AFSC 1S0X1

SAFETY







CAREER FIELD EDUCATION AND TRAINING PLAN (CFETP)

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CAREER FIELD EDUCATION AND TRAINING PLAN SAFETY SPECIALTY AFSC 1S0X1

Table of Contents	
PART I	
PREFACE	1
ABBREVIATIONS/TERMS EXPLAINED	2
SECTION A- GENERAL INFORMATION	4
1. Purpose	
2. Uses	
3. Coordination and Approval	
SECTION B – CAREER PROGRESSION AND INFORMATION	6
4. Specialty Description	
5. Skill/Career Progression	
5.1. Apprentice Level (3)	
5.2. Journeyman Level (5)	
5.3. Craftsman Level (7)	
5.4. Superintendent Level (9)	
6. Training Decisions	
7. Community College of the Air Force	
8. Career Field Path	
SECTION C – SKILL LEVEL TRAINING REQUIREMENTS	15
9. Purpose	
10. Specialty Qualification Requirements	
10.1. Apprentice Level (3)	
10.2 Journeyman Level (5)	
10.3. Craftsman Level (7)	
10.4. Superintendent Level (9)	
SECTION D – RESOURCE CONSTRAINTS	18
SECTION E – TRANSITIONAL TRAINING GUIDE	18
PART II	
SECTION A – SPECIALTY TRAINING STANDARD	20
SECTION B – COURSE OBJECTIVE LIST	31
SECTION C – NOT USED	31
SECTION D – TRAINING COURSE INDEX.	31
SECTION E – MAJCOM FORMAL SCHOOLS	32

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SAFETY SPECIALTY AFSC 1S0X1 CAREER FIELD EDUCATION AND TRAINING PLAN

PART I

PREFACE

1. Career Field Education and Training Plan. This CFETP is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for this specialty. The CFETP will provide safety personnel a clear career path to success and will instill vigor in all aspects of career field training.

NOTE: Civilians occupying occupational safety (SEG) positions will use Part II to support duty position qualification training.

- 2. The CFETP consists of two parts; both are used by supervisors to plan, manage, and control training within the career field.
- 2.1. Part I provides information necessary for overall management of the specialty.

Section A explains the purpose of the CFETP and how everyone will use the plan;

<u>Section B</u> identifies career field progression information, duties and responsibilities, training strategies, and career field path;

<u>Section C</u> associates each skill level with specialty qualifications (knowledge, training, education, and experience);

<u>Section D</u> indicates resource constraints associated with formal and on-the-job training (OJT). Some examples are funds, manpower, equipment, and facilities.

<u>Section E</u> identifies transition training guide requirements for the ranks of SSgt through MSgt. **NOTE:** The Air Force Enlisted Classification Directory contains the job descriptions.

2.2. Part II includes the following:

<u>Section A</u> identifies the Specialty Training Standard (STS) and includes duties, tasks, technical references (TRs) to support training, Air Education and Training Command (AETC) conducted training, core tasks, and correspondence course requirements.

<u>Section B</u> contains the course objective list (COL) and training standards supervisors will use to determine if Airmen satisfied training requirements.

<u>Section C</u> identifies available support materials. An example is a Qualification Training Package (QTPs) which may be developed to support proficiency training. These packages are located in www.e-publishing.af.mil.

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

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

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate points in their career. This plan will enable us to train today's

work force for tomorrow's jobs. At the unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

30-Hour OSHA Outreach Training Program. Provides training for workers and employers on the recognition, avoidance, abatement, and prevention of safety and health hazards in workplaces in general industry.

Advanced Training (AT). 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.

Air Education and Training Command (AETC). Conducts basic training for all Air Force enlisted personnel, produces skilled flying and ground personnel, and trains many of the world's military forces. Along with basic military, technical, and flying training, AETC provides other types of training, such as aircrew transitional, special, advanced, lateral, and survival training.

Air Force Career Field Manager (AFCFM). The Air Force focal point for 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 Enlisted Classification Directory (AFECD). The official directory for all military enlisted classification descriptions, codes, and identifiers. Establishes the occupational structure of the Air Force enlisted force. The occupational structure is flexible to permit enlisted personnel to specialize and develop their skills and abilities while allowing the Air Force to meet changing mission requirements. Individual enlisted personnel have a joint responsibility with commanders and supervisors at all levels to fully develop their abilities consistent with Air Force needs and within the established patterns of specialization.

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

Career Field Education and Training Plan (CFETP). A comprehensive core training document that identifies life-cycle education and training requirements, training support resources, and minimum core task requirements for a specialty. The CFETP aims to give personnel a clear path and instill a sense of industry in career field training.

Career Development Course (CDC). These self-study courses help Airmen complete the specialty knowledge portion of the dual-channel concept for the enlisted training program. Airmen must complete career development courses successfully at various stages to advance in their careers. Career development courses are also available on a voluntary basis for career broadening.

Community College of the Air Force (CCAF). A federally-chartered degree-granting institution that serves the United States Air Force's enlisted total force. We partner with over 108 affiliated Air

Force schools, 82 Education Service Offices located worldwide, and more than 1,500 civilian academic institutions to serve approximately 300,000 active, guard, and reserve enlisted personnel, making CCAF the world's largest community college system. The college annually awards over 22,000 associate in applied science degrees from 68 degree programs.

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

Core Task. Tasks the Air Force Career Field Manager (AFCFM) identifies as the minimum qualification requirements for everyone within an AFSC, regardless of duty position. Core tasks may be specified for a particular skill level or in general across the AFSC. Guidance for using core tasks can be found in the applicable CFETP narrative.

Core Objective List (COL). A publication derived from initial/advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3- or 7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations.

Education and Training Course Announcement (ETCA). Contains specific MAJCOM procedures, fund cite instructions, reporting instructions, and listing for those formal courses conducted or managed by the MAJCOMs or Field operating agencies (FOAs). The ETCA contains courses conducted or administered by the AF and Reserve forces and serves as a reference for the AF, Department of Defense (DoD), other military services, government agencies, and security assistance programs. ETCA can be accessed through the Air Force Portal.

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, interactive video, or other necessary means to supplement training.

Go/No-Go. The "Go" is the stage at which a trainee has gained enough skill, knowledge, and experience to perform the tasks without supervision; meets the task standard. "No-Go" is the stage at which the trainee has not gained enough skill, knowledge, and experience to perform tasks without supervision; does not meet task standard.

Initial Skills Training. A formal school course that results in an AFSC 3-skill level award for enlisted personnel.

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

MAJCOM Functional Manager (MFM). A person appointed as the senior representative for an Air Force Specialty (AFS) within a specific MAJCOM. Among other responsibilities, the MFMs work with AFCFM to develop, implement, and maintain the CFETP.

Master Task Listing (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 Form 797, *Job*

Qualification Standard Continuation/Command JQS (as minimum). Should include tasks required for deployment and/or Unit Type Codes (UTC) requirements.

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

Occupational Analysis Report (OAR). Collecting and analyzing factual data on tasks and/or knowledge performed by Air Force career fields. This data is used to provide personnel and training decision-makers with factual and objective job information, which enables them to justify and/or change personnel utilization policies and programs, refine and maintain occupational structures, and establish, validate, and adjust testing and training programs.

On-the-Job Training (OJT). Hands-on, "over-the-shoulder" conducted to certify personnel in both upgrade (skill level award) and job qualification (position certification training). OJT is signed off to a go/no-go level of training.

Pre-Craftsman Safety Course (PCSC). Training required prior to 7-level school attendance.

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

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

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

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

Specialty Training. The total training process used to qualify airmen in their assigned specialty

Specialty Training Requirements Team (STRT). A team comprised of the AFCFM and MAJCOM functional managers and SMEs who meet prior to a Utilization and Training Workshop. The primary purpose of the STRT is for the AFCFM and functional leaders to determine and present training requirements to AETC and to the Technical Training Schoolhouse.

Specialty Training Standard (STS). An Air Force publication that describes an Air Force specialty in terms of tasks and knowledge that an airman in that specialty is expected to perform or to know on the job. Also identifies the training provided to achieve a 3-, 5-, or 7-skill level within an enlisted AFS. It further serves as a contract between Air Education and Training Command (AETC) and the functional user to show which of the overall training requirements for an Air Force Specialty Code (AFSC) will be taught in formal schools and which will be taught by Career Development Courses (CDC).

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

Subject Matter Expert (SME). An individual appointed by the AFCFM who provides accurate and up-to-date information to enhance decisions made by the AFCFM. SMEs are focal points for providing guidance, information, and support on Air Force Specialty Code (AFSC) specific issues. Additionally, SMEs advise MFMs and other agencies on resource and personnel utilization within the AFSC.

Training Business Area (TBA). A Net-Centric, GCSS-AF IF Web-Based application providing Air Force Warfighters with global, real-time visibility into the technical qualifications, certifications and training status of logistics, communications and information professionals Air Force wide. TBA supports base, wing and work center level training management activities by automating training management business processes. The primary users of TBA are any personnel directly involved in base level training management and certification activities. TBA is maintained by 754th electronic Systems Group, Installation and Logistics, Maintenance Flight (754 ELSG/ILM) at Maxwell-Gunter AFB.

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

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

Utilization & Training Workshop (U&TW). A forum of MAJCOM functional managers, an Air Force career field manager, Subject-Matter Experts (SMEs), and AETC training personnel who determine career field training requirements.

SECTION A - GENERAL INFORMATION

- 1. **Purpose.** This CFETP provides information necessary for Air Force Career Field Managers (AFCFMs), MAJCOM functional managers (MFMs), commanders, training managers, supervisors and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals must receive to develop and progress throughout their career. This plan identifies entry, initial skills, upgrade, qualification, advanced, and continuation training.
- 1.1. 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. Normally, this training is conducted by AETC at one of the technical training centers.
- 1.2. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, and 9-skill levels.
- 1.3. Qualification training is actual hands- on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job.
- 1.4. Advanced training is formal specialty training used for selected Airmen.
- 1.5. Continuation training provides additional training that exceeds minimum requirements with emphasis on present or future duty assignments.
- 1.6. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on- the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade.
- 1.7. The CFETP has several purposes; some are:
- 1.7.1. 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 points in an individual's career.
- 1.7.2. 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.
- 1.7.3. Lists training courses available in the specialty and identifies sources of training.
- 1.7.4. Identifies major resource constraints that impact full implementation of the desired career field-training program.
- 2. Uses. This plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.
- 2.1. AETC training personnel will develop/revise formal resident, non-resident, field and exportable training based on requirements established by users and documented in Part II of the

- CFETP. They will also work with AFCFM to develop procurement and acquisition strategies for obtaining resources needed to provide the identified training.
- 2.2. MFMs will support required training and ensure their training programs complement the CFETP mandatory entry, initial, upgrade, and proficiency requirements. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM-developed training to support this AFS must be identified for inclusion in this plan and must not duplicate existing training.
- 2.3. Each individual will complete the mandatory requirements specified in this plan and AFI 91-202 and 91-204. The lists of courses in Part II will be used as a reference to support training.
- 3. Coordination and Approval of the CFETP. The AFCFM is the approval authority. MAJCOM representatives and AETC training 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. Use the list of courses in Part II to eliminate duplicate training.

SECTION B – CAREER PROGRESSION AND INFORMATION

- 4. **Specialty Descriptions.** See paragraphs 1 and 2 of the Air Force Enlisted Classification Directory (AFECD) for the official specialty descriptions. The AFECD can be accessed by using the following instructions: Log in to the Air Force Portal, in the search bar at the top right of the page, enter "AFECD" and click the search button. When the results are displayed, click on the "AFECD-Air Force Enlisted Classification Directory" link and log into myPers.
- 4.1. **Specialty Summary.** Manages and conducts safety programs. Plans, organizes, directs, and controls safety activities. Analyzes mishap causes and trends, and assesses risk. Evaluates, inspects, and surveys areas and activities to eliminate mishap potential. Conducts mishap investigations. Provides risk management consultation. Conducts safety education. Related DoD Occupational Subgroup: 149300.
- 4.2. **Duties and Responsibilities:** Refer to the AFECD, page titled SAFETY, paragraph 2.
- 5. **Skill/Career Progression.** Quality training and timely progression from the apprentice to the superintendent skill level plays an extremely important role in the Air Force's ability to accomplish its mission. Everyone involved in training must do their part to plan, develop, and manage an effective training program. This part of the CFETP provides guidance to ensure individuals receive viable training at appropriate points in their career. The following narrative identifies an individual's career training path and requirements.
- 5.1. **Apprentice** (3) **Level.** Initial skills training in this specialty consist of tasks and knowledge provided in the 3-skill level resident Occupational Safety Apprentice course (L3ALR1S031) located at JBSA-Lackland. This is a 30-day course that provide students with the skills and knowledge to perform the duties as identified in the STS, Part II of this CFETP.
- 5.2. **Journeyman** (5) **Level.** Journeyman will attend ALS after 48 months in the Air Force, or sooner, if selected for promotion to Staff Sergeant. After Airman Leadership School (ALS), journeymen can perform duties as trainers and supervisors and be considered for appointment as unit trainers. To enhance their skills, they are highly encouraged to continue their education toward a Community

College of the Air Force (CCAF) degree and to take certification examinations (see Section D – Training Course Index, Section 5).

- 5.3. **Craftsman** (7) **Level.** A Safety craftsman can be expected to fill various supervisory and management positions such as Non-commissioned Officer-in-Charge (NCOIC). In addition, they may develop work and training schedules for subordinate personnel and ensure necessary manning levels are maintained at all times during hours of operation. The 7-levels should take the supervisor's course at the earliest opportunity. Members are highly encouraged to continue their education toward CCAF degree and have a CHST, OHST, SMS, ASP or CSP certification (See Table 7.1. for certification descriptions).
- 5.4. **Superintendent (9) Level.** A 9-skill level can be expected to fill positions such as Superintendent or various staff positions. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Completion of a CCAF degree is mandatory. Completion of additional degrees or certifications in safety is also encouraged.
- 6. **Training Decisions.** The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Safety career field. The CFETP includes a strategy for when, where, and how to meet these training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following training decisions were made at the career field Specialty Training Requirements Team (STRT) and Utilization and Training Workshop (U&TW) held at JBSA Lackland TX, 6-10 June 2016.
- 6.1. **Initial Skills Training:** The Safety 101 course was removed as a pre-requisite to 3- level training to allow for the award of the 30-Hour General Industry completion certificate (requiring inperson instruction) upon completion of the 3-level course. 30-hour General Industry OSHA cards will be provided to graduating 3-level students. This program will be the responsibility of the 344 TRS to maintain (cards, trainer/trainee rosters, and required instructor education as appropriate).
- 6.2. **Five-Skill Level Training:** Core tasks were modified to emphasize job survey and commander requirements. The CDC volumes were expanded from four to five volumes.
- 6.3. **Seven-Skill Level Training:** The Pre-Craftsman Safety Course (PCSC_L6ANW1S071 00AA, PDS Code 20V) was added as a knowledge gate for all 7-level course attendees. Course completion is mandatory prior to 7-level course attendance. STRT participants made this decision as many students were not properly prepared (through experience and knowledge) for the required material in the 7-level school curriculum. MINA was also added as a prerequisite for 7-level. As 7-levels should be competent safety managers, management lessons and materials were integrated into both the 7-level course and OJT.
- 6.4. **Nine-Skill Level Training:** Upgrade to 9-skill level consists of the following: (1) Must be a SMSgt, (2) Qualified in all 5- and 7-level core tasks and (3) complete Safety Manager Course (WCIP 05D).
- 6.5. **Chief Enlisted Manager (CEM 1S000) Training Requirements.** The individual will be awarded AFSC 1S000 when selected for Chief Master Sergeant.

6.6. **Proficiency/Continuation Training.** Proficiency training is critical to the development of the safety professional and the mission. The proficiency training program provides additional advanced training exceeding the minimum upgrade training requirements with the emphasis on present and future duty positions. **Fulltime safety professionals must complete at least three safety-related continuing education units (CEU) per year.** Refer to Part II, Section D, Training Course Index, of this CFETP for a listing of available supplementary training courses. **Professional development does not cease once upgrade has been completed.** Safety managers will ensure their OJT program complies with the requirements outlined in AFI 36-2201, On-the-Job Training Administration.

7. CCAF/Higher Education and Advanced Certification Opportunities.

- 7.1. **CCAF Academic Programs.** Enrollment in the CCAF occurs upon completion of Basic Military Training (BMT). CCAF provides the opportunity to obtain an Associate in Applied Sciences Degree.
- 7.1.1. **Degree Requirements.** Prior to completing an associate degree, the 5-level must be awarded and the following requirements must be met:

Subject	Semester Hours
Technical Education	24
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15
Program Elective	15
Total	64

- 7.1.2. **Technical Education (24 Semester Hours):** A minimum of 12 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective subjects/courses. Requests to substitute comparable courses or to exceed specified semester hour values in any subject or course must be approved in advance by Air University. Semester hours for skill level completion are applied as follows: 14 hours for 3-skill level, 8 hours for 5-skill level, and 4 hours for 7-skill level. The two remaining semester hours may be rolled over into program electives.
- 7.1.3. Leadership, Management, and Military Studies (6 Semester Hours): Professional military education and/or civilian management courses.
- 7.1.4. **Physical Education (4 Semester Hours):** This requirement is satisfied by completion of BMT.
- 7.1.5. **General Education (15 Semester Hours):** Applicable courses must meet the Criteria for Application of Courses to the General Education Requirement (GER) and be in agreement with the definitions of applicable General Education subjects/courses as provided in the *CCAF General Catalog*.
- 7.1.6. **Program Elective (15 Semester Hours):** Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. Six semester hours of CCAF degree applicable technical credit otherwise not applicable to this program may be applied.
- 7.2. See the CCAF General Catalog for details regarding the AAS degree program for this specialty.

- 7.3. **Professional Certifications.** Certifications assist the professional development of Airmen by broadening their knowledge and skills. Additionally, specific certifications may be awarded collegiate credit by CCAF and civilian colleges.
- 7.4. Air Force Credentialing Opportunities On-Line (AF COOL). AF COOL replaced the CCAF Credentialing and Education Research Tool (CERT). The AF COOL Program is managed by CCAF and provides a research tool designed to increase an Airman's awareness of national professional credentialing and funding opportunities available for all Air Force occupational specialties. AF COOL also provides information on specific occupational specialties, civilian occupational equivalencies, AFSC-related national professional credentials, credentialing agencies, and professional organizations. AF COOL contains a variety of information about credentialing and licensing and can be used to:

☐ Get background information about civilian licensure and certification in general and specific information on individual credentials including eligibility requirements and resources to prepare for an exam.
☐ Identify licenses and certifications relevant to an AFSC.
☐ Learn how to fill gaps between Air Force training and experience and civilian credentialing requirements.
\square Get information on funding opportunities to pay for credentialing exams and associated fees.
☐ Learn about resources available to Airmen that can help them gain civilian job credentials.
To learn more about AF COOL and funding processes, visit https://afvec.langley.af.mil/afvec/Public/COOL/Default.aspx

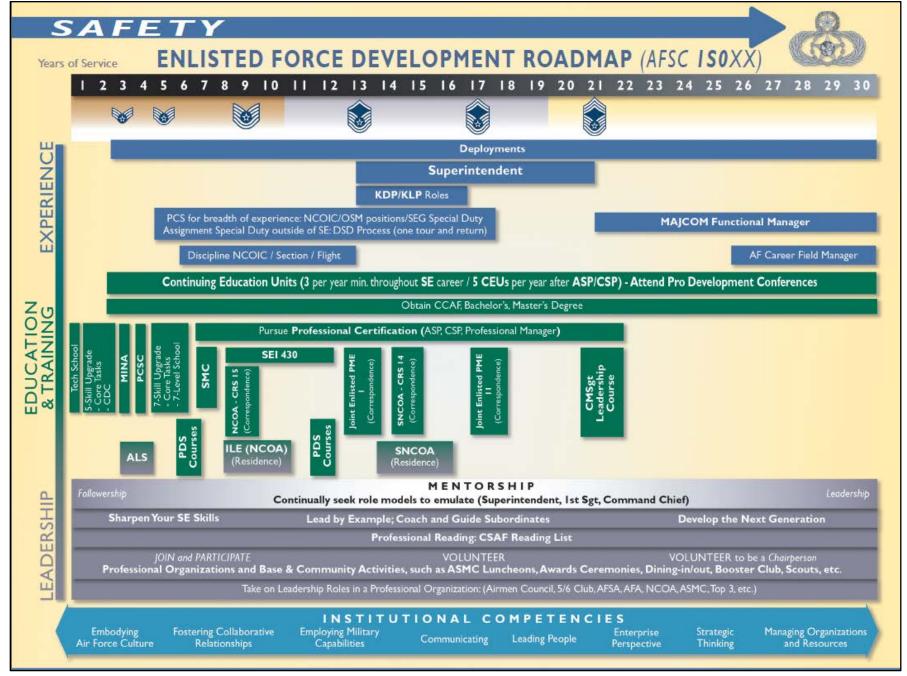
- 7.5. Air University Associate to Baccalaureate Cooperative Program (AU ABC Program). Directs Airmen with Associate in Applied Science Degrees from the CCAF to a collection of accredited military friendly colleges and universities to consider when completing a four-year degree. The program maximizes the application of military career education and training, and provides a multitude of online academic and support services for the enlisted member.
- 7.6. **Additional Off-Duty Education.** Off-Duty education is a personal choice that is encouraged for all. Individuals desiring to become an Air Education and Training Command Instructor should be actively pursuing an associate degree. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools.

8. Safety Career Path:

NOTE: For the latest USAF 1S0 Career Path Tool information go to: https://cs.eis.af.mil/sites/10178/cem/CFM/Forms/AllItems.aspx?RootFolder=%2fsites%2f10178%2fcem%2fCFM%2fCareer%20Planning&FolderCTID=0x012000C93F3607C9EA3344A1B7C93E00FEDC40

- **8.1. Enlisted Development Team.** The Enlisted Development Team (EDT) is the deliberate development steering group for the Safety Career Field. The EDT outlines the training, education, and experience requirements for the critical Safety management duty positions and provides recommendations for the best qualified SNCOs into these key leadership and key development positions across the Air Force. The EDT also identifies other developmental opportunities for the 1S0X1 SNCOs to facilitate their development. These recommendations or vectors are the EDT's collective recommendations for the experience level, training and/or education opportunity, or position type that a member should be considered and seek out professional growth. Vectoring will consist of recommendations for identified positions (i.e. development and leadership positions) within Safety for which a member should be considered in subsequent assignments, but will not identify a specific location of assignment.
- **8.2. Enlisted Career Path.** The following chart depicts a complete picture of education, training, and assignment positions through all 1S0XX skill levels. Information outlined in each of these figures represents an optimal "snapshot" of the Safety career field as of the publication date of this CFETP. The Air Force Enlisted Classification Directory, Airman Classification, contains a specialty summary, duties and responsibilities, and specialty qualifications for all AFSCs. Figure 1 contains the Enlisted Force Development Roadmap (1S0XX). Table Figure 8.1 identifies career milestones for the 1S0X1 Air Force specialty.





Career Development Plan

Phase	Skill	eer Path (Airman Promotion Reference AFI Desired Education & Self-Development	*Mandatory/Desired Training	Typical Assignment
rnase	Level	Desired Education & Sen-Development	*Manuatory/Desired Training	Typicai Assignment
CFM	00-level	Graduate Degree	Executive Seminars	HQ USAF
CEM	00-level	Graduate Degree	Executive Seminars	MAJCOM/FOA/DRU
Super-	9-level	Bachelor's Degree Appropriate PME Continued education in advanced studies	*Safety Managers Course Professional certification(s)	Assigned as manager at AFSEC, MAJCOM, or other headquarters, or large bases
Craftsman	7-level	Associate Degree Appropriate PME Continuing education in related studies	*Craftsman Safety (L3ACR1S071 0S2B) *Pre-Craftsman Safety Course *OJT and Qualification Training Specific technical safety in flight, occupational, or weapons safety disciplines OSHA Training Institute Courses	Assignment at all levels as manager or craftsman Full performance as a manager of a safety function (flight, occupational or weapons)
Journeyman	5-level	Continuation training Appropriate PME College courses/Associate Degree	*Career Development Course (CDC) 1S051 *OJT and Qualification Training *Mishap Investigation Non- Aviation Course (MINA) Discipline specific technical courses such as: OSHA Training	Assigned at installation-level safety offices Performs at the fully qualified Journeyman level Begin management training Lateral training in other functional disciplines
Apprentice	3-level	Continuation training (Some college courses)	*Apprentice Safety (L3ALR1S031 0S2B) *On-the-Job Training and job assignment to meet Specialty Training Standard skill levels	Installation-level

^{* =} Mandatory



Figure 2



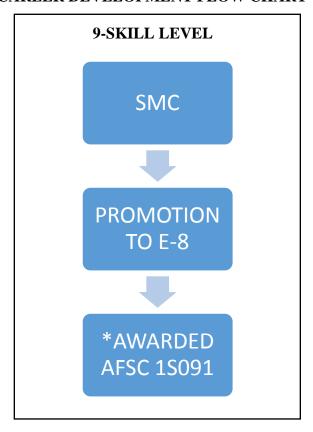
^{*}Requires completion of core tasks, CDCs, 12 months upgrade training (9 months for retrainees), all mandatory requirements listed in specialty description, AFECD and CFETP, and supervisor recommendation.

Figure 3



^{*}Requires completion of core tasks, MINA, 12 months upgrade training (6 months if 7-level previously held) Pre-Safety Craftsman Course, Craftsman Course (7-level) and supervisor recommendation.

Figure 4



^{*}Requires completion of SMC and supervisor recommendation.

Figure 5

SECTION C - SKILL-LEVEL TRAINING REQUIREMENTS

9. **Purpose.** Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Sections A, B, and D of this CFETP. Unit work centers must develop a structured training program to ensure all requirements are met.

10. Specialty Qualification requirements.

10.1. Apprentice Level Training (3-Skill Level):

10.1.1. **Specialty Qualification.**

- 10.1.1.1. **Knowledge.** Knowledge of the fundamentals of safety education, public speaking, mishap prevention, human factors, industrial hygiene principles, industrial safety criteria, risk management, blueprint interpretation, mishap investigation techniques, methods of obtaining and distributing safety education materials, explosives safety, and the application of data automation to the safety function is mandatory.
- 10.1.1.2. **Education.** For entry into this specialty completion of high school is mandatory. Completion of related courses is highly desirable.
- 10.1.1.3. **Training.** For award of AFSC 1S031, completion of the basic safety course (L3ALR1S031 0S2B) is required.
- 10.1.1.4. **Experience.** There is no experience necessary for entry into AFSC 1S031.
- 10.1.1.5. **Other.** See AFECD for entry requirements.
- 10.1.2. **Training Sources.** Basic safety course (L3ALR1S031 0S2B)
- 10.1.3. **Implementation.** Successful completion of formal technical training (listed above) results in the award of the 3-skill level.

10.2. Journeyman Level Training (5-Skill Level):

10.2.1. Specialty Qualification.

10.2.1.1. **Knowledge.** Knowledge of the fundamentals of safety education, public speaking, mishap prevention, human factors, industrial hygiene principles, industrial safety criteria, risk management, blueprint interpretation, mishap investigation techniques, methods of obtaining and distributing safety education materials, explosives safety, and the application of data automation to the safety function is mandatory.

- 10.2.1.2. **Education.** There is no additional education requirements beyond those defined for the apprentice level. However, progress toward a CCAF Associate degree is highly encouraged.
- 10.2.1.3. **Training.** Completion of the journeyman safety CDC 1S051 and completion of the core tasks specified in the STS is mandatory.
- 10.2.1.4. **Experience.** Qualification in and possession of AFSC 1S031 is required. Also, experience in functions such as investigations and inspections is required.
- 10.2.1.5. **Other.** See AFECD for entry, award, and retention requirements.
- 10.2.2. **Training Sources.** The 5-level CDC 1S051 provides the career knowledge required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDC is written to build from the trainee's current knowledge base and provides more in-depth knowledge to support OJT requirements.
- 10.2.3. **Implementation.** The units utilizing this STS, exportable courses, and CDCs perform training to the 5-level. Upgrade to the 5-level requires completion of CDC 1S0X1, completion of all 5-level core tasks as identified in the STS, and 12 months of upgrade training (9 months for all retrainees).
- 10.2.4. **Supervisor/Training Manager Input.** Utilize Figures 2-5 as applicable to facilitate upgrade actions.
- 10.3. Craftsman Level Training (7):
- 10.3.1. **Specialty Qualification.**
- 10.3.1.1. **Knowledge.** In addition to the 5-level qualifications, an individual must possess advanced skills and knowledge of theory, concepts and principles of safety management. The 7-level must be able to supervise and train personnel to manage safety programs. They must be able to plan, schedule, and organize a safety management system to ensure effective utilization of available resources.
- 10.3.1.2. **Education.** There is no additional educational requirements beyond those defined for the apprentice level. However, progress toward a CCAF Associate degree is highly encouraged.
- 10.3.1.3. **Training.** Completion of Mishap Investigation Non-Aviation (MINA_WCIP 059, PDS Code 19Q), Pre-Craftsman Safety Course (PCSC_L6ANW1S071 00AA, PDS Code 20V), and Safety Craftsman (L3ACR1S071 0S2B) is required. MINA is scheduled through the MAJCOM Safety Training office and PCSC and Safety Craftsman are both scheduled through instructions on ETCA.
- 10.3.1.4. **Experience.** Completion of all required 7-level core tasks as identified in the STS, and qualification in and possession of AFSC 1S051, as well as duty position requirements identified by the supervisor.
- 10.3.1.5. **Other.** See AFECD and Attachment 4 for entry, award, and retention requirements.

- 10.3.2. **Training Sources.** 7-level upgrade training will be completed and conducted by certified trainers using AF core tasks and unit/MAJCOM specific courses.
- 10.3.3. **Implementation.** Units utilizing the STS perform training to the 7-level. Upgrade to the 7-level requires completion of all core tasks as identified in the STS, MINA, PCSC, Safety Craftsman course, 12 months upgrade training (6 months for retrainees who previously held a 7-level), and promotion to Staff Sergeant.

10.4. Superintendent Level Training (9):

- 10.4.1. **Specialty Qualification.** This information is located in the official specialty description in AFECD, paragraph 3.
- 10.4.1.1. **Knowledge.** In addition to 7-level qualifications, an individual must possess advanced skills and knowledge of concepts and principles in the management of safety programs, risk management and investigations. The 9-level must be an effective leader with the ability to forecast, budget and manage funds.
- 10.4.1.2. **Education.** A CCAF associate's degree is mandatory.
- 10.4.1.3. **Training.** Completion of the Safety Manager Course (SMC_ WCIP 05D, PDS Code EPF) is required.
- 10.4.1.4. **Experience.** For the award of AFSC 1S091, qualification in and possession of AFSC 1S071 is mandatory.
- 10.4.1.5. **Other.** See AFECD and Attachment 4 for entry, award, and retention requirements.
- 10.4.2. **Training Sources.** Qualification training and experience inherent in career specialty job performance are desired sources of training.
- 10.4.3. **Implementation.** Upgrade to the 9-level requires completion of SMC and promotion to SMSgt.

SECTION D – RESOURCE CONTRAINTS

There are no resource constraints identified for training in this AFSC.

SECTION E - TRANSITIONAL TRAINING GUIDE.

There are currently no transition requirements. This area is reserved.

Part II

SECTION A – SPECIALTY TRAINING STANDARD

- 1. **Implementation.** These STS attachments will be used for technical training provided by Air Education and Training Command is with the 3-level Apprentice class beginning on or after 1 Oct 17 and the 7-level craftsman class beginning on or after 1 Nov 17.
- 2. **Purpose.** As prescribed in AFI 36-2201 and this STS:
- 2.1. Column 1 (Task, Knowledge, and Technical Reference) lists the most common tasks, knowledge, and technical references (TR) necessary for Airmen to perform duties in the 3-, 5-, and 7-skill level.
- 2.2. Column 2 (Core Tasks) identifies, by an asterisk (*), specialty-wide training requirements (core tasks) and by a double asterisk (**) specialty-wide knowledge (not core tasks, but should be higher priority amongst non-core tasks). Columns 2A and 2B identifies minimum core task training requirements for award of AFSCs 1S051 and 1S071 respectively. MAJCOM 1S0 functional managers have waiver authority for core tasks identified in this plan. The approved waiver will be maintained in the individual's training record.
- 2.3. Column 3 (Certification for OJT) records completion of tasks and knowledge training requirements.

MANDATORY: Use automated training management systems (i.e. Training Business Area (TBA)) to document technician qualifications to a go/no-go level. Certifier initials are <u>not</u> required.

- 2.4. Column 4 (Proficiency Codes) shows formal training and correspondence course requirements. Column 4 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 correspondence course. Columns 4A and 4C show the level to which task/knowledge training has been accomplished by the Training Center for 1S031 and 1S071 courses respectively, as described in the Education & Training Course Announcement (ETCA). Column 4B indicates the career knowledge provided in CDC 1S051. See CDC listing maintained by the unit training manager for current CDCs. Column 4D identifies exportable/ supplemental courses, as applicable, that will be used to enhance student knowledge during 5-level continuation training and prior to attending the formal 7-level course and is reserved. Certification is not required.
- 3. **Qualitative Requirements.** Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.
- 4. **Job Qualification Standard.** This STS becomes a job qualification standard (JQS) for on-the-job training when placed in AF Form 623, On-the-Job Training, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no-go

level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeless, and correctness. When used as a JQS, the following requirements apply:

- 4.1. **Documentation**. Document completion of training in accordance with AFI 36-2201. TBA will be used to document training. Identify duty position requirements in the automated training system. As a minimum, complete the equivalent of the following columns in Part II of the CFETP: Training Completed, Trainee Initials, and Trainer Initials. An AFJQS may be used in lieu of Part II of the CFETP only upon approval of the AFCFM. NOTE: The AFCFM may supplement these minimum documentation procedures as needed or deemed necessary for their Career Field.
- 4.1.1. **Transcribing from Existing to New CFETP.** All AFJQSs and previous CFETPs are replaced by this CFETP; therefore, transcribing of all training records to this CFETP STS is mandatory. Use this CFETP STS (or automated STS) to identify all past and current qualifications. Document all previous and current training IAW AFI 36-2201.
- 5. **Specialty Training Standard (STS)**. A guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS) and Enlisted Promotions Reference and Requirements Catalog (EPRRC). Specialty Knowledge Tests (SKTs) are developed at the AETC Airman Advancement Division, by senior NCOs with extensive practical experience in the career field. The tests sample knowledge of STS subject matters areas judged by test development team members as appropriate for promotion to higher grades. Questions are based upon study references listed in the EPRRC. Individual responsibilities are outlined in AFI 36-2605, *Air Force Military Personnel Testing System*.
- 6. **Recommendations.** Comments and recommendations are invited concerning the quality of AETC training. Reference the STS and address correspondence requiring changes to the 37 TRG/DOS, 1220 Truemper Street, Suite 1, JBSA Lackland TX 78236-5724, DSN 473-2917.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

ANDREW M. MUELLER Major General, USAF Chief of Safety

- 2 Attachments
- 1. Proficiency Code Key
- 2. Qualitative Requirements

NAME OF TRAINEE										
PRINTED NAME (LAST, FIRST, MIDDLE INITIAL)	INITIALS (WRITTEN)	SSAN (last four only)								
Printed Name Of Training Official And Written Initials										
N/I	N/I									
N/I	N/I									
N//	N1/1									
N/I	N/I									
N/I	N/I									
N/I	N/I									
N/I	N/I									
IV/I	IN/I									

QUALITATIVE REQUIREMENTS

		PROFICIENCY CODE KEY
	SCALE VALUE	DEFINITION: The individual
NC	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (EXTREMELY LIMITED)
TASK PERFORMANC E LEVELS	2	Can do most parts of the task. Needs help only on the 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)
7.16	а	Can name parts, tools, and simple facts about the task. (NOMENCLATURE)
*TASK OWLEDC LEVELS	b	Can determine step-by-step procedures for doing the task. (PROCEDURES)
*TASK KNOWLEDG E LEVELS	С	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)
r . ζħ	Α	Can identify basic facts and terms about the subject. (FACTS)
SUBJECT OWLED LEVELS	В	Can identify relationship of basic facts and state general principles about the subject. (PRINCIPLES)
**SUBJECT KNOWLEDG E LEVELS	С	Can analyze facts and principles and draw conclusions about the subject. (ANALYSIS)
K *	D	Can evaluate conditions and make proper decisions about the subject. (EVALUATION)

EXPLANATIONS:

- * A task knowledge scale value may be used alone or with task performance scale value to define a level of knowledge for a specific task. (Examples: b and 1b). In Column 2 of the STS, a single "*" also indicates a core task in Column 2.
- ** 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. In Column 2 of the STS, a double "**" also indicates a high-priority non-core task. These tasks should be prioritize in the training plan ahead of other subject knowledge tasks but are not required for skill-level upgrade.
- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC.
- X This mark is used alone in course columns to show that training is required but not given due to limitations in resources.
- # This mark is used to indicate automation may be used to aid in reaching the objective.

	2. Cor	e Task	3.	Certificat	tion of O	JT	4. Profi Codes U Indic Training ation Pr (See N		
1. Tasks, Knowledge And Technical References	A	В	A	В	С	D	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course
1 OCCUPATIONAL SAFETY MANAGEMENT (AFIs 36-2706, 36-2907, 36- 3401, 91-202, 91-203, 91-207, AFMAN 36- 2108, AFMS 106A)									
1.1 Resource Management									
1.1.1 Manpower Documents							A	A	В
1.1.2 Validate Manpower Documents		*					-	-	2b
1.1.3 Budget Process							A	A	В
1.1.4 Prepare Spend Plan		*					-	-	2b
1.1.5 Acquire Resources							-	-	c
1.1.6 Manage Resources							-	-	c
1.2 Support Agreements							A	В	-
1.3 Produce Support Agreement Safety Annex							-	-	2c
1.4 Manage Proactive On- & Off-Duty Safety Program							-	-	С
1.5 Manage Inspection Program		*					-	-	c
1.6 Manage Mishap Reporting & Recordkeeping		*					-	-	С
1.7 Manage Installation Master Hazard Abatement Program		*					-	-	С
1.8 Manage Safety Office Education Program							-	-	c
1.9 Manage Safety Professional Force Development		*					-	-	с
1.10 Manage Traffic Safety Program							-	-	С
1.11 Mishap Response Plan							-	A	-
1.12 Validate Mishap Response Plan							-	-	2b
1.13 Manage Occupational Safety and Health (OSHA) Visit Reception Plan		*					-	-	c
1.14 Manage Safety Awards Program							-	-	с
1.15 Manage Involvement in Base Sports Program							-	-	c
1.16 Manage Hazardous Energy Control Program		*					-	-	С
1.17 Manage Confined Space Program		*					-	-	с
1.18 Manage AEF Reporting Tool							-	-	С
1.19 Safety-Related Councils and Meetings	**						A	A	В

	2. Con	re Task	3.	3. Certification of OJT Training ation Pr (See N					
1. Tasks, Knowledge And Technical References	A	В	A	В	С	D	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course
2 HISTORY (https://www.osha.gov/osha40/video/video.html) (https://www.osha.gov/history/OSHA_HISTORY_33 60s.pdf) (AFSEC Multimedia Tab) (AFSEC History of AF Safety)									
2.1 Introduction to OSHA (OSHA)							A	-	-
2.2 History of AF Safety							-	A	-
3 ROLES AND RESPONSIBILITIES (AFI 91-202, AFMS 106AXX, and AFI 65-601)									
3.1 Installation Commander							A	-	-
3.2 Commanders Below Installation Level							A	-	-
3.3 Chief of Safety							A	В	-
3.4 Occupational Safety	**						A	В	В
3.5 Flight Safety	**						A	В	-
3.6 Weapons Safety	**						A	В	
3.7 Unit Safety Representative (USR)							A	В	-
3.8 Conduct USR training	*						-	-	-
3.9 Workcenter/Shop Supervisor							A	В	-
3.10 Conduct Supervisor Safety Training		*					-	-	-
3.11 Individuals							A	-	-
4 PUBLIC SPEAKING AND BRIEFINGS (AFI 91-202, AFI 36-2236)									
4.1 Speaker Fundamentals	**						A	-	-
4.2 Principles of Adult Learning							В	-	-
4.3 Methods of Presentations							A	-	-
4.4 Visual Aids for Presentations							A	-	-
4.5 Conduct Safety Presentation	*						2b	-	-
5 PUBLICATIONS	alada							ъ	
5.1 Air Force	**						A	В	-
5.2 Non-Air Force 5.3 Locate Information in Safety Reference	10.10	-					A 2b	В -	-
Material CAUD FORCE SAFETY MANAGEMENT							20		
6 AIR FORCE SAFETY MANAGEMENT SYSTEM (AFSMS) (AFI 91-202)									
6.1 Overview							A	-	
6.2 Pillars	**						A	В	-
6.3 Continuous Improvement			25				A	-	-

	2. Con	re Task	3.	Certificat	tion of O	4. Profi Codes U Indic Training ation Pr (See N			
1. Tasks, Knowledge And Technical					~		A	B 5	С
References	A	В	A	В	С	D	3 Skill Level	Skill Level	7 Skill Level
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course
6.4 Guidance & Applying Standards							A	-	-
6.5 Assemble AFSMS Report		*					-	-	2c
7 CONTRACT SAFETY (AFI 91-202, AFPAM 91-210, AFMAN 32-1084, & Unified Facilities Criteria)									
7.1 Contract Types							A	В	-
7.2 Statement of Work							A	В	-
7.3 Performance Work Statement							A	В	-
7.4 Contract Safety Review							A	В	-
7.5 Contract Performance Assessment							A	В	-
7.6 Safety Criteria in Facility Design, Drawings, Blueprints, & Specifications		**					A	-	В
7.7 Review Facility Design, Drawings, Blueprints, & Specifications		*					-	-	2c
8 SAFETY ASSURANCE (AFI 91-202, AFI 90-201, OSHA Field Operations Manual CPL 02-00-150)									
8.1 AF Inspection System							A	В	В
8.2 Inspections									
8.2.1 Annual Safety Inspections	**						В	В	-
8.2.2 Conduct Annual Safety Inspections	*						2b	-	-
8.2.3 Spot Inspections	**						В	-	-
8.2.4 Conduct Spot Inspections	*						-	-	-
8.2.5 High Interest Areas							A	-	-
8.2.6 Special Inspections							A	_	-
8.2.7 Department of Labor Inspections							A	В	-
8.2.8 Document OSHA Event in Air Force Safety Automated System (AFSAS)	*						a	-	-
8.2.9 Develop Inspection Checklists	*						2b	-	-
8.3 Safety Assessments	**						В	В	-
8.4 Conduct Safety Assessments	*							-	
8.5 Safety Program Evaluations	**						В	В	-
8.6 Conduct Safety Program Evaluations							-	-	-
8.7 Staff Assistance Visits							A	-	-

	2. Cor	re Task	3.	Certificat	ion of O	4. Profi Codes U Indic Training ation Pr (See N			
1. Tasks, Knowledge And Technical References	A	В	A	В	С	D	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course
8.8 Conduct Staff Assistance Visits							-	-	-
9 HAZARD IDENTIFICATION, REPORTING, & ABATEMENT (AFI 91-202 AND OSHA https://www.osha.gov/Publications/osha3071.ht ml)									
9.1 Hazard Identification/Reporting Process							A	В	В
9.2 Process AF Form 457	*						b	-	-
9.3 Prepare AF Form 3		*					b	-	-
9.4 Hazard Abatement									
9.4.1 Hierarchy of Hazard Controls	**						A	В	
9.4.2 Apply Hazard Controls		*					1a	-	2b
9.4.3 Job Hazard Analysis (JHA)							A	В	-
9.4.4 Complete a JHA	*						2b	-	-
9.4.5 Notification of Hazards							A	-	-
9.4.6 Complete AF Form 1118	*						b		
9.4.7 Installation Master Hazard Abatement Plan	**						A	В	В
9.4.8 Determine Risk Assessment Codes	*						2b	-	-
9.4.9 Abatement Priority Numbers							A	В	-
9.4.10 Determine Abatement Priority Numbers		*					-	-	2b
10 AIR FORCE TRAFFIC SAFETY PROGRAM (AFI 91-207)									
10.1 Program Description							A	В	-
10.2 Vehicle Requirements							A	В	-
10.3 Program and Individual Requirements 10.4 Traffic Safety Training							A A	B B	-
10.4 Trainic Safety Training 10.5 Conduct Introductory Traffic Safety							- A	_ D	-
10.6 Conduct Local Conditions	*						_	_	_
10.7 Conduct Driver Improvement and Rehabilitation Course							-	-	-
10.8 Conduct MSR Training	*						-	-	-
11 OCCUPATIONAL SAFETY AND HEALTH STANDARDS (AFI 91-203 & 29 CFR 1910/1926, AFI 36-2654, ETL 11-18, AFI 34-144, CSPC Public Playground Safety Handbook, and OSHA 3143 Informational Booklet of Industrial Hygiene)									
11.1 Housekeeping							A	В	-

	2. Cor	e Task	3.	Certificat	ion of O	Codes U Indic Training ation Pr	4. Proficiency Codes Used To Indicate Training/Inform ation Provided (See Note)		
							A	В	C
1. Tasks, Knowledge And Technical References	A	В	A	В	С	D	3 Skill Level	5 Skill Level	7 Skill Level
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course
11.2 Fire Safety (OSHA)								-	
11.2.1 Exit Routes (OSHA)							A	В	-
11.2.2 Emergency Action Plans (OSHA)							A	В	-
11.2.3 Fire Prevention Plans (OSHA)							A	В	-
11.2.4 Fire Protection (OSHA)	**						A	B B	-
11.3 Walking and Working Surfaces (OSHA)	**						A		-
11.4 Fixed Stairs and Ladders							A	В	-
11.5 Electrical Safety (OSHA)	**						A	В	-
11.6 Office Safety							A	В	
11.7 Ergonomics (OSHA)							A	В	-
11.8 Weather Safety							-	A	-
11.9 Hand Tools and Portable Power Tools									
11.9.1 Hazards							A	A	-
11.9.2 Requirements							A	Α	-
11.10 Fall Protection (OSHA)									
11.10.1 Hazardous/Dangerous Conditions	**						A	В	-
11.10.2 Specific Requirements	**						A	В	-
11.10.3 Types of Fall Protection	**						A	В	-
11.10.4 Fall Protection Equipment	**						A	В	-
11.10.5 Fall Rescue Plans	**						A	В	-
11.11 Personal Protective Equipment (OSHA)	**						A	A	-
11.12 Mobile Elevated Work Platforms/Scaffolding							A	В	-
11.13 Machinery							-	A	-
11.14 Emergency Shower & Eyewash Stations							A	В	-
11.15 Color Coding, Labeling, & Marking for Piping Systems							-	A	-
11.16 Hazardous Energy Control (OSHA)	**						A	В	-
11.17 Flammables & Combustibles							-	A	-
11.18 Confined Spaces									
11.18.1 Classification	**						A	В	-
11.18.2 Entry Into Non-Permit Confined Space	**						A	В	-
11.18.3 Entry Into Permit Confined Space (OSHA)	**						A	В	-
11.18.4 Immediately Dangerous to Life & Health	**						A	В	-

	2. Cor	e Task	3. Certification of OJT			JT	4. Proficiency Codes Used To Indicate Training/Inform ation Provided (See Note)		cm	
1. Tasks, Knowledge And Technical							A	В	C	
References	A	В	A	В	С	D	3 Skill Level	5 Skill Level	7 Skill Level	
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course	
11.18.5 Emergency Rescue	**						A	В	-	
11.18.6 Confined Space Program Responsibilities	**						A	В	-	
11.18.7 Contractor Requirements	**						A	В	-	
11.18.8 Confined Space Program Team Responsibilities	**						A	В	-	
11.19 Flightline Operations							A	В	-	
11.20 Aircraft Maintenance Hangars & Shops							-	A	-	
11.21 Civil Engineering Shops & Activities							-	A	-	
11.22 Excavation							A	В	-	
11.23 Petroleum, Oils, & Lubricants Areas & Facilities							-	A	-	
11.24 Welding, Cutting, & Brazing (OSHA)							A	В	-	
11.25 Interior Spray Finishing	1						A	В	-	
11.26 Communication Systems & Facilities							-	A	-	
11.27 Batteries - Maintenance, Handling, & Storage							-	A	-	
11.28 Motor Vehicles - Operations & Maintenance							-	A	-	
11.29 Materials Handling (OSHA)							A	В	-	
11.30 Powered Industrial Vehicle (OSHA)							A	В	-	
11.31 Process Safety Management							A	A	-	
11.32 Hazardous Materials (OSHA)							A	В	-	
11.33 Hazardous Communication (OSHA)	**						A	В	-	
11.34 Machine Guarding (OSHA)	**						A	В	-	
11.35 Combat Arms							A	В	-	
11.36 Child Development Center							-	A	-	
11.37 Recreational Facilities/Playgrounds							-	A	-	
11.38 Warehousing Facilities							-	A	-	
11.39 Introduction to Industrial Hygiene	**						A	В	-	

	2. Cor	re Task	3. Certification of OJT		JT	4. Proficiency Codes Used To Indicate Training/Inform ation Provided (See Note)			
1. Tasks, Knowledge And Technical References	A	В	A	В	C	D	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course
12 APPLICATION OF OCCUPATIONAL SAFETY & HEALTH STANDARDS (AFI 91- 203 & 29 CFR 1910/1926, AFI 36-2654, ETL 11-18, AFI 34-144, and OSHA 3143 Informational Booklet of Industrial Hygiene)									
12.1 Confined Spaces									
12.1.1 Evaluate Permit Required Confined Spaces		*					-	-	-
12.1.2 Evaluate Non-Permit Required Confined Spaces		*					-	-	-
12.1.3 Evaluate Non-Routine Permit Entries		*					-	-	-
12.1.4 Evaluate Confined Space Rescue Exercises							-	-	-
12.1.5 Evaluate Master Entry Plans		*					-	-	2b
12.1.6 Evaluate Unit Confined Space Programs		*					-	-	-
12.1.7 Lead Installation Confined Space Program Team		*					-	-	-
12.1.8 Confined Spaces Training (CBT) or OSHA 226	*						-	-	-
12.2 Fall Protection									
12.2.1 Conduct Fall Protection Assessments		*					-	-	2b
12.2.2 Evaluate Fall Protection Equipment		*					-	-	-
12.2.3 Evaluate Fall Protection Rescue Plans		*					-	-	-
12.3 Evaluate Written HAZCOM Programs	*						-	-	-
12.4 Apply Welding, Cutting, & Brazing Standards	*						-	-	-
12.5 Hazardous Energy Control									
12.5.1 Conduct Hazardous Energy Control Assessments		*					b	-	2b
12.5.2 Evaluate Hazardous Energy Control Equipment		*					-	-	-
12.5.3 Evaluate Hazardous Energy Control Written Procedures		*					-	-	-
12.6 Evaluate Personal Protective Equipment	*						-	-	-
12.7 Apply Electrical Safety Standards	*						-	-	-
12.8 Apply Powered Industrial Vehicle Standards	*						-	-	-
12.9 Apply Machine Guarding Standards	*						-	-	-
12.10 Aircraft Movement Operations									

	2. Core Task		3. Certification of OJT				4. Proficiency Codes Used To Indicate Training/Inform ation Provided (See Note)			
1. Tasks, Knowledge And Technical References	A	В	A	В	С	D	A 3 Skill	B 5 Skill	C 7 Skill	
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course	
12.10.1 Assess Towing Operations							-	-	-	
12.10.2 Assess Taxiing Operations							-	-	-	
12.10.3 Assess Marshalling Operations							_	_	_	
12.10.4 Assess Launch & Recovery Operations							_	_	_	
12.11 Assess Hot Pit Refueling Operations							_	_	_	
12.12 Assess Concurrent Servicing Operations								_		
							-		_	
12.13 Assess Vehicle Operations		-			-		-	-	_	
12.14 Airfield Support Operations										
12.14.1 Assess Aircraft Ground Handling							-	-	-	
12.14.2 Assess Aircraft Ground Servicing							-	-	-	
12.14.3 Assess Ground Engine Runs							-	-	-	
12.14.4 Assess Munitions Loading and Unloading							-	-	-	
12.15 Airfield Support Operations										
12.15.1 Assess Air Cargo Operations							-	-	-	
12.15.2 Assess Passenger Operations							-	-	-	
12.16 Assess Airfield Criteria/Layout							-	-	-	
13 SAFETY INVESTIGATIONS (AFI 91-204, AFMAN 91-224, AFSAS, & SAFETY UNIVERSITY MATERIALS, CFR 1904 and 1960)										
13.1 Mishap Definitions/Classifications	**						A	В	-	
13.2 Responsibilities							A	A	-	
13.3 Mishap Investigations	**									
13.3.1 Protect Privileged Information 13.3.2 Introduction to Mishap Investigations	**						В	- c	-	
13.3.3 Mishap Investigation Preparation		-			-		В	-	-	
13.3.4 Initial Actions							В	-	-	
13.3.5 Witness Interviewing	**						В	В	-	
13.3.6 Investigate Mishap	*						2b	-	_	
13.4 Human Factors		 			 		A	В	_	
13.5 Mishap Report							11			
13.5.1 Narrative	**	-			-		В	_	_	
13.5.2 Findings and Causes	**						В	В	_	
13.5.3 Recommendations/Corrective Actions	**						В	В	_	

	2. Coi	e Task	3. Certification of OJT			4. Proficiency Codes Used To Indicate Training/Inform ation Provided (See Note)			
1. Tasks, Knowledge And Technical References	A	В	A	В	C	D	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Training Start	Training Complete	Trainee Initials	Trainer Initials	(1) Course	(2) CDC	(1) Course
13.6 Root Cause Analysis	**						В	В	-
13.7 Determine Root Cause	*						2b	-	-
13.8 Introduction to AFSAS							В	-	-
13.9 Write Class A Mishap Reports							-	-	2b
13.10 Write Class C Mishap Reports	*						2b	-	1
13.11 Conduct Mishap Report Reviews		*					-	-	2b
13.12 Post-Report Activities							A	В	-
13.13 OSHA Reporting & Recordkeeping/Mishap Notification	**						A	A	-
13.14 Trend Analysis									
13.14.1 Trend Analysis Facts							-	A	ı
13.14.2 Prepare Trend Analysis	*						1a	-	1
13.14.3 Determine Recommendations from Trend Analysis		*					-	-	2b
13.15 Mishap Investigation Non-Aviation (MINA)		*					-	-	-
14 CONTINGENCY/DEPLOYMENT OPERATIONS (AFSEC SAFETY PROFESSIONALS' DEPLOYMENT GUIDE)									
14.1 Safety Professional Deployment Guide									
14.1.1 Continuity Plans							-	A	В
14.1.2 Special-Purpose & Off-Road Vehicles							-	A	В
14.1.3 Site Surveys							-	A	-

SECTION B -COURSE OBJECTIVE LIST (COL)

A detailed listing of AETC technical training course objectives may be obtained by written request to:

344 TRS/TRRP 1015 Femoyer St Building 10900 Lackland AFB, TX 78236

SECTION C - SUPPORT MATERIAL

The Safety OJT Toolbox may be accessed at the following link or by contacting the 1S0 career field manager.

OJT Toolbox Link: https://cs.eis.af.mil/sites/10178/cem/default.aspx

SECTION D - TRAINING COURSE INDEX

1. **Purpose.** This section of the CFETP identifies training courses available for the 1S0X1 specialty and shows how the courses are used by each MAJCOM (as applicable) in their career field training programs. For further information on the following courses, contact the OPR as indicated:

OPR: 344 TRS/TRRP

1015 Femoyer St Building 10900

Lackland AFB, TX 78236

DSN: 473-4731

Website: https://etca.randolph.af.mil

2. Air Force In-Residence Course.

Table 2.1. Enlisted Skill Courses								
COURSE NUMBER	TITLE	LOCATION	OPR	USER				
L3ALR1S031 0S2B	Safety Apprentice	JBSA Lackland TX	344 TRS	USAF				
L3ACR1S071 0S2B	Safety Craftsman	JBSA Lackland TX	344 TRS	USAF				
WCIP 05D, PDS Code	Safety Manager	Kirtland AFB, NM	AFSEC	USAF				
EPF	Course (SMC)							
L3AZR1S071 0S5A	Flight Safety NCO	JBSA Lackland TX	344 TRS	USAF				
L3AZR2W071 0C2A	Weapons Safety	JBSA Lackland TX	344 TRS	USAF				
	Management							
WCIP 059, PDS Code	Mishap Investigation	Kirtland AFB, NM	AFSEC	USAF				
I9Q	Non-Aviation (MINA)							

OPR: 344 TRS/TRRP

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DSN: 473-4731

Website: https://etca.randolph.af.mil

3. Extension Course Programs. Air Force Institute for Advanced Distributed Learning (AU/A4L)

Courses (website: http://www.au.af.mil/au/afiadl).

Table 3.1 CDC Courses				
COURSE NUMBER	TITLE	LOCATION	OPR	USER
CDC 1S051	Safety Journeyman	JBSA Lackland TX	344 TRS	USAF

OPR: 344 TRS/TRRP

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Lackland AFB, TX 78236

DSN: 473-4731

Website: https://etca.randolph.af.mil

4. Exportable Courses:

Table 4.1 Exportable Courses							
COURSE NUMBER	TITLE	LOCATION	OPR	USER			
L6ANW1S071 00AA,	Pre-Craftsman	JBSA Lackland TX	344 TRS	USAF			
PDS Code 20V	Safety Course						

OPR: 344 TRS/TRRP

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Lackland AFB, TX 78236

DSN: 473-4731

Website: https://etca.randolph.af.mil

5. Courses Under Development/Revision.

Table 5.1 Course Under Revision							
COURSE NUMBER	TITLE	LOCATION	POC	USER			
L3ALR1S031 0S2B	Safety Apprentice	JBSA Lackland TX	344 TRS	USAF			
L3ACR1S071 0S2B	Safety Craftsman	JBSA Lackland TX	344 TRS	USAF			
CDC 1S051	Safety Journeyman	JBSA Lackland TX	344 TRS	USAF			
L6ANW1S071 00AA, PDS Code 20V	Pre-Craftsman Safety Course	JBSA Lackland TX	344 TRS	USAF			

OPR: 344 TRS/TRRP

1015 Femoyer St Building 10900

Lackland AFB, TX 78236

DSN: 473-4731

6. Continuing Professional Development

Table 6.1. Continuing Professional Development						
COURSE TITLE/NUMBER	LOCATION	Suggested Source				
OSHA 2015: Hazard Materials	Various	OTI and Education Centers				
OSHA 2015: Hazardous Materials	Various	OTI and Education Centers				
OSHA 2045: Machine/Machinery Guarding	Various	OTI and Education Centers				
OSHA 2255: Principles of Ergonomics	Various	OTI and Education Centers				
OSHA 2264: Permit-Required Confined Space	Various	OTI and Education Centers				
OSHA 3015: Excavation, Trenching & Soil	Various	OTI and Education Centers				
OSHA 3095: Electrical Standards	Various	OTI and Education Centers				
OSHA 3115: Fall Protection	Various	OTI and Education Centers				
OSHA 500: Trainer Course Construction	Various	OTI and Education Centers				
OSHA 501: Trainer Course General Industry	Various	OTI and Education Centers				
OSHA 510: OSH Standards for Construction	Various	OTI and Education Centers				
OSHA 521: OSHA Guide to Industrial Hygiene	Various	OTI and Education Centers				
OSHA 6000: Course for Other Federal Agencies	Various	OTI and Education Centers				
OSHA 7005: Public Warehousing and Storage	Various	OTI and Education Centers				
OSHA 7115: Control of Hazardous Energy	Various	OTI and Education Centers				
OSHA 7505: Introduction to Accident Investigation	Various	OTI and Education Centers				
OSHA 7845: Recordkeeping Rule Seminar	Various	OTI and Education Centers				
Risk Management (Various)	Kirtland AFB	AFSEC				
NFPA Life Safety Code 101	Various	National Fire Protection Association				
Certified Playground Safety Inspector	Various	National Recreation & Park Association				
Deployment Safety	Download	Safety Deployment Guide (AF Portal)				
Ergonomics: Managing for Results	Various	National Safety Council				
Fundamentals of Industrial Hygiene	Various	National Safety Council				
Incident Investigation	Various	National Safety Council				
Job Safety Analysis (JSA)	Various	National Safety Council				
Principles of Occupational Safety and Health	Various	National Safety Council				
Safety Inspections	Various	National Safety Council				
Safety Management Techniques	Various	National Safety Council				
Safety Training Methods	Various	National Safety Council				
Advanced Safety Certificate	Various	National Safety Council				

7. Safety Certifications

Table 7.1. Safety Certifications		
CERTIFICATIONS	SOURCE	User
CSP: Certified Safety Professional	www.bcsp.org	USAF
ASP: Associate Safety Professional	www.bcsp.org	USAF
SMS: Safety Management Specialist	www.bcsp.org	USAF
CHST: Construction Health and Safety	www.bcsp.org	USAF
Technician		
OHST: Occupational Health and Safety	www.bcsp.org	USAF
Technologist		

SECTION E – MAJCOM Unique Requirements

MAJCOM	Course Title	Course Code	Location
ACC	Occupational Safety Program Management Course	3J5ACC1SOX1 000	Dyess AFB
AFRC	Occupational Safety Orientation Course (OSO)	TBD	Robins AFB
ANG	Comprehensive Occupational Safety Managers Orientation Seminar (COSMOS)	TBD	JB Andrews