

United States Army CBRN School




Version 1.0 (1 February 2024)

Course Management Plan for 4K-SIL3/494-ASIL3 Advanced CBRNE Enablers Course (ACEC)



Approved:


Assistant Commandant, USACBRNS

9 Apr 24
Date

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ATSN-CZ (351c1-600E)

1. Course Management Plan (CMP) Introduction.

a. This CMP is approved by the Assistant Commandant, USACBRNS and is designed for use by the Total Army School System (TASS) when providing training and evaluation programs for Advanced CBRNE Enabler Course (ACEC).

b. This CMP provides the course manager and cadre with information and guidance necessary to execute the 4K-SIL3/494-ASIL3 course. This CMP provides the students with information, guidance, responsibilities, and requirements to graduate from the course.

2. Course Scope.

a. Students will be able to perform as a CBRNE Response Team (CRT) member responsible for conducting CBRN site assessment, render-safe, detection, sampling, verification, site exploitation, packaging, escort (surety and non-surety), limited disablement, limited elimination, technical decontamination, Confined Space Awareness, Subterranean Operations Awareness, and limited consequence management at the end of this course in support of combatant commanders and lead federal agencies.

b. The purpose of this course is to provide enhanced tactical training in CBRNE assessment, disablement, elimination, escort, and site remediation/restoration in support of combatant commanders and lead federal agencies.

3. Course Prerequisites. Army Enlisted, Officer and Warrant Officer Active, Reserve and National Guard with a MOSC of 74D or 89D, 74A AOC, 740A AOC; Enlisted Active and Reserve Marines with a MOSC of 5711, 5702 and 2336; Coast Guard and DOD civilians whose mission is directly related to CBRN Site assessment, detection, sampling, and site exploitation of hazards associated with CBR materials. Personnel that do not meet course prerequisites will be denied enrollment/entry into this course. DOD civilians who meet the above prerequisites will require course manager authorization prior to course attendance. All students attending the Advanced CBRNE Enabler Course (ACEC) must meet the physical requirements of the course. Students must be physically able to wear Self-Contained Breathing Apparatus or SCBA (35 LBS) and or be able to lift up to 55 pounds while in SCBA for up to 10-15 minutes at a time. Enlisted grades (E1 - E5) must be Hazardous Material Operations certified and (E6 and above) must be Hazardous Material Technician certified and must bring certification certificates from the Department of Defense (DoD) Firefighter Certification System. Students must bring active physical profiles and TDY orders.

4. Course Foreign Disclosure Rating (FD). FD3: This training product has been reviewed by the developers in coordination with the USACBRNS, Foreign Disclosure

(FD) Representative and MSCoE foreign disclosure officer. This training product cannot be used to instruct international military students.

5. Course Comments and Suggestions. The USACBRNS commits to continually working to improve training quality. Please submit any comments and suggestions to the U.S. Army Chemical, Biological, Radiological, and Nuclear School:

Assistant Commandant
U.S. Army CBRN School
14030 MSCoE Loop, Suite 1041
ATTN: DOT&LD
Ft. Leonard Wood, MO 65473-8926

6. Training Schedule Development Guidance.

a. Definition of a Training Day: A training day is a period of time allocated to the completion of lesson plans outlined from 4K-SIL3/494-ASIL3 Program of Instruction (POI).

(1) The course is mandated by TRADOC as a "5 day" training week course. This designation means that training will occur five out of seven days a week (Monday through Friday). This is designated as a standard training day.

(2) The maximum instruction period may last longer than 8 hours. This does not include transportation to and from the training location or time for lunch.

(3) A "5 day" training day schedule would be Monday through Friday. All training schedules will be developed using the "5 day" training schedule. All compressed training schedule changes must be coordinated and approved IAW Chemical, Biological, Radiological and Nuclear School (CBRNS) Training & Education Enterprise Standard Operating Procedures (SOP) prior to execution.

(4) Standard training day start time is 0700.

(5) A 1-hour lunch period will be provided for each training day. The 1-hour lunch period includes movement time from the training location to the dining facility, eating, and movement from dining facility back to the training location. The 1-hour period is added to the overall length of the training day for the students.

b. In-processing and Out-processing are captured in lesson Program of Instruction File Number (PFN) 031-ACA01. These activities will be captured on the training schedules and conducted during the hours allotted for the training day. These events fall under the administrative time listed on the training schedules.

c. Course Training Sequence, Course Map, Schedule Example.

(1) The course map on the following pages shows the recommended sequence of training for the Advance CBRNE Enabler Course.

(2) The Department of Instruction (DOI) can, in exceptional cases (i.e., scheduling, and resourcing conflicts), approve a modified training sequence in order to allow the flexibility necessary for scheduling facilities and equipment.

(3) Every attempt will be made to train the course in the sequence listed. This sequence was developed to provide information in a reasonably logical order allowing the student to receive the needed knowledge or skill before moving on to tasks that require it. Even though some modification of the course is likely, all tasks must be taught. New equipment or procedures may be taught in place of older items; however, no part of the course may be eliminated.

(4) The course will use the following sequence. Module A - Administrative, Module B – Confined Space Awareness and Sub-T Awareness, Module C – Chemical Operations, Module D – Biological Operations, Module E – Radiological Operations, Module F – CBRNE Response Team (CRT) Operations, Module G - CBRNE Response Team STX and Module X – Tests, will follow each block.

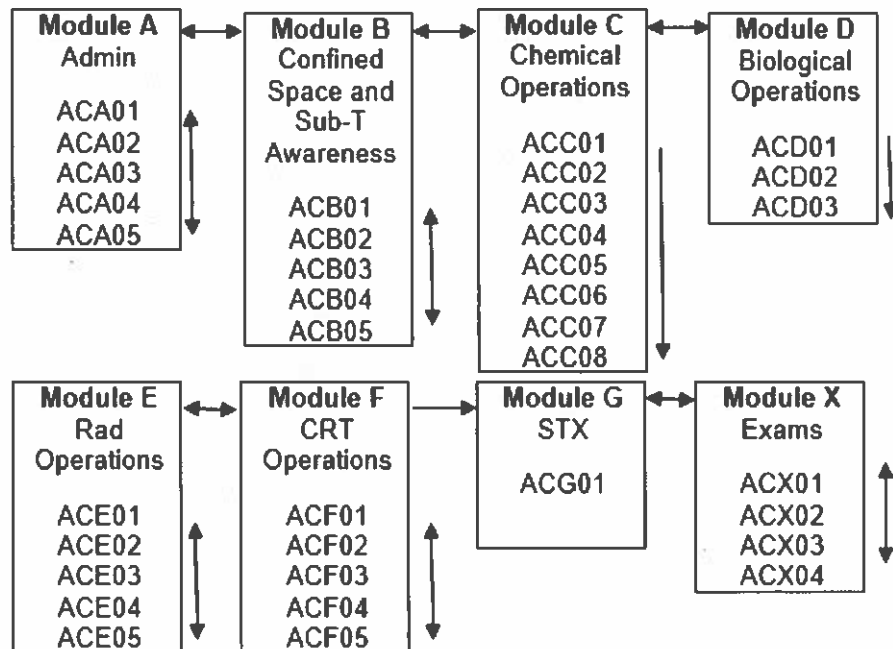
7. Course Structure.

a. The course is taught in either a classroom environment or field environment. Soldiers utilize hands-on training extensively to master requisite skills.

b. This course is structured in modules and lessons. A **module** is a group of related lessons and learning objectives that promote efficiency in the course structure. A **lesson** is a segment of instruction that facilitates the accomplishment of learning step activities and enabling learning objectives (ELOs) that lead to a specified learning objective. (See *TRADOC Pamphlet 350-70-14*).

NOTE: Lesson Plan (LP) verses Program of Instruction (POI). A lesson plan (LP) organizes what the instructor presents in the lesson and when and how the instructor presents it. A **POI** covers a course/phase. It is a requirements document that provides a general description of course content, duration of instruction, methods and techniques of instruction, and resources required to conduct training. It lists resources required to conduct peacetime and mobilization training. A Course Structure is a storyboard of how the student will move throughout the course from start to finish. Below is the course structure layout for this course.

8. Course Map.



8. Course Sequence

Schedule								
1	A	B	C	D	E	F	G	X
2	A	C	B	D	E	F	G	X
3	A	C	E	B	D	F	G	X
4	A	D	C	E	F	B	G	X
5	A	D	E	F	B	C	G	X
6	A	C	D	E	F	B	G	X
7	A	B	D	C	F	E	G	X

9. Lesson Titles.

Title	PFN
Administrative Requirements for the ACEC	031-ACA01
CBRNE Response Team (CRT) Introduction	031-ACA02
PPE Review Adeptness	031-ACA03
Operate the TIC Vapor Detector and MulitiRAE	031-ACA04
DR SKO Familiarization and Maintenance	031-ACA05
Knots, Bends, and Hitches	031-ACB01
Rope and Related Rescue Equipment	031-ACB02
Identify Anchoring and Rigging Techniques	031-ACB03
Subterranean Operations Awareness	031-ACB04
Confined Space Retrieval	031-ACB05
Basic Chemistry	031-ACC01
Chemical Laboratory Processes	031-ACC02
Identify Fourth Generation Agents (FGA's)	031-ACC03
Collect CBRN Samples	031-ACC04

Chem Detection Procedures (M8, M256 & JCAD)	031-ACC05
Operate TruDefender Fourier Transform (FT)	031-ACC06
Operate the First Defender RMX	031-ACC07
Recognize Homemade Explosives (HME's)	031-ACC08
Biological Processes	031-ACD01
Biological Weaponization and Dissemination	031-ACD02
Employ the Biological Sampling Kit	031-ACD03
Nuclear Disablement Team (NDT) Operations	031-ACE01
Nuclear Facility Hazards	031-ACE02
Nuclear Weapons Effects	031-ACE03
Operate The Radionuclide (identFINDER)	031-ACE04
Radiological Operations	031-ACE05
CBRNE Response Team (CRT) Operations	031-ACF01
CBRN Site Exploitation and Characterization	031-ACF02
Identify Chemical Munitions	031-ACF03
Leak, Seal Package Chemical Munitions	031-ACF04
Establish CRT Decon Stations	031-ACF05
CBRNE Response Team STX	031-ACG01
Confined Space Operations Test	031-ACX01
Chemical Test	031-ACX02
Biological Test	031-ACX02
Radiological Test	031-ACX03
CBRNE Response Team (CRT) Operations Test	031-ACX04

10. Training Schedule Example.

Advanced CBRNE Enabler Course

Day 1

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
06:00 - 07:00	Height/ Weight 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 201 Conference Room Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
08:00 - 07:00	Medical Screening 031-TEA01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 201 Conference Room Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
07:00 - 08:00	In Processing / Welcome Brief 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
09:00 - 10:00	In Processing/Blackboard INTRO 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
10:00 - 11:00	CBRNE Response Team (CRT) Introduction (FOUO) 031-TEA02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
11:00 - 12:00	In Processing / Equipment Issue 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	APFU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 14:00	Rope and Related Rescue Equipment 031-TEB02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
14:00 - 17:00	Rescue Knots 031-TEB01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

Day 2

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	Rescue Knots / Review 031-TEB01 / 4.0A NOTE: Review	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
08:00 - 09:30	SCBA PPT & DEMO 031-TEA03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	APFU
09:30 - 12:30	Personal Protective Equipment (PPE) Review/Confidence Test 031-TEA03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	APFU
12:30 - 13:30	Lunch NON-POI	SGL Instructor	ACU
13:30 - 17:00	Patient Packaging 031-TEB04 / 4.0A	SGL Instructor Bldg 2130, Rm 209 (TE Bay)	ACU

Day 3

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	Rescue Knots / Review 031-TEB01 / 4.0A NOTE: Review	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 09:00	Rope and Related Rescue Equipment 031-TEB02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:00 - 10:00	Anchoring and Rigging PPT 031-TEB03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
10:00 - 11:00	Victim Management 031-TEB04 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

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Time	Lesson Designator (POI File #/Title)	Resources	Uniform
11:00 - 11:30	Single Line Lowering System 031-TEB04 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
11:30 - 12:30	Lunch NON-POI	SGL Instructor	ACU
12:30 - 13:30	Mechanical Advantage 031-TEB04 / 4.0A NOTE: Mechanical Advantages (ppt)	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU
13:30 - 16:00	Mechanical Advantages 031-TEB03 / 4.0A NOTE: Mechanical Advantages Demo	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU

Day 4

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	Rescue Knots 031-TEB01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 09:30	Confined Space Operations / Patient Packaging 031-TEB05 / 4.0A NOTE: Patient Packaging (ppt)	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:30 - 10:30	Operate the MultiRAE Pro (TIC Vapor Detector and Gas Monitor) 031-TEA04 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
10:30 - 11:30	Lunch NON-POI	SGL Instructor	ACU
11:30 - 13:30	Confined Space Operations / PRCS 031-TEB05 / 4.0A NOTE: Permit Required Confined Space	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
13:30 - 16:00	Confined Space Operations 031-TEB05 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU

Day 5

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 11:00	Confined Space Operations / STX 031-TEB05 / 4.0A NOTE: Confined Space Above Ground Trainer	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 Z (Above Ground Trainer)	APFU
11:00 - 12:00	Lunch NON-POI	SGL Instructor	ACU
12:00 - 16:00	Confined Space Operations 031-TEB05 / 4.0A NOTE: Review / Hands on	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU

Day 6

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
08:00 - 11:00	Confined Space Operations Evaluation 031-TEB05 / 4.0A NOTE: Hands on Skills Test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
11:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 17:00	Confined Space Operations 031-TEB05 / 4.0A NOTE: Re-training	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU

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Day 7

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 08:00	Confined Space Operations RE-Test 031-TEB05 / 4.0A NOTE: Confined Space Hands on Re-test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU
08:00 - 09:00	Confined Space Operations Exam 031-TEX01 / 4.0A NOTE: Confined Space Operations BlackBoard Exam	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:00 - 10:00	AAR Confined Space Operations 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
10:00 - 12:00	Basic Chemistry 031-TEC01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 17:00	Basic Chemistry 031-TEC01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

Day 8

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 08:00	Confined Space Operations Re-test 031-TEX01 / 4.0A NOTE: Confined Space Operations BlackBoard Exam Re-test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 09:00	Basic Chemistry / Review 031-TEC01 / 4.0A NOTE: Homework Review	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:00 - 12:00	Chemical Laboratory Processes 031-TEC02 / 4.0A	SGL Instructor Bldg 2131 CHEM/BIO Lab	ACU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 15:30	Chemical Laboratory Processes 031-TEC02 / 4.0A	SGL Instructor Bldg 2131 CHEM/BIO Lab	ACU
15:30 - 17:00	Operate Colorimetric Tube Kits (FOUO) 031-TEC03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
15:30 - 17:00	Operate the Joint Chemical Agent Detector (JCAD) (FOUO) 031-TEC04 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
15:30 - 17:00	Operate the TruDefender (FOUO) 031-TEC05 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE)	ACU
17:00 - 18:00	Dinner NON-POI	SGL Instructor	ACU
18:00 - 21:30	Operate the First Defender RMX (FOUO) 031-TEC07 / 4.0A	SGL Instructor Bldg 2130, Rm 205B (TE)	ACU

Day 9

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 08:30	Chem Lab Review 031-TEC02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:30 - 09:30	Basic Chemistry / Review 031-TEC01 / 4.0A NOTE: Homework Review	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:30 - 12:00	Agent Synthesis 031-TEC02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 17:00	CBRN Sampling 031-TEC03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU

Day 10

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	Chem Homework Review 031-TEC02 / 4.0A NOTE: Homework Review	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 12:00	Chemical Laboratory Processes Evaluation 031-TEC02 / 4.0A NOTE: Lab Processes TEST	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2131 CHEM/BIO Lab	ACU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 17:00	Equipment / Sampling Exam 031-TEC07 / 4.0A NOTE: Equipment / Sampling Exam	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU

Day 11

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	Chemical Laboratory Processes RE-Test 031-TEC02 / 4.0A NOTE: Chemical Hands-on Skills Re-test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2131 CHEM/BIO Lab	ACU
08:00 - 09:00	Chemical Operations TEST (FOUO) 031-TEX02 / 4.0A NOTE: Chemical Operations BlackBoard Exam	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:00 - 10:00	AAR Chemical Operations 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
10:00 - 11:30	Biological Processes 031-TED01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2131 CHEM/BIO Lab	ACU
11:30 - 12:30	Lunch NON-POI	SGL Instructor	ACU
12:30 - 16:30	Biological Processes (FOUO) 031-TED01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2131 CHEM/BIO Lab	ACU

Day 12

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	Chemical Operations RE-Test (FOUO) 031-TEX02 / 4.0A NOTE: Chemical Operations BlackBoard Re-test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 09:30	Biological Weaponization and Dissemination (FOUO) 031-TED02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:30 - 11:30	Biological Principles of Detection 031-TED03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
11:30 - 12:30	Lunch NON-POI	SGL Instructor	ACU
12:30 - 14:00	Biological Processes REVIEW 031-TED01 / 4.0A	SGL Instructor Bldg 2131 CHEM/BIO Lab	ACU

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Time	Lesson Designator (POI File #/Title)	Resources	Uniform
14:00 - 17:00	Biological Processes Evaluation 031-TED03 / 4.0A NOTE: Biological Lab Processes TEST	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2131 CHEM/BIO Lab	ACU

Day 13

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
06:30 - 07:30	Biological Process RE-Test 031-TE03 / 4.0A NOTE: Bio Lab Processes Skills Re-Test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2131 CHEM/BIO Lab	ACU
07:30 - 08:30	Biological Operations TEST 031-TE02 / 4.0A NOTE: Biological Operations Blackboard Exam	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:30 - 09:30	AAR Biological Operations 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:30 - 10:30	Nuclear Weapons Effects (FOUO) 031-TE04 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
10:30 - 11:30	Respond to a Nuclear Facility Incident (FOUO) 031-TE03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
11:30 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 17:00	Operate Radiological Detection Equipment (FOUO) 031-TE05 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

Day 14

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
06:00 - 07:00	Biological Operations RE-Test (FOUO) 031-TE02 / 4.0A NOTE: Biological Operations Blackboard RE-TEST	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
07:00 - 08:00	Nuclear Disarmament Team (NDT) Operations (FOUO) 031-TE01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 09:00	Collect Refractory or Volatile Samples (FOUO) 031-TE02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:00 - 12:00	Radiological Monitoring and Survey (FOUO) 031-TE06 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 17:30	Radiological Equipment Evaluation (FOUO) 031-TE06 / 4.0A NOTE: Radiological Detection Equipment Evaluation	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

Day 15

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
06:30 - 08:00	Radiological Equipment RE-Test (FOUO) 031-TE06 / 4.0A NOTE: Radiological Detection Equipment Re-test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 09:00	Radiological Operations TEST (FOUO) 031-TE03 / 4.0A NOTE: Radiological Operations Blackboard Exam	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:00 - 10:00	AAR Radiological Operations 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
10:00 - 11:00	CBRNE Response Team (CRT) Operations (FOUO) / Mission Command 031-TEF02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
11:00 - 12:00	Homemade Explosives (FOUO) 031-TEC02 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 13:30	IED Recognition 031-TEF03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
13:30 - 14:30	CBRN Site Exploitation and Characterization (FOUO) 031-TEF03 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
14:30 - 16:30	Chemical Munitions (FOUO) / (H/O) 031-TEF04 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

Day 16

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	Radiological Operations RE-Test (FOR OFFICIAL USE ONLY) 031-TEX03 / 4.0A NOTE: Radiological Operations BlackBoard Re-Test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:00 - 10:00	Chemical Munitions (FOUO) Evaluation 031-TEF05 / 4.0A NOTE: Chemical Munitions Evaluation	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
10:00 - 12:00	Leak, Seal and Package Procedures (FOUO) 031-TEF05 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU
12:00 - 13:00	Lunch NON-POI	SGL Instructor	ACU
13:00 - 17:00	CBRNE Response Team (CRT) Decontamination and Transload Operations (FOUO) 031-TEF06 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU

Day 17

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:30 - 08:30	Chemical Munitions (FOUO) RE-Test 031-TEF05 / 4.0A NOTE: Chemical Munitions Evaluation RE-Test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
08:30 - 10:00	CRT Decontamination and Transload Operations (FOUO) 031-TEF06 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay)	ACU
10:00 - 11:00	New Equipment Brief (FOUO) / NTA Threat Brief (CLASSIFIED) 031-TEF01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
11:00 - 12:00	Lunch NON-POI	SGL Instructor	ACU
12:00 - 14:30	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A NOTE: Round Robin	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 M1 (One Story Bldg)	ACU
14:30 - 16:30	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 M1 (One Story Bldg)	ACU

Day 18

Time	Lesson Designator (POI File #/Title)	Resources	Uniform
07:00 - 08:00	CRT Operations TEST (FOUO) 031-TEX04 / 4.0A NOTE: CRT OPS BlackBoard Exam Test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
08:00 - 11:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A NOTE: STX Day 1	Ms. Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 T (Replacement Road) TA-79 V (Intersection)	APFU
11:00 - 12:00	Lunch NON-POI	SGL Instructor	APFU
12:00 - 16:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A NOTE: STX Day 1	Ms. Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 T (Replacement Road) TA-79 V (Intersection)	APFU

Day 19

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 08:00	CRT Operations RE-Test (FOUO) 031-TE04 / 4.0A NOTE: CRT Operations BlackBoard Exam Re-test	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
08:00 - 11:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 M3 (Three Story Bldg)	APFU
11:00 - 12:00	Lunch NON-POI	SGL Instructor	APFU
12:00 - 16:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 M3 (Three Story Bldg)	APFU

Day 20

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 11:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 C (Cave Complex) TA-79 M (Urban Tunnel Area)	APFU
11:00 - 12:00	Lunch NON-POI	SGL Instructor	APFU
12:00 - 16:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 C (Cave Complex) TA-79 M (Urban Tunnel Area)	APFU

Day 21

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 11:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 M2 (Two Story Bldg)	APFU
11:00 - 12:00	Lunch NON-POI	SGL Instructor	APFU
12:00 - 16:00	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 M2 (Two Story Bldg)	APFU

Day 22

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 11:30	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 C (Cave Complex) TA-79 M2 (Two Story Bldg)	APFU
11:30 - 12:30	Lunch NON-POI	SGL Instructor	APFU
12:30 - 14:30	CBRNE Response Team (CRT) Situational Training Exercise (STX) (FOUO) 031-TEG01 / 4.0A	Ms Corinna Anderson SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE) Bldg 2130, Rm 209 (TE Bay) TA-79 C (Cave Complex) TA-79 M3 (Three Story Bldg)	APFU
14:30 - 15:00	Clean Up / Reset Equipment 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	APFU
15:00 - 16:00	End Of Course Critique 031-TEA01 / 4.0A	SGL Instructor	APFU

Day 23

Time	Lesson Designator (POI File #)/Title	Resources	Uniform
07:00 - 09:30	Out Processing 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
09:30 - 10:30	Out Processing 031-TEA01 / 4.0A NOTE: End of Course AAR with DOI	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU
10:30 - 11:30	Out Processing 031-TEA01 / 4.0A	SGL Instructor	ACU
11:30 - 12:30	Graduation 031-TEA01 / 4.0A	SGL Instructor Bldg 2130, Rm 205A (TE) Bldg 2130, Rm 205B (TE)	ACU

11. Course Manager Qualifications.

- a. GS-11. Training Specialist (GS - 1712) or Instructional Systems Specialist (GS - 1750).
- b. Experience that demonstrated a practical knowledge of the methods and techniques of instruction.
- c. Teaching or instructing in an adult education program, secondary school, college, military installation, or industrial establishment in the appropriate field(s).
- d. Development or review of training/course materials, aids, devices, etc., and evaluation of training results.
- e. Work in the occupation or subject matter field of the position to be filled that required training or instructing others on a regular basis.

12. Course Manager Responsibilities.

- a. Ensure training is presented as designed in course documents.
- b. Ensure instructors receive support, materials, and equipment required to present the training.

c. Continuously evaluate course effectiveness and efficiency and provide appropriate feedback to the trainers and the Director of Training & Leader Development (DOT&LD), USACBRNS.

d. Ensure staff, faculty, and students comply with safety, risk management, environmental protection rules, regulations, laws, guidance, and course requirements.

e. Ensure facilities, material, equipment, and systems required for presenting instruction are properly maintained.

f. Ensure that the next Fiscal Year's class dates are scheduled and correctly input into Army Training Resource Requirements System (ATRRS).

g. Monitor course inputs frequently and relay class size projections to Cadre, DOI and leadership.

h. Serve as Point of Contact (POC) between the instructor staff and training developer for lesson plan revisions, test question changes, errors within the course documents, etc.

i. Ensure the Digital Training Management System (DTMS) reflects current approved Program of Instruction (POI). Provide access to authorized Instructors for the purpose of annotating student academics in DTMS.

j. Ensure welcome letter is updated and emailed to students 30 days prior to the start of the class.

k. Ensure all instructors adhere to the qualification and certification outlined in the USACBRNS Enterprise Standing Operating Procedures (SOP) and CMP.

l. Upon completion of each class gathers all supporting documents to develop and submit a formative evaluation.

13. Instructor Qualification/Certification Requirements.

a. All Instructors must be either Active Duty, Reserve Component, government employee or approved contract civilians.

b. All individuals assigned to Instructor duties must complete a TRADOC approved instructor-training program as part of the initial certification and been awarded the appropriate Instructor Skill Qualification Identifier (SQI). Instructor certification requirements are outlined in Army Regulation (AR) 614-200, TRADOC Regulation (TR) 350-6, TR 350-70 and the USACBRNS Enterprise SOP. They are as follows:

(1) Demonstrate competency and proficiency in the technical and tactical skills required by the POI or lesson outlines.

(2) Fulfill all proponent requirements as outlined in the Proponent Instructor Certification Policy.

(3) Must be in the grade of SSG (E-6) and above or as otherwise stated in the Proponent Instructor Certification Policy.

(4) Meet height and weight standards in accordance with AR 600-9 (military only).

(5) Pass the Army Combat Fitness Test (ACFT) in accordance with FM 7-22, Holistic Health and Fitness (military only).

(6) Be a graduate of the Advanced CBRNE Enabler/Technical Escort Course and have been awarded the Additional Skills Identifier (ASI) L3.

(7) Must meet all other required prerequisites (as applicable) per DA Pamphlet (PAM) 611-21 (Military Occupational Classification and Structure) and TRADOC Regulation (TR) 350-70.

(8) Instructors must demonstrate the instructor competencies located under Annex B, while performing their duties as Instructors. These competencies and outcomes are derived from the International Board of Standards for Training, Performance, and Instruction (IBSTPI).

c. Military personnel responsible for the course of instruction, must be a qualified 74D CBRN Specialist (74A if an officer) must have completed a TRADOC Instructor/Facilitator Course and have been awarded an Instructor Skill Qualification Identifier (SQI).

14. Instructor Responsibilities.

a. Cadre are directly in contact with the students and represent the command in the presentation of the instruction. They serve as role models for the students. They will be technically competent and professional in demeanor.

b. Thoroughly read and follow the Advanced CBRNE Enablers Course Management Plan (CMP), Individual Student Assessment Plan and the CBRNS Training & Education SOP.

c. Thoroughly study and be well versed in the Army's Learning Model, the Program of Instruction (POI), and Lesson Plans, before presenting lessons.

d. Inform students how they will be evaluated for blocks of instruction by informing students of Action, Condition, Standard, and Lesson Administrative Data before each lesson.

e. Teach every lesson as outlined in the course documents. Allowing students, the opportunity to practice what they have learned increases the successfulness of the training event. Ensure students are provided the opportunity to practice newly acquired skills or knowledge. Demonstrate the performance exercises, allow the students to practice, and then measure the students during the performance evaluation against the approved measurement standard.

f. Manage the training and maintain an environment conducive to learning where students are active participants and cultivate collaborative groups.

g. Supervise and guide the learning process using learner-centered methods when possible.

h. Create collaborative, context-based, and problem-solving events that engage learners to think and understand relevance of the material learned when possible.

i. Reduce or eliminate Instructor-led slide presentations and use a blended learning approach that incorporates virtual and constructive simulations, gaming technology, or other technology-delivered instruction when possible.

j. Provide immediate feedback on student performance.

k. Be alert to students having difficulty and intercede as appropriate.

l. Maintain a copy of the Individual Student Assessment Plan (ISAP) in the back of the classroom so that it is accessible for students to review at their leisure.

m. Ensure students comply with safety and environmental protection rules, risk assessments, regulations, laws, and course requirements.

n. Counsel and coach students.

o. Provide appropriate remedial training.

p. Ensure the visitor's book is present for the class. Ensure current training schedule is present.

q. Ensure all students are provided with serviceable equipment. Identify any non-functioning or unserviceable equipment to the NCOIC.

r. Continuously evaluate course effectiveness, lesson plans, and training aids for accuracy and effectiveness in alignment with POI and provide feedback to the course manager.

15. Student Responsibilities.

a. It is the student's responsibility to learn and perform the lesson objectives. This responsibility includes completing the home assignments, practical exercises, and participating in training activities.

b. Prepare for class by studying assigned materials. Complete homework assignments, practical exercises, and participate in training activities.

c. Meet or exceed all graduation requirements as outlined in the Individual Student Assessment Plan (ISAP).

d. Avoid conduct both on and off duty, which is immoral, illegal, unethical, or likely to bring discredit to the Army.

e. Maintain proper military bearing in dress and behavior.

f. Maintain total honesty and uphold the highest standards of integrity.

g. Provide constructive criticism concerning the efficiency and effectiveness of the course and training materials through After-Action Reviews (AAR) and using the student feedback form.

h. Comply with the guidelines in the ISAP, and any other pertinent directives.

i. Complete assigned reading and homework, as well as being prepared for classes, to include bringing necessary publications and supplies.

j. Maintain high standards of appearance, bearing, and professionalism.

ANNEX A

Student Guide

1. Introduction.

a. The Student Guide is contained in the following pages. This Student Guide is provided in a way that it should be given directly to the student.

b. Listed below are some administrative things you will need to know while attending the Advanced CBRNE Enablers Course. Any questions pertaining to this Student Guide can be address to the HAZMAT/Dismounted Reconnaissance (HDR) Course Manager, (573) 596-2505

(1) Welcome to the HAZMAT/Dismounted Reconnaissance Division, located at the 1st Lieutenant Terry CBRN Response Training Facility, Fort Leonard Wood, Missouri. You are about to take part in a fast-paced program of instruction that will qualify you to perform some of the essential duties needed as a member of a specialized Chemical, Biological, Radiological, and Nuclear (CBRN) team or unit. You will be provided instruction and will be expected to perform Advanced CBRNE Enabler duties involving field sampling operations, detection, identification, limited decontamination, mitigation/remediation, characterization, and Site Exploitation (SE) of hazards associated with chemical, biological and radiological materials. The course provides training on Confined Space and Sub-T awareness. The course concludes with a Situational Training Exercise (STX) that include five rigorous scenario-driven exercises in which students must demonstrate proficiency in all critical tasks learned throughout the course. Advanced CBRNE Enablers course is designed to provide instruction to Active Army, Reserve, National Guard, United States Marine Corp (USMC), United States Navy (USN), United States Air Force (USAF), United States Coast Guard (USCG), Department of the Army (DA) and Contract Civilians whose duties require close contact with surety or hazardous materials. All students, regardless of grade, are carried in a student status and should arrive physically fit and prepared to train.

(2) There are 5 knowledge and 11 performance evaluations incorporated into the course. Students must come prepared to learn. A score of 80% is required to successfully pass all the knowledge examinations. This course conducts all knowledge exams using the Blackboard Learning Management System, so units must ensure all student candidates can utilize their Common Access Card (CAC), as time will not be allowed to have their passwords reset upon arrival.

2. Course Prerequisites. Personnel will complete a medical screening during in processing. No individual will be allowed to enroll in the course if they are unable to meet the physical requirements as determined by onsite medical personnel. Students must be physically able to wear a Self-Contained Breathing Apparatus (SCBA) (35 LBS) for up to 45-60 minutes at a time and be able to lift up to 55 pounds while in SCBA. Enlisted grades (E1 - E5) must be Hazardous Material Operations certified and (E6 and above) must be Hazardous Material Technician certified and must bring certification

certificates from the Department of Defense (DoD) Fire and Emergency Services Certification Program. Meet Height and weight requirements outlined in AR 600-9 or service equivalent.

3. In-Processing.

a. Students will report at 0700 on the start date to the HDR Division, Building 2130, 15103 Elementis Avenue on Fort Leonard Wood in Army Physical Fitness Uniform (APFU) or service equivalent.

b. Students will go through the height and weight procedures. Students who scored a 540 or higher on the ACFT must bring a copy of their DA FM 705 (Army Combat Fitness Test Scorecard) along with the DA FM 5500 (Body Fat Content Worksheet (Male)) or 5501 (Body Fat Content Worksheet (Female)) signed by 1SG or Commander.

c. Students will bring a copy of Temporary Duty (TDY) orders (DD Form 1610) or PCS orders if TDY is enroute to the next duty assignment, Profile, and required hazmat certifications.

d. Students TDY enroute to their next duty station MUST have 2 leave forms (DA Form 31). First leave form: from duty station to the Advanced CBRNE Enablers Course. Second leave form: From Advanced CBRNE Enabler Course start date to report date to the gaining unit. This is in case the student should be released early from the course due to academic failure or other reasons. BOTH leave forms MUST have a control number (See AR 600-8-10).

e. Students will complete a medical screening during in processing. No individual will be allowed to enroll in the course if they are not able to meet the physical requirements of the course as determined by onsite medical personnel. Students must be physically able to wear Self-Contained Breathing Apparatus (SCBA) (35 LBS) for up to 45-60 minutes at a time and be able to lift up to 55 pounds while in SCBA.

4. Lodging & Meals.

a. Army students of all components attending this course are covered under the Institutional Training Directed Lodging and Meal Policy (ITDLMP), the link is below.
[https://www.finance.army.mil/BOLCBB/9Directed Lodging and Meal Policy 1 April 16.pdf](https://www.finance.army.mil/BOLCBB/9Directed%20Lodging%20and%20Meal%20Policy%201%20April%2016.pdf).

b. You may contact the Intercontinental Housing Group (IHG) Office prior to arrival to reserve on post lodging if available. The phone number is (573) 596-0999. The IHG Office is located in Candlewood Suites, Building 2020, 4990 Nebraska Avenue. When you arrive at Fort Leonard Wood, all students will report to Candlewood Suites in order to check into billeting. Do not obtain off post lodging. If post lodging is unavailable, the G3 Registrar will block rooms at government contracted hotels for the duration of your class. All off-post student room requirements will be handled by the G3 Registrar

Office. You must be enrolled in ATRRS before making reservations. The link can be found at <http://www.ihg.com/armyhotels/hotels/us/en/reservation>.

c. Government meals for students attending the Advanced CBRNE Enablers course will be provided seven days per week at post dining facilities this includes federal holidays. Students will use their CAC as a meal card in the Dining Facility.

5. Equipment and Uniform Requirements.

a. Military Personnel: Minimum of 2 sets of service-issued duty uniforms (to include t-shirt and socks). 1 pair of regulation boots. 2 sets of APFU's (or service equivalent), including white or black over-the ankle socks (unit t-shirts are not authorized). 1 pair of running shoes. Reflective vest or belt. Patrol cap and optical inserts.

b. Civilian Personnel: Business casual or comfortable and serviceable work clothes. 1 pair of work boots. 2 sets of physical training clothes, including shorts and t-shirts. 1 pair of running shoes. Optical inserts if needed.

6. Pregnancy. Pregnant students will not be cleared by medical staff to attend the course.

7. Leaves & Passes. Passes are available for weekends and holidays. Students may go on emergency leave, if verified by the American Red Cross. However, a Student Status Review (SSR) will be initiated for missed training time in accordance with the ISAP.

8. Military Vehicles. There may be an instance when students will attend the course as a group from a unit and use of a government vehicle is authorized. The student in charge of the vehicle will make sure that it is only used for official business pertaining to the students who are TDY.

9. Open Door Policy. As in any military unit, the door is always open to students with problems or concerns. Students will schedule an appointment through the senior instructor.

10. DA Form 1059 - Academic Evaluation Report (AER). Students will receive a DA Form 1059 for this course.

11. Student Elimination. Elimination from the course may occur for several reasons; the instructor will brief you on this in accordance with the ISAP. Some reasons for elimination are, test failures, unexcused absences from any training event, lack of motivation, Uniform Code of Military Justice (UCMJ) actions, absent from or late to any training events, and Sexual Harassment /Assault Response & Prevention (SHARP) and/or Equal Opportunity (EO) complaints on or off duty.

12. Appeals. All students will be given the opportunity to appeal their disenrollment IAW applicable regulations. Students will continue in the course during the appeal process unless they are disruptive to the training discipline.

13. Absences. All students will notify the instructor prior to departing the class area for any authorized absence during duty hours. Students absent longer than eight (8) academic hours will be considered for disenrollment. Any student who is late for any test (knowledge or performance) will be considered as a test failure.

14. Standard of Conduct. At the United States Army CBRN School, we demand students display proper military bearing and unprofessional conduct will not be tolerated.

15. Transportation. The use of rental cars and privately owned vehicles (POV's) to and from class is recommended. Limited shuttle services are available for travel on post. Commercial taxi and ride sharing is available on/off post.

16. Crime Prevention. Everyone has the responsibility to prevent or deter crime. If you become a victim of crime notify your instructor immediately. Always keep your items secured and vehicle locked at all times.

17. Off-Limits Areas. Cadre will inform you of any off-limit areas by posting them on the classroom bulletin board. In addition, all training brigade billets that house Initial Entry Soldiers are also off limits. This is in accordance with Fort Leonard Wood Command Policy #8. Fort Leonard Wood Command Policies can be found at the following link: <https://home.army.mil/wood/about/policies>.

18. Alcohol Policy. The legal drinking age is 21 years old both on and off post. If you are underage, you will not consume alcohol.

19. Use of Tobacco. Smoking and dipping are allowed in designated areas only. Smoking is prohibited in the vicinity of Initial Entry Training (IET)/Advanced Individual Training (AIT) Soldiers.

20. Weapons. No student is authorized to carry a weapon in class while attending the course.

21. Drinking & Driving. Do not drink and drive. If you are apprehended for Driving While Intoxicated (DWI)/Driving Under the Influence (DUI) by civilian authorities, you will be subject to Missouri law. It is a violation of Fort Leonard Wood regulations to operate a vehicle while carrying an open alcoholic beverage container. The federal magistrate will administer violations on post.

22. Foreign Disclosure. FD3. This training product has been reviewed by the developers in coordination with the USACBRNS, this training product cannot be used to instruct international military students.

23. Student Guide/Course Management Plan can also be found at the following link:
<https://home.army.mil/wood/index.php/units-tenants/USACBRNS/Courses/L3>.

Annex B
Instructor Competencies

Outcomes			
Competency	Basic Army Instructor is able to:	Senior Army Instructor is able to:	Master Army Instructor is able to:
1. Communicate Effectively	Apply a variety of appropriate written, oral, and body language, and active listening skills to communicate clearly. Acknowledge diverse perspectives and use language that is effective for the learning content and audience.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	
2. Update & improve one's professional knowledge & skills	Assess their own instructional performance and identify areas for improvement. Uses mentoring sessions and developmental activities to improve performance.	Develop a personal development plan that includes training, self - development, to increase knowledge of topics related to learning. Demonstrates an interest in becoming a learning professional and mentors Instructors.	Mentor Senior Instructors. Prepares and conducts training for Basic and Senior Army Instructors. Actively pursue expertise as learning professional and serves on Master Instructor Selection Board (MISB).
3. Comply with established ethical & legal standards	Exhibit Army values and professional standards. Avoids violating copyright law and real or perceived conflicts of interest. Respect student confidentiality, along with anonymity and rights.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	
4. Establish & maintain professional credibility	Model professional conduct by: maintaining subject matter expertise, demonstrating knowledge of adult learner traits and behaviors. Respects the opinions of students, peers and seniors, while seeking self-improvement.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	

Outcomes			
Competency	Basic Army Instructor is able to:	Senior Army Instructor is able to:	Master Army Instructor is able to:
5. Plan instructional methods & materials	N/A at this level.	Apply instructional design principles to modify/re-design instruction. Modifies and creates technology-based instructional resources.	Design new lessons using appropriate design principles, instructional strategies, delivery methods, and instructional technology. Reviews and approves lesson revisions by senior instructors.
6. Prepare for Instruction	Anticipates student needs and identifies potential questions. Prepares key points, examples, and additional information for students. Confirms availability and readiness of learning environment such as physical space, materials, and safety.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	
7. Stimulate & sustain learner motivation & engagement	Establishes relevance of instruction and provides clear goals and realistic expectations. Exhibits enthusiasm for learning content. Provides opportunities for learners to succeed and supportive feedback to reinforce value of training.	Diagnose motivation problems in individuals or teams and provides probable solutions.	Note: Master Instructors continue to assess and develop this competency; however, defining another level of this competency may not be necessary.
8. Demonstrate effective presentation skills	Focus presentation on key learning points and present content in a variety of ways. Recognizes and adapt presentations to learner needs. Uses familiar examples, anecdotes, stories, and analogies effectively.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	
9. Demonstrate effective facilitation skills	Elicit questions and contributions from the students. Promotes interaction with and between students. Stays focus on learning objectives, monitors, assesses and adapts instruction to classroom dynamics.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	

Outcomes			
Competency	Basic Army Instructor is able to:	Senior Army Instructor is able to:	Master Army Instructor is able to:
10. Demonstrate effective questioning skills	Prepare questions and questioning techniques to assess learning and stimulate discussion. Uses active listening to respond to student questions. Measure student learning. Provides supportive comments and ask appropriate follow-up questions.	Develop questions that promote deeper thinking. Uses redirect questions to promote learning and generate appropriate questions as learning occurs.	
11. Provide clarification & feedback	Provide students opportunities to ask questions that are specific, relevant, timely, fair, supportive, and balanced. Reinforce feedback that focuses on performance. Encourage students to give peer feedback.	Note: Senior and master instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	
12. Promote retention of knowledge & skills	Activates student prior knowledge or experiences and relate new content to what students already know. Provides opportunities to practice and apply new knowledge or skills. Provides activities for reflection and review.	Promote student development and use of self-learning skills.	Note: Master Instructors continue to assess and develop this competency; however, defining another level of this competency may not be necessary.
13. Promote transfer of knowledge & skills	Assist students to use new knowledge or skills, to solve realistic problems. Provides opportunities for student's discussion or reflection about how they can use new knowledge or skills when they return to work.	Helps students to practice the new knowledge or skill in more complex scenarios. Provides opportunity for learners to create, invent or explore new ways to use the knowledge and skill.	Note: Master Instructors continue to assess and develop this competency; however, defining another level of this competency may not be necessary.
14. Use media and technology to enhance learning and performance	Apply planned media and technology appropriately to enhance learning and performance. Troubleshoot or fix minor technical problems.	Adjust use of media and technology appropriately to enhance learning. Recommend ways to use technology to enhance lesson effectiveness.	Evaluate if emerging educational technology can be used to enhance lesson effectiveness.

Outcomes			
Competency	Basic Army Instructor is able to:	Senior Army Instructor is able to:	Master Army Instructor is able to:
15. Assess learning and performance	Communicates assessment criteria and instructions to students. Monitors student learning through informal and formal assessments. Administers and grades assessments.	Develop basic assessment items.	Develop complex assessment items and assessment instruments. Suggest changes to the Individual Student Assessment Plan (ISAP)
16. Evaluate instructional effectiveness	Makes recommendations to improve the learning (e.g., content, media changes). Administers and interpret student reaction surveys.	Uses assessment data to recommend assessment item or lesson changes. Assesses performance of instructors	Evaluate the impact on learning of all elements within the learning environment. Recommends changes to improve learning efficiency and effectiveness.
17. Manage an environment that fosters learning & performance	Supervise the instructional setting to facilitate learning and improve performance. Handle student's disciplinary issues.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	
18. Manage the instructional process through the appropriate use of technology	Apply technology effectively to complete administrative and instructional support requirements.	Note: Senior and Master Instructors continue to assess and develop this competency; however, defining higher levels of this competency may not be necessary.	
19. Counsel students	Conducts student performance and event counseling. Prepares and administers academic evaluations.	Review academic evaluations and recommend changes.	Develop Basic and Senior Instructors counseling skills.

Annex C
End of Course Questionnaire (EOCQ)



U.S. ARMY CBRN SCHOOL
FORT LEONARD WOOD, MISSOURI



Demographics

Class number Fiscal Year

Class number

Training Location

- ☐ Fort Leonard Wood
☐ Distributed Learning
☐ Mobile training Team (MTT)
☐ Other

Gender

- ☐ Male
☐ Female

Component

Overall Training Experience

Select level of agreement

	Strongly Agree	Agree	Disagree	Strongly Disagree	NA
Course/session objectives were presented at the beginning of class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course content was logically organized	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The level of instruction was appropriate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safety was stressed and practiced throughout the course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental considerations were stressed and practiced throughout the course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course was learner-centric or student focused	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My skills and knowledge increased as a result of this course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course provided me ample opportunity to demonstrate initiative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I was given opportunity to demonstrate leadership abilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I will be able to apply skills learned in this course in future operations or jobs

- ☐ Yes
☐ No

Instructors/Facilitators

Select level of agreement

	Strongly Agree	Agree	Disagree	Strongly Disagree	NA
Demonstrated a thorough grasp of the subject	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Were prepared for training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Served as mentors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
where appropriate for training, the instructors/facilitators incorporated team work and collaboration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
where appropriate for training, the instructors/facilitators incorporated learning activities that developed critical thinking and problem solving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructors/facilitators related training to the job operational environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor/facilitators professionalism set the proper example for bearing behavior and appearance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Course Presentation

Select level of agreement

	Strongly Agree	Agree	Disagree	Strongly Disagree	NA
Training was realistic and effective	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The lesson objective was clearly stated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course materials and references used for training were current	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course delivery method was appropriate for training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The appropriate amount of time was allocated for training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gaming and simulation incorporated into the course enhanced training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Online digital course materials were relevant, useful, and accessible and needed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Assessments (Exams, Test, Performance Evaluations):

Select level of agreement

	Strongly Agree	Agree	Disagree	Strongly Disagree	NA
The Individual Student Assessment Plan (ISAP) was provided or posted for student access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assessment procedures were clearly explained prior to all assessments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The process for challenging an assessment (reclaim procedure) was clearly explained	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assessment served as a good measurement of the training received	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post assessment exam, test, performance evaluation review or After Action Reviews (AARS) were conducted after each assessment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Training Equipment and Materials

Select level of agreement

	Strongly Agree	Agree	Disagree	Strongly Disagree	NA
Training facilities, ranges, and training areas were conducive to learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Classroom or training areas were appropriate for training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enough equipment, training aids and/or training material were on hand to conduct training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Equipment and training aids functioned properly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There was enough ammunition to complete the task/exercise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Training Support

The barracks/on post lodging lighting, HVAC, climate, internet access, and furnishings were adequate

	Strongly Agree	Agree	Disagree	Strongly Disagree	NA
The barracks/on post lodging lighting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HVAC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internet access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Furnishings were adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The library resources and operating hours met student needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The welcome letter and packing list was informative and provided detailed requirements of documents, clothing, and equipment required to attend the course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
group meeting facilities with internet access were available for small group work outside of class time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course included instruction on the use of research, information resources, and other Knowledge Management tools and opportunities to use these resources in the conduct of the course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What was the most valuable part of training and why?

What was the least valuable part of training and why?

Is there a subject/class that you would add to the curriculum?

Please provide other comments or suggestions to help improve future training classes

Training Survey

Annex D
Required References

<u>NUMBER</u>	<u>REFERENCE TITLES</u>	<u>DATE</u>
0-916339-11-4	Basic Radiation Protection Technology - 5th Edition	08/01/2010
29 CFR (1910.146)	Permit-Required Confined Spaces	12/01/1998
ATP 2-22.4	Technical Intelligence	10/29/2021
ATP 3-11.24 (FOUO)	Technical Chemical, Biological, Radiological, Nuclear, And Explosives Force Employment (FOUO)	05/06/2014
ATP 3-11.32	Multi-Service Tactics, Techniques, And Procedures for Chemical, Biological, Radiological, And Nuclear Passive Defense	05/13/2016
ATP 3-11.36	Multi-Service Tactics, Techniques, And Procedures for Chemical, Biological, Radiological, And Nuclear Planning	09/24/2018
ATP 3-11.37	Multi-Service Tactics, Techniques, And Procedures for Chemical, Biological, Radiological, And Nuclear Reconnaissance and Surveillance	03/31/2021
ATP 3-34.20	Countering Explosive Hazards	01/21/2016
ATP 3-34.5	Environmental Considerations	08/10/2015
ATP 3-90.15	Site Exploitation	07/28/2015
ATP 3-90.40	Multi-Service Tactics, Techniques, And Procedures for Combined Arms Countering Weapons of Mass Destruction	05/18/2023
ATP 4-02.7	Multi-Service Tactics, Techniques, And Procedures for Health Service Support in A Chemical, Biological, Radiological, And Nuclear Environment	03/15/2016
ATP 4-02.84	Multi-Service Tactics, Techniques, And Procedures for Treatment of Biological Warfare Agent Casualties	11/01/2019
ATP 4-32	Explosive Ordnance Disposal (EOD) Operations	05/12/2022
ATP 4-32.16	Multi-Service Tactics, Techniques, And Procedures for Explosive Ordnance Disposal	05/06/2015
ATP 4-32.2	Multi-Service Tactics, Techniques, And Procedures for Explosive Ordnance (EO)	03/12/2020
ATP 4-35.1	Ammunition And Explosives Handler Safety Techniques	11/08/2021
ATP-45	Warning And Reporting and Hazard Prediction Oof Chemical, Biological, Radiological and Nuclear Incidents (Operator's Manual); Edition F; Version 2	03/01/2020
CFR 29 (PART 1910.120)	Hazardous Waste Operations and Emergency Response	01/09/2019

CM2304	Planning Radiological And Chemical Surveys.	06/01/1998
DA FORM 1971-10-R	Nbc-4 Radiation Dose Rate Measurements/Chemical/Biological	01/10/1992
DTRA-AR 40H-4	WMD Facility, Equipment, And Munitions Identification Handbook	01/01/2003
ERG 2016	Emergency Response Guidebook	01/01/2020
FGA REF GUIDE	Fourth Generation Agents: Reference Guide	01/01/2019
FM 3-11	Chemical, Biological, Radiological, And Nuclear Operations	05/23/2019
FM 3-11.9	Potential Military Chemical/Biological Agents and Compounds	01/10/2005
ISBN 0-471-38735-5	Hawley Condensed Chemical Dictionary	09/10/2001
ISBN 0911910-13-1	The Merck Index an Encyclopedia of Chemicals, Drugs, And Biologicals	10/01/2001
JP 3-11	Operations In Chemical, Biological, Radiological, And Nuclear Environments (Validated 28 Oct 2020)	10/28/2020
JP 3-41	Chemical, Biological, Radiological, And Nuclear Response	09/09/2016
JPEO-CBD FACT SHEET	Recombinant Plague Vaccine Rf1v	01/04/2018
JPEO-CBD-FACT SHEET	Anthrax Vaccine Ava	01/04/2018
JPEO-CBD-FACT SHEET	Recombinant Botulinum Toxin A/B Vaccine RBV A/B	03/06/2016
NFPA 1006	Standard For Technical Rescue Personnel Professional Qualifications	08/31/2021
NFPA 1983	Standard On Life Safety Rope and Equipment for Emergency Services (2006 Edition)	03/19/2019
NFPA 472/473 HB	Hazardous Materials/Weapons of Mass Destruction Response Handbook, 7th Edition	01/01/2018
NIOSH 2010-168	NIOSH Pocket Guide to Chemical Hazards, Sep 2010	09/01/2010
PAM 50-7	Personnel Risk and Casualty Criteria for Nuclear Weapons Effects	10/01/2013
PAM 700-48	Handling Procedures for Equipment Contaminated with Depleted Uranium or Radioactive Commodities	09/27/2002
STP 3-CIED-SM-TG	Soldier's Manual and Trainer's Guide for Counter Improvised Explosive Device	12/09/2011
TC 9-21-01	Soldiers Improvised Explosive Device (IED) Awareness Guide	05/28/2004
TM 1-1-1-11	Explosive Ordnance Disposal Procedures	02/02/2011

TM 3-6665-426-10	Operator's Manual for Detector Kit, Chemical Agent: M256a2 (NSN: 6665-01-563-7473)	11/02/2009
TM 3-6665-428-10	Operator's Manual for Reconnaissance System, NBC Dr- SKO	08/31/2016
TM 3-6665-456-10	Operator's Manual Detector, Chemical Agent, Automatic: JCAD M4a1 NSN 6665-01-586-8286	04/30/2014
USAMEDD BORDEN INSTITUTE	Medical Aspects of Biological Warfare	01/01/2007
USCHPPM TECH GUIDE 316	Microbial Risk Assessment of Aerosolized Microorganisms	08/01/2009