hauling operation									B, 2b			
28.2.4. Direct a team in the removal of a victim suspended from rope or webbing in a high angle environment									B, 2b			
28.2.5. Direct a team in the construction of a system intended to move a suspended rescue load along a horizontal path to avoid an obstacle									B, 2b			
28.2.6. Direct a team in the operation of a rope system to move a suspended rescue load along a horizontal path									B, 2b			
28.2.7. Access a victim in a high-angle environment using techniques that require rescuers to climb up or down natural or man-made structures									B, 2b			
28.2.8. Isolate and manage potentially harmful energy sources found in erected structures, including power systems and construction materials									B, 2b			

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	*/SEI Deployment	A Tng Start	B Tng Com	C Trainee Initials	D Trainer Initials	E Certifiers Initials	A 3 Lvl	B 5 Lvl	C 7 Lvl	D 9 Lvl
29. Confined Space Rescue											
29.1 Level I General Requirements											
29.1.1. Conduct monitoring of the environment								B, 2b			
29.1.2. Prepare for entry into the confined space								B, 2b			
29.1.3. Enter a confined space								B, 2b			
29.1.4. Package the victim for removal from a confined space								B, 2b			
29.1.5. Remove all entrants from a confined space								B, 2b			
29.2. Level II General Requirements											
29.2.1. Preplan a confined space incident								B, 2b			
29.2.2. Assess the incident								B, 2b			
29.2.3. Control hazards								B, 2b			
30. Fire Officer IV											
TR: NFPA 1021, 2014 Edition, Chapter 6, IFSTA Manuals, and applicable Commercial Publications											
30.1. General											
30.2 Human Resource Management											
30.2.1. Appraise the department's human resource demographics	9	*									2c
30.2.2. Initiate the development program	9	*									2c
30.2.3. Establish/evaluate a list of education/in-service training goals	9	*									2c
30.2.4. Appraise a member-assistance program	9	*									2c
30.2.5. Evaluate an incentive program	9	*									2c
30.3. Community and Government Relations											
30.3.1. Attend, participate in/assume a leadership role in community functions	9	*									2c
30.4. Administration											
30.4.1. Develop a comprehensive long- range plan	9	*									2c
30.4.2. Evaluate/project training requirements, facilities, and building needs	9	*									2c

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	Deployment */SEI	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
30.4.3. Complete a written comprehensive risk, hazard, and value analysis of the community	9	*									2c
30.4.4. Develop a plan for a capital improvement project or program	9	*									
30.5. Emergency Service Delivery											
30.5.1. Develop a comprehensive disaster plan that integrates other agencies	9	*									2c
30.5.2. Develop a comprehensive plan so that the agency operates at a civil disturbance.	9	*									2c
30.6. Health and Safety											
30.6.1. Maintain, develop/provide leadership for a risk management program	9	*									2c
31. National Incident Management System (NIMS) 300/400											
31.1. Completed course requirements	9	*									2c
32. AFIT 570 (CE Superintendent Course)											
32.1. Completed course requirements											
33. AFIT 427 (F&ES Flight Superintendent Course)											
33.1 Completed course requirements											
34. Contingency Firefighting/Rescue Operations											
34.1. Perform TCCC (TQT)		*							2b		
34.2. Perform UXO reconnaissance (TQT)		*							2b		
34.3. Perform Command and Control (TQT)		*							2b		
34.4. Conduct operational decontamination (TQT)		*							2b		
34.5. Perform structural firefighting operations (TQT)		*							2b		
34.6. Perform aircraft firefighting operations (TQT)		*							2b		
34.7. Operate fire apparatus (TQT)		*							2b		
34.8. Perform aircraft shutdown/crew extraction (TQT)		*							2b		
34.9. Perform JFIRE CCA (TQT)		*							2b		

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification for OJT					4. Proficiency Codes Used To Indicate Training / Information Provided Via DL and/or Course			
	Core Cert^	Deployment */SEI	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Com	Trainee Initials	Trainer Initials	Certifiers Initials	3 Lvl	5 Lvl	7 Lvl	9 Lvl
34.10. Demonstrate CBRN protective actions during alarm conditions in allotted time (TQT)		*							2b		
34.11. Perform CBRN PPE immediate decontamination and inspection (TQT)		*							2b		

SECTION B - COURSE OBJECTIVE LIST (COL)

"This area is reserved."

SECTION C - SUPPORT MATERIAL

C1. Air Force Qualification Training Packages. For up-to-date information on courses and support material, refer to the latest edition of the DoD FESCP Procedural Guide located at https://portal.afcec.hedc.af.mil/CX/fes/dodfescp/SitePages/Home.aspx.

Specialized Training	Source
Liquid Propane Aircraft Fire Training Facility	TFVLC
MSA FireHawk M7 Responder SCBA	TFVLC
National Registry Emergency Medical Responder	TFVLC
Munitions Firefighting Course	TFVLC
Spacelift Firefighting Course	AFCEC-VLC
Intercontinental Ballistic Missile (ICBM) Firefighting Course	AFCEC-VLC

SECTION D – EDUCATION AND TRAINING COURSE INDEX

D1. Purpose. This section of the CFETP identifies training courses available for the Fire Protection specialty. Refer to Education and Training Course Announcements (ETCA) web site for information on the Air Force in-residence courses. The web site address is https://cs2.eis.af.mil/sites/app10-ETCA/SitePages/Home.aspx

D2. Air Force In-Residence Courses/Mobile Training Team (MTT) Courses.

Course Number	Title	Location	User
X3ABR3E731 0A1A	Fire Protection Apprentice Course	Goodfellow	DoD
X3AZR3E751 0R1B	Rescue Technician Course	Goodfellow	DoD
X7AZT3E751 0R1C	Rescue Technician (MTT)	On-site	DoD
X3AZR3E771 0I2B	Fire Inspector II Course	Goodfellow	DoD
X3AZR3E771 0I3B	Fire Inspector III Course	Goodfellow	DoD
X3AZR3E771 0F2B	Fire Officer II Course	Goodfellow	DoD
X7AZT3E771 0F2B	Fire Officer II (MTT)	On-site	DoD
X3AZR3E771 0F3B	Fire Officer III Course	Goodfellow	DoD
X7AZT3E771 0F3B	Fire Officer III (MTT)	On-site	DoD
X6AZW3E771 0F4A	Fire Officer IV Course	Goodfellow	DoD
X3AZR3E771 0H4B	Fire Instructor III Course	Goodfellow	DoD
X3AZR3E751 0H1B	HazMat Technician	Goodfellow	DoD
X7AZT3E751 0H2A	HazMat Technician (MTT)	On-site	DoD
X3AZR3EXXX 0NIA	ICS 300/400	Goodfellow	DoD
X3OZR32XX 0N2A	ICS 300/400 (Officers)	Goodfellow	DoD

D3. Air Force Career Development Academy (AFCDA).

Certification Courses	Course location	Course #
Firefighter I	TFVLC	10011N
Firefighter II	TFVLC	10012N
Fire Apparatus Driver Operator – Pumper	TFVLC	10023W
Fire Apparatus Driver Operator – Aerial	TFVLC	10024N

Certification Courses	Course location	Course #
Fire Apparatus Driver Operator – ARFF	TFVLC	10027W
Fire Apparatus Driver Operator – Mobile Water Supply	TFVLC	10028W
Airport Firefighter	TFVLC	10031N
Marine Firefighter	TFVLC	10051N
Confined Space Rescue I and II	TFVLC	10062W
Fire Officer I	TFVLC	10211W
Fire Officer II	TFVLC	10212W
Fire Officer III	TFVLC	10213N
Fire Officer IV	TFVLC	10214N
Fire Inspector I	TFVLC	10311W
Fire Inspector II	TFVLC	10312W
Fire Inspector III	TFVLC	10313N
Plans Examiner I	TFVLC	10317W
Fire and Life Safety Educator I	TFVLC	10351W
Fire and Life Safety Educator II	TFVLC	10352W
Fire Instructor I	TFVLC	10411W
Fire Instructor II	TFVLC	10412W
Fire Instructor III	TFVLC	10413N
Public Safety Telecommunicator I	TFVLC	10611W
Public Safety Telecommunicator II	TFVLC	10612W
Incident Safety Officer	TFVLC	15211W
Health and Safety Officer	TFVLC	15212W
HazMat Operations Core plus PPE	TFVLC	10722W
HazMat Ops Mass Decontamination	TFVLC	10722W
HazMat Ops Tech Decontamination	TFVLC	10722W
HazMat Ops Evidence Preservation	TFVLC	10722W
HazMat Ops Product Control	TFVLC	10722W
HazMat Ops Air Monitoring and Sampling	TFVLC	10722W
HazMat Ops Victim Rescue and Recovery	TFVLC	10722W
HazMat Ops Illicit Laboratory	TFVLC	10722W
HazMat Technician	TFVLC	10723W
HazMat Incident Commander	TFVLC	10724W

SECTION E – MAJCOM UNIQUE REQUIREMENTS

E1. Purpose. This section of the CFETP identifies MAJCOM unique training requirements available for the fire protection specialty. Refer to [Air Force Civil Engineer Center Virtual Learning Center (AFCEC-VLC)](#) for information on the courses.

E2. MAJCOM-Unique Training Courses.

Course Title	MAJCOM
Spacelift Firefighting Course	AFSPC
Intercontinental Ballistic Missile (ICBM) Firefighting Course	AFGSC

SECTION F - HOME STATION TRAINING

F1. Purpose. The purpose of this section is to identify the tasks, training references, and training sources available in support of contingency/wartime training. Civil Engineer forces will train to meet the full range of tasks expected in the contingency environment. Training ranges from knowledge-type training conducted in a classroom, to task-oriented hands-on training conducted in the field. These training requirements, frequencies, and sources are listed in AFI 10-210, *Prime Base Emergency Engineer Force (BEEF) Program.*

F2. Home Station Training (HST). HST is knowledge-based and hands-on training that is conducted at the individual's home station for contingency operations. The CE Commander ensures training is provided and documented and arranges for subject matter experts to conduct training as required.

F3. Combat Skills Training (CST). CST must be institutionalized as an integral part of any HST program. Lessons learned from the Global War on Terror have taught us the importance of maintaining a higher level of combat readiness. Although the inclusion of combat skills-focused training into HST does not fully prepare CE personnel to work in a high threat combat environment, the steps taken to enhance training will help elevate units to a readiness level capable of supporting safe and effective operations in low to medium risk combat environments.

F4. Mission Essential Equipment Training (MEETS). Wartime or contingency environments often involve the use of specialized and unique mission-essential equipment that civil engineers do not use in their day-to-day operations. Due to the cost and complexity, mission essential contingency equipment and trainer expertise are not commonly found at CONUS installations. Personnel must be hands-on certified and the certification documented in their CFETP. AFI 10- 210, Attachment 4, identifies minimum number of personnel to be trained, positions by specialty, frequencies and locations of training sites. Inadequate training on these key equipment items can negatively impact Air Force contingency operations.

F5. AF Expeditionary (ES) Training Requirement. AETC, as lead MAJCOM for AF ES training, revamped ancillary home-station and advanced (mission specific) expeditionary skills training plans to standardize and synchronize training across the force. The AF ES training is described as Tier 2 and Tier 3 training below:

F5.1. Tier 2: deployment-ready expeditionary skills training. ES for all Airmen delivered at the wing level in alignment with assigned AEF band. Completion of this training is a requirement to maintain mission-ready status to produce a deployment-ready Airman, up to and including a major combat operation. Tier 2 is designed to ensure every Airman maintains ES proficiency and sustains readiness currency for deployment. Tier 2 curriculum is centrally maintained, but executed at the local level to afford commanders maximum flexibility. Tier 2 is divided into two categories; 2A: ES proficiency training (mostly CBT), and 2B: home-station pre-deployment training.

F5.2. Tier 3: advanced ES training (mission specific). Enhanced ES for selected Airmen as determined by factors including deployment location, threat assessment, specific mission, duty assignment, role, operation, or special requirement. Tier 3 training provides mission specific ES for the individual Airman and/or team and includes courses designed in response to organic Air Force need or combatant commander-directed theater-specific requirements. Airmen will attend Tier 3 training such as Combat Skills Training (CST) when identified through the force generation process and directed in appropriate line remarks/reporting instructions.

F6. Training References.

F6.1. AFI 10-210, *Prime Base Engineer Emergency Force (BEEF) Program,* Chapter 4 and Table 2A.1 identifies the Prime BEEF recurring training requirements.

F6.2. Web-based Products. Web-based products are available on the AFCEC Virtual Learning Center (VLC) website at https://afcec.adls.af.mil. Personnel completing these courses can receive credit for HST. CBT products can be used in a classroom setting to train as many personnel as possible. Attendance must be documented on a sign-in roster. The sign-in roster must be maintained IAW AFI 10-210.