2023 COURSE CATALOG

NDPC

NATIONAL DOMESTIC PREPAREDNESS CONSORTIUM

Preparing the Nation through Training

Over **3,609,048** First Responders Trained Since 1998

National Domestic Preparedness Consortium (NDPC)

The NDPC is a major DHS/FEMA training partner providing high–quality training to emergency responders throughout the United States and its territories under FEMA's Homeland Security National Training Program. Preparedness is a shared, national responsibility requiring our active participation to prepare America to address its threats and to establish and maintain a culture of preparedness.

The NDPC is comprised of seven members possessing core competencies that span the entire homeland security enterprise domain. The NDPC's mission is to prepare the Nation and to reduce vulnerability to incidents involving weapons of mass destruction, terrorism, and all–hazard, high–consequence events.

FEMA

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FEMA

Center for Domestic Preparedness

The CDP is a vital training component of the Department of Homeland Security, Federal Emergency Management Agency's National Preparedness Directorate. The CDP develops and delivers training for emergency response providers from State, Local, Tribal, and Territorial (SLTT) and, when appropriate, the federal government, foreign governments, and private sector entities. The CDP offers over 40 training courses at its resident campus in Anniston, Alabama. Training at the CDP campus is federally funded at no cost to state, local, tribal, and territorial emergency response professionals from the following disciplines: Agriculture, Education, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Materials, Healthcare, Information Technology, Law Enforcement, Public Health, Public Safety Communications, Public Works, Search and Rescue, Security and Safety, Transportation and Citizen/Community Volunteer. In addition to resident training, the CDP has a robust mobile training capability that can provide critical advanced hands–on training in local jurisdictions across the country.

cdp.dhs.gov 866.213.9553

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS COURSE NAME	HRS	CEU
AWR–317	REP Core Concepts Course (RCCC)	10.0	1.0
AWR–318	REP Disaster Initiated Review (RDIR)	5.0	0.5
AWR–333	Improvised Explosive Device Construction and Classification (IED–CC)	1.0	0
AWR–334	Introduction to Terrorist Attack Cycle (ITAC)	1.5	0
AWR–335	Response to Suspicious Behaviors (RSBI)	1.0	0
AWR–336	Health Sector Emergency Preparedness (HSEP)	8.0	0
AWR–337	IED Explosive Effects Mitigation (IED–EEM)	1.0	0
AWR–338	Homemade Explosive and Precursor Awareness (HME–P)	1.0	0
AWR–340	Protective Measures Awareness (PMA)	1.0	0
AWR–348	Bombing Preparedness Awareness Course (BPAC)	8.0	0.8
AWR–348–1	Bombing Preparedness Awareness Course Train–the–Trainer (BPAC TtT)	13.0	1.3
AWR–358	Hazardous Materials Awareness (HMA)	8.0	0.8
AWR–358–1	Hazardous Materials Awareness, Train–the–Trainer	8.0	0
AWR–358–W	Hazardous Materials Awareness–Distance Learning (HMA–W)	8.0	0.8
AWR–358–R–W	Hazardous Materials Awareness–Refresher Distance Learning (HMA–R–W)	4.0	0.4
AWR–900	Framework for Healthcare Emergency Management (FRAME)	32.0	3.2
AWR–901–1	Hospital Emergency Response Training – Basic Train–the–Trainer (HERT–B TtT)	8.0	0.8
AWR–901–2	Hospital Emergency Response Training – Basic (HERT–B)	8.0	0.8
AWR–922–W	Environmental Health Training in Emergency Response: Awareness (EHTER–A)	8.0	0.8
MGT–300–C	Field Force Command: Executive Course (FFCE)	8.0	0.8
MGT–360	Incident Command: Capabilities, Planning and Response Actions for All Hazards (IC)	24.0	2.4
MGT–445	REP Plan Review Course (RPPR)	24.0	2.4
MGT–450	Bomb–Making Awareness Program Community Liaison (BMAP–CL)	16.0	1.6
MGT–450–1	Bomb–Making Awareness Program Administrator Trainer (BMAP–AT)	16.0	1.6
MGT–451	Bomb Threat Management (BTM)	16.0	1.6
MGT–454	Healthcare Coalition Response Leadership (HCRL)	24.0	2.4
MGT–901	Healthcare Leadership for Mass Casualty Incidents (HCL)	32.0	3.2
MGT–902	Managing Public Information for All Hazard Incidents (MPI)	32.0	3.2
MGT–908	Disaster Related Exposure Assessment and Monitoring (DREAM)	32.0	3.2
PER–200	Field Force Operations (FFO)	24.0	2.4
PER–200–C	Field Force Operations Refresher (FFO–R)	8.0	0.8
PER–201	Evidence Collection in a Hazardous Materials Environment (HEC)	32.0	3.2
PER–202	Field Force Extrication Tactics (FFE)	24.0	2.4
PER–202–R	Field Force Extrication Tactics – Refresher (FFE–R)	8.0	0.8
PER–260	Basic Emergency Response Training (BERT)	24.0	2.4
PER–261	Hazardous Materials Technologies: Sampling, Monitoring, and Detection (HT)	40.0	4.0
PER–262	Hands–On Training for CBRNE Incidents (HOT)	16.0	1.6
PER–263	Respiratory Protection: Program Development and Administration (RP)	24.0	2.4
PER–264	Law Enforcement Protective Measures for CBRNE Incidents (LEPM)	8.0	0.8
PER–264–1	Law Enforcement Protective Measures for CBRNE Incidents, Train–the–Trainer (LEPM TtT)	8.0	0.8
PER–265	Law Enforcement Response Actions for CBRNE Incidents (LERA)	8.0	0.8
PER–266	Instructor Training Course (ITC)	40.0	4.0
PER–267	Emergency Medical Operations for CBRNE Incidents (EMO)	32.0	3.2
PER–268	Incident Complexities – Responder Actions for CBRNE Incidents (ICR)	8.0	0.8
PER–271	Emergency Medical Response Awareness for CBRNE Incidents (EMRA)	8.0	0.8
PER–272	Hazardous Materials Technician (HMT)	40.0	4.0
PER–309	Environmental Health Training in Emergency Response Operations (EHTER OPS)	32.0	3.2
PER–310	Strategic National Stockpile Preparedness Course (SNS)	34.0	3.4
PER–313	Intermediate Hands–On Training for CBRNE Incidents: Law Enforcement (HOT–LE)	8.0	0.8

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS COURSE NAME	HRS	CEU
PER–314	Radiological Emergency Preparedness Exercise Evaluator Course (REEC)	28.0	2.8
PER–316	REP Accident Assessment Course (RAAC)	40.0	4.0
PER–321	Barrier Precautions and Controls for Highly Infectious Disease (HID)	32	3.2
PER–322	Hazardous Materials Operations (HMO)	40.0	4.0
PER–324	Healthcare Emergency Response Operations for CBRNE Incidents (HERO)	8.0	0.8
PER–336	Protective Measures Course (PMC)	7.0	0.7
PER–336–1	Protective Measures Course Train–the–Trainer (PMC TtT)	8.0	0.8
PER–900	Intermediate Hands–on Training for CBRNE Incidents (HOT–I)	8.0	0.8
PER–902	Hospital Emergency Response Training for Mass Casualty Incidents (HERT)	24.0	2.4
PER–904	Radiological Emergency Response Operations (RERO)	40.0	4.0
PER–905	Advanced Radiological Incident Operations (ARIO)	40.0	4.0
PER–907	Initial Law Enforcement Response to Suicide Bomb Attacks (ILERSBA)	8.0	0.8
PER–908–1	Radiological Series Train–the–Trainer (TtT)	32.0	3.2
PER–922	Integrating Communications, Assessment, and Tactics (ICAT)	12.0	0.8
PER–922–1	Integrating Communications, Assessment and Tactics (ICAT) Train the Trainer	4.0	0.0

AWR–317 REP Core Concepts Course (RCCC)

HOURS 10.0 CEU 1.0 This course focuses on the nuclear power plant off–site radiological emergency preparedness program. It addresses the REP Program history and sentinel events, federal regulatory policies, basic radiation principles, REP planning guidance (planning standards), REP demonstration guidance (exercise evaluation areas), and the REP Disaster Initiated Review (DIR) process. At the successful completion of this course, the student will have satisfied the instructor–led training prerequisites for the MGT–445 REP Plan Review (RPPR) Course and PER–314 REP Exercise Evaluator Course (REEC).

AWR–318 REP Disaster Initiated Review (RDIR)

HOURS 5.0 CEU 0.5 This course provides emergency managers from Offsite Response Organizations (OROs) within the 10 or 50–mile Emergency Planning Zones (EPZs) of a NRC–licensed commercial nuclear power plant, with the fundamental knowledge of the Preliminary Capabilities Assessment (PCA) or, if warranted, the Disaster Initiated Review (DIR) process, as referenced in the FEMA Radiological Emergency Preparedness (REP) Program Disaster Initiated Review (DIR) Standard Operating Guide (SOG), Post–Disaster Assessment of Off–site Capabilities Checklists, and the Nuclear Regulatory Commission (NRC) Inspection Manual (IM) Chapter 1601.

AWR–333 Improvised Explosive Device Construction and Classification (IED–CC)

HOURS 1.0 CEU 0.0 The Improvised Explosive Device (IED) Construction and Classification Virtual Instructor–Led Training (VILT) serves as a prerequisite VILT for the instructor–led IED Search Procedures and Bomb–Making Materials Awareness Program (BMAP) courses. It is also intended to share general homemade explosive (HME) and precursor awareness information to a broad audience; therefore, this course provides learners foundational knowledge on the construction and classification of IEDs.

AWR–334 Introduction to Terrorist Attack Cycle (ITAC)

HOURS 1.5 CEU 0.0 This VILT course introduces a conceptual model of common steps in planning and executing terrorist attacks. By learning how terrorists operate, learners will be better able to counter potential attacks using improvised explosive devices (IEDs) by being able to identify the signs of a possible attack and responding appropriately and effectively. This course enhances learners' awareness and capability to prevent, protect against, respond to, and mitigate attacks that use IEDs against people, critical infrastructure, and other soft targets.

AWR–335 Response to Suspicious Behaviors (RSBI)

HOURS 1.0 CEU 0.0 This course serves as an overview of appropriate responses to suspicious behaviors and items. Therefore, the knowledge provided is general and foundational and is meant to increase awareness of the indicators of suspicious behavior and the basic responses if suspicious behaviors and/or items are suspected. Learners will describe the appropriate responses to recognized potential terrorist or criminal activity by differentiating between normal and abnormal behaviors and unattended and suspicious items. This course introduces the learner to the difference between normal and suspicious behaviors, physical characteristics that are not easily changeable and those that are, and the difference between unattended and suspicious items. The course then provides strategies and resources for responding to and reporting suspicious activities.

AWR–336 Health Sector Emergency Preparedness (HSEP)

HOURS 8.0 CEU 0.0 The course provides the knowledge required to prepare the seventeen healthcare providers and suppliers identified by the Center for Medicare and Medicaid Services (CMS) to achieve emergency preparedness and planning requirements. The course provides instruction and best practice tools and resources for performing a threat and hazard risk assessment, developing emergency operations plans, creating and sustaining associated policies and procedures, developing a communication plan for stakeholders, and training, testing, and exercising these plans, policies, and procedures to ensure readiness in the event of an emergency or disaster.

AWR–337 IED Explosive Effects Mitigation (IED–EEM)

HOURS 1.0 CEU 0.0 This VILT course introduces learners to the effects of an explosive blast. The course will detail the difference between blast, thermal/incendiary, and fragmentation effects and describe the destructive consequences of each type of effect on the target. For purposes of this course, targets can be both living and non–living (e.g., infrastructure, equipment, etc.). Finally, the course will touch upon security measures and best practices that can help prevent or mitigate explosive effects; although, this content is covered in much more depth in the Protective Measures Awareness VILT and the Protective Measures course.

AWR–338 Homemade Explosive and Precursor Awareness (HME–P)

HOURS 1.0 CEU 0.0 The Homemade Explosive (HME) and Precursor Awareness VILT serves as a prerequisite VILT for the instructor–led IED Search Procedures course and Bomb–Making Materials Awareness Program (BMAP) course. It is also intended to share general HME and precursor awareness information to a broad audience. This course provides learners foundational knowledge on HMEs and the common precursor materials that are used to create them.

AWR–340 Protective Measures Awareness (PMA)

HOURS 1.0 CEU 0.0 The Protective Measures Awareness VILT serves as an overview for the instructor–led Protective Measures course. Therefore, this course provides learners foundational knowledge on risks, risk management, and the three rings of security: physical protective measures, procedural/technical protective measures, and intelligence protective measures. Additionally, this VILT course serves as a marketing tool for the two–day instructor–led Protective Measures course, helping learners to determine if the course interests them and applies to their learning needs.

AWR–348 Bombing Prevention Awareness Course (BPAC)

HOURS 8.0 CEU 0.8 The Bombing Prevention Awareness course (BPAC) provides emergency responders with an overview of bombing prevention measures. During the one–day course, responders learn to understand basic concepts of general bombing prevention.

AWR–348–1 Bombing Prevention Awareness Course Train–the–Trainer (BPAC TtT)

HOURS 13.0 CEU 1.3 The Bombing Prevention Awareness Course Train–the–Trainer (BPAC TtT) provides emergency responders with an overview of bombing prevention measures. During the one–day course, responders learn to understand basic concepts of general bombing prevention. This course is designed for trainers qualified to instruct by their agency, jurisdiction, or organization who are interested in or required to plan, coordinate, conduct, and administer Center for Domestic Preparedness (CDP), Office of Bombing Prevention (OBP) awareness courses.

AWR–358 Hazardous Materials Awareness (HMA)

HOURS 8.0 CEU 0.8 The course provides attendees from all backgrounds with knowledge and practical experience in essential, awareness–level hazardous materials competencies as defined by *NFPA 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents and NFPA 1072: Standards for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*. The Hazardous Materials Awareness course provides students with training to proficiency in identifying hazardous materials; utilizing the U.S. Department of Transportation's 2016 Emergency Response Guidebook to identify hazardous materials risks and protective actions, utilizing hazard communication documents to identify hazardous materials risks and protective actions, and determining awareness–level personal and public protective actions.

AWR–358–1 Hazardous Materials Awareness, Train–the–Trainer

HOURS 8.0 CEU 0 This course provides the student with the knowledge and validation of skills required to successfully plan, coordinate, conduct, and administer the HMA course. The course reviews HMA learning objectives, instructional strategies, subject matter, and key teaching points for each module and activity. The course requires the successful completion of a performance examination to validate the trainer candidate's skill in presenting an instructional module. The course also reviews key CDP's instructional policies and introduces handouts outlining additional policies and administrative procedures. The course concludes with a summary and open forum intended to ensure all student questions are addressed and that student learning requirements are met.

AWR–358–W Hazardous Materials Awareness–Distance Learning (HMA–W)

HOURS 8.0 CEU 0.8 The course provides attendees from all backgrounds with knowledge and practical experience in essential, awareness–level hazardous materials competencies as defined by *NFPA 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents* and *NFPA 1072: Standards for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*. The Hazardous Materials Awareness course provides students with training to proficiency in identifying hazardous materials; utilizing the *U.S. Department of Transportation's 2016 Emergency Response Guidebook* to identify hazardous materials risks and protective actions, utilizing hazard communication documents to identify hazardous materials risks and protective actions, and determining awareness–level personal and public protective actions.

AWR–358–R–W Hazardous Materials Awareness–Refresher Distance Learning (HMA–R–W)

HOURS 4.0 CEU 0.4 The course provides successful graduates of a Hazardous Materials Awareness course with a refresher in the knowledge and practical experience in essential, awareness–level hazardous materials competencies as defined by *NFPA 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents and NFPA 1072: Standards for Hazardous Materials/ Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*. The Hazardous Materials Awareness – Refresher course reviews the identification of hazardous materials; utilization of the *U.S. Department of Transportation's 2016 Emergency Response Guidebook* to identify hazardous materials risks and protective actions, utilization of hazard communication documents to identify hazardous materials risks and protective actions, and determination of awareness–level personal and public protective actions.

AWR–900 Framework for Healthcare Emergency Management (FRAME)

HOURS 32.0 CEU 3.2 The course provides the knowledge and skill required to develop, implement, maintain, and administer an emergency management program and associated plans for a healthcare facility. The course provides an overview of relevant standards, regulations, and organizations; considerations for integrating with relevant agencies and stakeholders; a review of the Incident Command System; knowledge and practical skill in the conduct of a threat and hazard analysis; process and procedures for the development of emergency operations and associated plans, policies, and procedures; healthcare facility surge operations requirements and considerations; training and exercise requirements to ensure preparedness; and healthcare facility recovery following a disaster or emergency.

AWR–901–1 Hospital Emergency Response Training – Basic Train–the–Trainer (HERT–B TtT)

HOURS 8.0 CEU 0.8 This course provides knowledge and validation of skill required to successfully plan, coordinate, conduct, and administer the AWR–901–2 Hospital Emergency Response Training – Basic (HERT–B) course. The course reviews HERT–B learning objectives, instructional strategies, subject matter, and key teaching points for each module and activity. The course requires the successful completion of a performance examination to validate the trainer candidate's skill in presenting an instructional module. The course also reviews key CDP's instructional policies and introduces handouts outlining additional policies and information for using CDP instructional materials.

AWR–901–2 Hospital Emergency Response Training – Basic (HERT–B)

HOURS 8.0 CEU 0.8 This course provides healthcare facility personnel with knowledge in the performance of decontamination operations for mass trauma patients exposed to a chemical, biological, radiological, and nuclear hazard. The course reviews healthcare facility patient decontamination operation requirements, set up and operation of a healthcare facility patient decontamination capability, requirements for operating in personal protective equipment, and the procedures for patient triage and lifesaving interventions.

AWR–922–W Environmental Health Training in Emergency Response: Awareness (EHTER–A)

HOURS 8.0 CEU 0.8 The course provides environmental health responders with knowledge required to address environmental health issues brought about by a disaster or emergency. These issues include potable water, food safety, wastewater management, building assessment, vector control and management, solid waste management, and the safety and monitoring of mass care facilities.

MGT–300–C Field Force Command: Executive Course (FFCE)

HOURS 8.0 CEU 0.8 Field Force Command: Executive is an 8–hour course that prepares the management level responder to serve as a member of an incident management team during a civil action or disorder. The course provides instruction on incident management, incorporating planning considerations and other responsibilities of management–level responders during such an event. The course also provides responders with the ability to develop a local incident action plan for a civil action or disorder and implement response actions from the management level.

MGT–360 Incident Command: Capabilities, Planning and Response Actions for All Hazards (IC)

HOURS 24.0 CEU 2.4 The course prepares participants to serve as a member of an incident management team. The course provides participants with the ability to evaluate the threat to the jurisdiction, identify and prioritize probable targets, measure required capabilities, and execute the incident response planning and incident action planning processes. The course culminates with participants engaging in a real–time, scenario–driven tabletop exercise to plan for and manage emergency response resources.

MGT–445 REP Plan Review Course (RPPR)

HOURS 24.0 CEU 2.4 This course focuses on assisting Offsite Response Organizations (OROs) to assess the adequacy of their REP plans and procedures using the NUREG 0654/FEMA–REP–1 Planning Standards and Evaluation Criterion. These standards address public health and safety, potentially affected by a radiological incident at a Nuclear Regulatory Commission (NRC)–licensed commercial nuclear power plant. The course includes emergency planning development based on the Comprehensive Preparedness Guide (CPG) –101, familiarization of Hostile–Action Based (HAB) plan review, annual plan review process, and the Annual Letter of Certification (ALC) Review Guide process.

MGT–450 Bomb–Making Awareness Program Community Liaison (BMAP–CL)

HOURS 16.0 CEU 1.6 This course presents the knowledge and components necessary for BMAP Outreach Officers to develop and sustain a BMAP within their communities. This includes informing manufacturers, distributors, wholesalers, and point–of–sale retailers on the importance of being aware of suspicious behaviors and purchases. The course culminates in an experiential learning activity where learners develop a BMAP outreach plan for an assigned target audience and present that plan to peers for review and objective feedback.

MGT–450–1 Bomb–Making Awareness Program Administrator Trainer (BMAP–AT)

HOURS 16.0 CEU 1.6 The purpose of this BMAP Administrator's Training course is to provide supervisors, trainers, and other select representatives with the information and skills required to instruct the Bomb Making Materials Awareness Program (BMAP) Outreach Officer's course.

MGT–451 Bomb Threat Management (BTM)

HOURS 16.0 CEU 1.6 The Bomb Threat Management (BTM) Planning course introduces students to the Department of Homeland Security (DHS) risk–management process and the Development of the BTM plan. The one–day course includes activities that allow responders to apply specific portions of the risk–management process and their newly acquired knowledge about bomb–threat management procedures to critique mock BTM plans. The course culminates in an experiential learning activity in which learners revise a BTM plan using the findings of the individual module learning activities and the knowledge gained throughout the course

MGT–454 Healthcare Coalition Response Leadership (HCRL)

HOURS 24.0 CEU 2.4 The course provides instruction and facilitated discussion for best practices and lessons learned in establishing an effective health care coalition framework; conducting health care coalition planning and achieving preparedness; development of indicators, triggers, and tactics for proactive health care coalition action; and approaches, techniques, and considerations for health care coalition response and recovery leadership. Additionally, the course provides extensive practical experience in health care coalition leadership team response through a series of progressive exercises designed to emulate realistic community and regional public health and medical emergencies.

MGT–901 Healthcare Leadership for Mass Casualty Incidents (HCL)

HOURS 32.0 CEU 3.2 The course prepares healthcare facility leaders to execute the functions of incident command to plan, prepare for, respond to, and recover from disasters and emergencies requiring a surge of healthcare facility operations.

MGT–902 Managing Public Information for All Hazard Incidents (MPI)

HOURS 32.0 CEU 3.2 The course prepares personnel who are assigned or may be designated to perform public information duties during a community response to a disaster or emergency. The course addresses public information requirements for disasters and emergencies, interpersonal skills for public information officers, emergency communication methods, design and development of public messaging, media relations and press conferences, risk communication, and strategic communications and planning. The course culminates in a public information exercise run from a simulated joint information center.

MGT–908 Disaster Related Exposure Assessment and Monitoring (DREAM)

HOURS 32.0 CEU 3.2 This course is a four–day (32 hours) training course designed to provide knowledge and experience in assessing, monitoring, and tracking health effects to emergency responders and community members before, during, and after an emergency or disaster. This includes exposures to chemical, biological, radiological, nuclear and explosive (CBRNE) and all other hazards. The course provides a training experience on disaster epidemiologic tools that combines Emergency Responder Health Monitoring and Surveillance (ERHMS)™, Assessment of Chemical Exposure (ACE), and Epi CASE (Case Assessment Symptom and Exposure) tools developed by the U.S. Agency for Toxic Substances and Disease Registry (ATSDR), and the Centers for Disease Control and Prevention's (CDC) National Institute for Occupational Safety and Health (NIOSH), with additional training on disaster response and a capstone exercise.

PER–200 Field Force Operations (FFO)

HOURS 24.0 CEU 2.4 The course provides knowledge and skills required to maintain public order and manage crowds for planned and unplanned gatherings and events. The course provides instruction in protest types and actions, legal considerations, responsibilities of public order and crowd management teams, crowd management formations and techniques, and arrest team procedures. The course culminates in a series of hands–on activities designed to practice all learned skills in realistic public order and crowd management situations.

PER–200–C Field Force Operations Refresher (FFO–R)

HOURS 8.0 CEU 0.8 This course supports state and local law enforcement agencies' efforts to reinforce the knowledge and skills their officers received during initial field force operations training, which will help maintain their readiness to successfully mitigate civil action or disorder incidents.

PER–201 Evidence Collection in a Hazardous Materials Environment (HEC)

HOURS 32.0 CEU 3.2 The course provides instruction in hazardous materials evidence preservation and sampling, field screening, evaluation of physical evidence, responsibilities of evidence collection teams, and methods for evidence documentation and packaging. The course includes a series of hands–on activities that allow responders to practice all learned skills in a realistic contex,t to include a culminating exercise in a toxic agent environment.

PER–202 Field Force Extrication Tactics (FFE)

HOURS 24.0 CEU 2.4 The course provides instruction and practical experience in the defeat of commonly used protester devices. The course provides instruction in understanding common protester devices and situations, legal considerations for protester device defeat, responsibilities of extrication team members, and extrication techniques required to defeat many common protester devices. The course culminates in a series of hands–on activities that allow responders to practice defeating common protester devices as a member of an extrication team in realistic situations.

PER–202–R Field Force Extrication Tactics – Refresher (FFE–R)

HOURS 8.0 CEU 0.8 The course provides refresher training for students that have previously completed the full Field Force Extrication Tactics course. The training reviews instruction in understanding common protester devices and situations, legal considerations for protester device defeat, responsibilities of extrication team members, and extrication techniques required to defeat many common protester devices. The course culminates in a series of hands–on activities that allow responders to refresh their skills in defeating common protester devices as a member of an extrication team.

PER–260 Basic Emergency Response Training (BERT)

HOURS 24.0 CEU 2.4 This course provides instruction and practical experience in the skills required to safely support mass casualty incident operations during hazardous materials or weapons of mass destruction incidents. Course content includes knowledge and practical experience in the recognition of hazardous materials and weapons of mass destruction clues, identification of hazardous materials, determination of protective actions for hazardous materials and weapons of mass destruction, performance of patient triage and lifesaving interventions, techniques for patient movement and basic rescue, operating in personal protective equipment, the conduct of emergency and tiered patient decontamination, and a survey of select hazardous materials air monitoring and detection instruments.

PER–261 Hazardous Materials Technologies: Sampling, Monitoring, and Detection (HT)

HOURS 40.0 CEU 4.0 The course provides technician–level hazardous materials response personnel with the knowledge, skills, and abilities required to effectively operate sampling and monitoring equipment in hazardous materials environments. Students receive instruction in hazardous materials detection and monitoring technologies and perform advanced, practical application in the identification of hazardous materials using a variety of sampling and monitoring equipment and techniques while wearing PPE appropriate to the associated scenario.

PER–262 Hands–On Training for CBRNE Incidents (HOT)

HOURS 16.0 CEU 1.6 The course provides response personnel with the knowledge and skill required to support mass casualty incident operations for a chemical, biological, radiological, or nuclear (CBRN) incident. The course addresses scene survey and safety procedures, provides a survey of CBRN detection technologies, donning and doffing of personal protective equipment, triage and basic rescue of mass exposure victims, and the procedures for performing patient decontamination.

PER–263 Respiratory Protection: Program Development and Administration (RP)

HOURS 24.0 CEU 2.4 The course provides the knowledge and skill required to administer a respiratory protection program for a department or jurisdiction. The course provides instruction on Occupational Safety and Health Administration respiratory protection regulations; qualitative and quantitative fit testing procedures; inspection, maintenance, storage, and use of respirators; air quality standards and requirements; requirements for atmosphere–supplying respirators; and administrative requirements for the design, development, and sustainment of a respiratory protection program consistent with all laws, regulations, and best practices associated with respiratory protection.

PER–264 Law Enforcement Protective Measures for CBRNE Incidents (LEPM)

HOURS 8.0 CEU 0.8 The course provides law enforcement officers with the knowledge and skills required to safely perform law enforcement roles during an active threat situation involving hazardous materials. The course provides instruction in responding to an incident involving hazardous materials; employing weapons, retaining weapons, and apprehending suspects while wearing personal protective equipment; preserving hazardous evidence; collaborating with hazardous materials personnel to monitor and detect hazard levels and maintain safety; and moving and communicating tactically wearing PPE to apprehend an active human threat in a hazardous materials environment.

PER–264–1 Law Enforcement Protective Measures for CBRNE Incidents, Train–the–Trainer (LEPM TtT)

HOURS 8.0 CEU 0.8 This course provides knowledge and validation of skill required to successfully plan, coordinate, conduct, and administer the PER–264 Law Enforcement Protective Measures for CBRNE Incidents (LEPM) course. The course reviews LEPM learning objectives, instructional strategies, subject matter, and key teaching points for each module and activity. The course requires the successful completion of a performance examination to validate the trainer candidate's skill in presenting an instructional module. The course also reviews key CDP instructional policies and introduces handouts outlining additional policies and information for using CDP instructional materials.

PER–265 Law Enforcement Response Actions for CBRNE Incidents (LERA)

HOURS 8.0 CEU 0.8 The course provides law enforcement personnel an opportunity to receive advanced instruction and to apply the knowledge and skills learned through PER–264, Law Enforcement Protective Measures for CBRNE Incidents, in realistic incident response scenarios involving an active human threat in a hazardous materials/weapon of mass destruction environment. Students receive practical experience in establishing initial command for a hazardous materials/weapon of mass destruction incident and identification of hazardous materials and weapons of mass destruction to include emplaced threats and illicit laboratories. The course culminates with groups of officers responding to and apprehending an active human threat in a set of complex coordinated attack scenarios.

PER–266 Instructor Training Course (ITC)

HOURS 40.0 CEU 4.0 The course provides responders who have relevant subject matter expertise in a practical topic(s) with the knowledge, skills, and abilities necessary to train the topic to an audience of various sizes. The course addresses adult learning concepts and principles, development of an instructional strategy using available resources, development of basic instructional products to guide and enhance learning, performance of a training risk assessment, and practical skill in the delivery of instruction and the management of learners and the learning environment.

PER–267 Emergency Medical Operations for CBRNE Incidents (EMO)

HOURS 32.0 CEU 3.2 The course prepares responders to effectively respond to a chemical, biological, radiological, nuclear, or explosive (CBRNE) mass casualty incident by establishing an emergency treatment area, performing triage and treating prehospital CBRNE exposure patients, and coordinating and managing patient transportation to appropriate healthcare facilities.

PER–268 Incident Complexities – Responder Actions for CBRNE Incidents (ICR)

HOURS 8.0 CEU 0.8 The course provides entry–level response personnel with the knowledge and skill required to support mass casualty incident operations for a chemical, biological, radiological, or nuclear (CBRN) incident. The course addresses scene survey and safety procedures, an introduction to CBRN detection technologies, donning and doffing of personal protective equipment, basic rescue of CBRN exposure victims, and the procedures for performing patient decontamination.

PER–271 Emergency Medical Response Awareness for CBRNE Incidents (EMRA)

HOURS 8.0 CEU 0.8 The course provides knowledge and practical experience in the triage and treatment of chemical, biological, radiological, nuclear, or explosive (CBRNE) mass casualty victims. Students receive a review of the CBRNE threat and associated symptoms; on–site and hospital triage and treatment of victims; and perform scenario–based triaging decision games to provide experience in the critical thinking abilities required to quickly triage and treat CBRNE mass casualty victims.

PER–272 Hazardous Materials Technician (HMT)

HOURS 40.0 CEU 4.0 The course provides instruction and hands–on experience in the knowledge and skill required of a technician–level hazardous materials responder as defined by *NFPA 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents* and *NFPA 1072: Standards for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications.* The course includes knowledge and skill in planning a response to a hazardous materials incident, identification of hazardous materials and associated response requirements; identification of hazardous materials properties; identification of the behavior of hazardous material containers; knowledge and hands–on experience in determining requirements for and donning, operating in, and doffing personal protective equipment; determining requirements for and leading emergency, self, mass and technical decontamination for responders and victims; monitoring, detecting, and sampling hazardous materials; and the performance of offensive product control techniques to include various means for controlling leaks in hazardous materials containers.

PER–309 Environmental Health Training in Emergency Response Operations (EHTER OPS)

HOURS 32.0 CEU 3.2 The course provides practical experience in the knowledge and skills required to respond to community environmental health issues during a disaster or emergency. The course addresses assessment, recommendations, countermeasures, and interventions for drinking water safety; safe wastewater containment and disposal; health and safety of mass feeding facilities and operations; health and safety of mass shelter operations; and re–occupancy of facilities during and/or following a disaster or emergency.

PER–310 Strategic National Stockpile Preparedness Course (SNS)

HOURS 34.0 CEU 3.4 The Strategic National Stockpile Preparedness Course (SNS) is a five–day course Designed to give Federal, State, and Local officials information on how to best plan and prepare for a public health emergency and how to use and manage the Strategic National Stockpile in response to a terrorist attack, natural disaster, or technological accident.

PER–313 Intermediate Hands–On Training for CBRNE Incidents: Law Enforcement (HOT–LE)

HOURS 8.0 CEU 0.8 The course provides law enforcement personnel an opportunity to apply the knowledge and skills learned in PER–264 Law Enforcement Protective Measures for CBRNE Incidents in practice and in realistic incident response scenarios. An incident response exercise is performed to allow law enforcement officers to practice task organization; to don personal protective equipment; to determine and secure a perimeter; to enter and search for suspects, hazards, casualties, and evidence; to apprehend suspects; to preserve evidence; and to process out of the incident through technical decontamination. A second exercise is conducted in a live, toxic agent environment and allows responders to develop confidence in their personal protective equipment while functioning as a law enforcement team supported by a hazardous materials expert to clear a building, to identify and manage hazards, to preserve hazardous evidence, and to apprehend an active human threat in a contaminated environment.

PER–314 Radiological Emergency Preparedness Exercise Evaluator Course (REEC)

HOURS 28.0 CEU 2.8 As a first step to becoming a fully qualified REP exercise evaluator, this course introduces the exercise evaluator responsibilities prior to and during a REP exercise. Through a combination of presentation and experiential learning activities, participants review the technical and regulatory foundation of REP exercises, the exercise evaluation process, and learn how exercise evaluators prepare for, observe, and evaluate exercise conduct. The course includes four skill practice activities in which learners may apply their newly acquired exercise evaluation knowledge and start building key evaluator skills, including reviewing jurisdiction plans and procedures, observing exercise conduct and participants, documenting observations and assessing exercise performance in relationship to plans and procedures, and developing evaluation narratives and recommendations for improvement and corrective actions.

PER–316 REP Accident Assessment Course (RAAC)

HOURS 40.0 CEU 4.0 This course addresses the consequences of incidents involving radioactive materials, with emphasis placed on incidents at commercial nuclear power plants. The course focuses on the technical concepts involved in formulating protective action recommendations, including atmospheric dispersion models, dose projection methods, use of protective action guides, analysis of field team data, and calculation of derived intervention levels. Participants engage in problem–solving sessions and a tabletop exercise.

PER–321 Barrier Precautions and Controls for Highly Infectious Disease (HID)

HOURS 32.0 CEU 3.2 The course provides best practice knowledge and skills for triaging, transporting, transferring, treating, and managing a person with a highly infectious disease. Students participate in a guided discussion of best practices for managing and treating persons with a highly infectious disease, from identification or presentation through conclusion and final outcome of treatment. Students conduct a series of patient management and treatment exercises to include patient self–presentation or ambulance transport/transfer, treatment in a healthcare facility emergency department and/or isolation ward, and transfer or discharge from a healthcare facility to include the handling of infectious human remains.

PER–322 Hazardous Materials Operations (HMO)

HOURS 40.0 CEU 4.0 The course provides instruction and hands–on experience in the knowledge and skills required of an operations–level hazardous materials responder as defined by *NFPA 472: Standard for Competence of Responders to Hazardous Materials/ Weapons of Mass Destruction Incidents and NFPA 1072: Standards for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*. The course includes knowledge and skill in the identification of hazardous material and the associated response requirements; identification of hazardous materials properties; identification of the behavior of hazardous material containers; knowledge and hands–on experience in the donning, operating in, and doffing of personal protective equipment; conduct of emergency, mass, and technical decontamination; and performance of defensive product control techniques to include absorption, adsorption, damming (static, overflow, underflow), diking, diversion, retention, dilution, vapor dispersion, vapor suppression (rain down and roll on), and remote valve shutoff.

PER–324 Healthcare Emergency Response Operations for CBRNE Incidents (HERO)

HOURS 8.0 CEU 0.8 The course provides instruction in the means for providing care to CBRNE mass casualty victims; knowledge and practical experience in the safe donning, operating in, and doffing of PPE; basic knowledge of the procedures for decontaminating CBRNE victims and responders; and practical experience in the execution of triage and treatment protocols for mass casualty victims of a CBRNE incident.

PER–336 Protective Measures Course (PMC)

HOURS 7.0 CEU 0.7 The Protective Measures Course is a one–day course that provides an overview of identifying risk and the development of appropriate protective measures for different facility characteristics. The course provides activities that allow students to apply a modified vulnerability assessment to identify risks and determine appropriate protective measures for a given environmental venue.

PER–336–1 Protective Measures Course Train–the–Trainer (PMC TtT)

HOURS 8.0 CEU 0.8 The Protective Measures Course is a one–day course that provides an overview of identifying risk and the development of appropriate protective measures for different facility characteristics. The course provides activities that allow students to apply a modified vulnerability assessment to identify risks and determine appropriate protective measures for a given environmental venue. This course provides the student with the knowledge and initial coaching required to successfully plan, coordinate, conduct and administer the PMC course. The course reviews instructional policies and instructional expectations for CDP/OBP courses; provides instruction on the construct and utilization of instructional materials; reviews key exercises, as appropriate; and concludes with a summary and after–action review to ensure all student questions are addressed and that participant learning requirements are met.

PER–900 Intermediate Hands–on Training for CBRNE Incidents (HOT–I)

HOURS 8.0 CEU 0.8 The course provides scenario–based practical application in scene survey and safety, an introduction to chemical, biological, radiological, or nuclear (CBRN) detection technologies, the donning and doffing of personal protective equipment, and performance of victim triage, basic rescue, and decontamination procedures.

PER–902 Hospital Emergency Response Training for Mass Casualty Incidents (HERT)

HOURS 24.0 CEU 2.4 This course provides healthcare facility personnel with the knowledge and skills required to perform decontamination operations for mass trauma patients exposed to a chemical, biological, radiological, and nuclear hazard. The course addresses healthcare facility patient decontamination operation requirements, set up and operation of a healthcare facility patient decontamination capability, operating in required personal protective equipment, and the performance of patient triage and lifesaving interventions.

PER–904 Radiological Emergency Response Operations (RERO)

HOURS 40.0 CEU 4.0 The course provides the knowledge and skill required to serve as a member of radiological/nuclear field monitoring team. The course addresses radiological concepts, radiological response team operations, instrumentation, nuclear power plant operations and hazards, surveying and monitoring of radiation, personal protective equipment and decontamination, reception center operations, and radiological transportation hazards. The course culminates with a team and final exercise integrating the emergency response operations skills and training learned during the course.

PER–905 Advanced Radiological Incident Operations (ARIO)

HOURS 40.0 CEU 4.0 This course provides advanced skills necessary to safely lead radiation field monitoring teams and advise incident command during a nuclear incident. The course addresses advanced radiological emergency response operations, including identification of terrorism threats, responding to a commercial nuclear power facility incident, developing an incident action plan for a nuclear incident, selecting and operating radiological detection instruments, and leading radiation field monitoring teams.

PER–907 Initial Law Enforcement Response to Suicide Bomb Attacks (ILERSBA)

HOURS 8.0 CEU 0.8 Initial Law Enforcement Response to Suicide Bombing Attacks was developed with support and cooperation from New Mexico Tech and the National Bomb Squad Commanders Advisory Board to provide front–line law enforcement officers with the skills and knowledge to effectively interdict and respond to a an imminent suicide bombing attack (person–borne or vehicle–borne).

PER–908–1 Radiological Series Train–the–Trainer (TtT)

HOURS 32.0 CEU 3.2 The course provides the knowledge and practical experience needed to plan, administer, teach, conduct, and evaluate FEMA's radiological training series courses which includes: G320 – Fundamentals Course for Radiological Response, the associated independent study courses in the series, G346 – Hospital Emergency Department Management of Hazardous Materials, and the U.S. Department of Energy Modular Emergency Response Radiological Transportation Training. The course is designed to strengthen the capacity of trainers by applying principles of adult learning and a variety of training methodologies and facilitation skills, in addition to practice training sessions.

PER–922 Integrating Communications, Assessment, and Tactics (ICAT)

HOURS 12.0 CEU 0.8 This course challenges the traditional law enforcement view of use of force with regards to persons in crisis who are unarmed or armed with a weapon other than a firearm and attempts to develop officers that take a thoughtful, organized approach to handling/deescalating these situations based on critical decision–making and the realization of their potential as communicators and problem–solvers.

PER–922–1 Integrating Communications, Assessment and Tactics (ICAT) Train the Trainer

HOURS 4.0 CEU 0.0 In partnership with the Police Executive Research Forum (PERF), this course provides the student with the knowledge and skill required to successfully plan, coordinate, conduct, and administer an ICAT class. The course reviews ICAT learning objectives, instructional strategies, subject matter, and key teaching points for each module and activity. The course also reviews key CDP's instructional policies and introduces a guide outlining additional policies and administrative procedures. The course concludes with a summary and open forum intended to ensure all student questions are addressed and that student learning requirements are met.

Virtual Instructor Le Training

The CDP offers over 60 virtual instructor led training opportunities in a variety of subjects which include, law enforcement, hazardous materials response and management, health facility disaster planning, disaster response, infectious disease, and public information. For a complete list and upcoming offerings please visit: https://cdp.dhs.gov/vilt

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS Virtual Instructor–Led Training Topics Listing **Hazardous Materials Topics Collection**	HRS	
AWR–935–V1	Hazardous Materials Response Planning and Management	2.0	
AWR–935–V2	Hazardous Materials Personal Protective Equipment Determination and Considerations	1.0	
AWR–935–V3	Hazardous Materials Decontamination Determination and Operations	1.5	
AWR–935–V4	Planning, Response, and Management of Radiological and Nuclear Incidents	2.0	
AWR–935–V5	Planning, Response, and Management of a Biological Pathogen or Agent Incident	1.0	
AWR–935–V6	Target Hazard Analysis and Community Planning for Hazardous Materials	2.0	
AWR–935–V7	Monitoring, Detection, and Sampling of Hazardous Materials	2.0	
AWR–936–V8	Determining Product Behavior Using the General Behavior Model (GEBMO)	1.0	

AWR–935–V1 Hazardous Materials Response Planning and Management

HOURS 2.0 An examination of the task organization, process, and procedures for tactical planning and management of a hazardous materials incident response. Addresses the organization, roles, and responsibilities of a Hazardous Materials Branch or Group and provides a detailed analysis of the five phases of the tactical response process to include assessment and analysis, planning, implementation, evaluation, and termination.

AWR–935–V2 Hazardous Materials Personal Protective Equipment Determination and Considerations

HOURS 1.0 A comprehensive examination of the requirements and considerations for determining appropriate personal protective equipment (PPE) for a hazardous materials response. Discusses the OSHA and NFPA categorization of hazardous materials PPE; factors in determining required PPE to stock on–hand based on community hazards and threats, and for a specific incident; determining chemical compatibility of PPE items for an identified substance using various resources and tools; limitations of structural firefighting equipment in hazardous materials response; and medical screening, respirator fit testing, and other considerations for operations and management of personnel required to wear PPE.

AWR–935–V3 Hazardous Materials Decontamination Determination and Operations

HOURS 1.5 A discussion of the capabilities, requirements, and considerations for determining appropriate decontamination methods and means for a hazardous materials response. Examines the types, methods, and application of decontamination; reviews responder decontamination procedures (emergency and technical); reviews patient decontamination procedures (self–care, mass, and technical); decontamination site selection considerations; and the evaluation of the effectiveness of decontamination procedures.

AWR–935–V4 Planning, Response, and Management of Radiological and Nuclear Incidents

HOURS 2.0 An examination of the requirements, considerations, and tools for managing a radiological or nuclear event in a community. Addresses likely sources of a radiological or nuclear incident; Federal, state and local response resources; the three phases of a radiological or nuclear response; elements of early phase response; radiological dosimetry calculations; a brief overview of Hotspot and the RadResponder Network; and intermediate and late phase response.

AWR–935–V5 Planning, Response, and Management of a Biological Pathogen or Agent Incident

HOURS 1.0 Discussion of the requirements and considerations for managing a response to a biological agent or pathogen. The program examines definition and types of biological agents or pathogens; modes and means of transmission; categories of biological agents; indications of a biological incident; response procedures for a biological incident; personal protective equipment and decontamination considerations for a biological incident; phases of a public health operations to mitigate the effects of a biological agent or pathogen, and procedures for responding to a suspicious package, container, mail, or substance.

AWR–935–V6 Target Hazard Analysis and Community Planning for Hazardous Materials

HOURS 2.0 Explores requirements, processes, and considerations for analyzing and developing prepared response plans for hazardous materials hazards and threats in a community. Examines elements of an integrated hazardous materials and terrorism/extremism emergency plan; discuss effective planning team membership; and reviews the process and considerations for the analysis and pre–planning process. A review of an integrated analysis and preplan for a community hazard is conducted to illustrate intended outcomes of the process.

AWR–935–V7 Monitoring, Detection, and Sampling of Hazardous Materials

HOURS 2.0 Addresses monitoring, detection, and sampling activities performed during hazardous materials incident response. The course thoroughly explores the technologies used to perform hazardous materials air monitoring, detection and measurement and addresses the purpose, strengths and challenges, and selection considerations for each.

AWR–936–V8 Determining Product Behavior Using the General Behavior Model (GEBMO)

HOURS 1.0 Examines the General Hazardous Materials Behavior Model as a method to be used to assess hazardous materials containers and predict the behavior of the product within based on container shape and other factors. The topic address container stress, breach, and release and associate dispersion patterns.

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS Virtual Instructor–Led Training Topics Listing **Health and Medical Topics Collections**	HRS	
AWR–934–V1	Crisis Standards of Care and Treatment Decision–Making	1.0	
AWR–934–V2	Mass Casualty Incident Response	1.5	
AWR–934–V3	Special Needs Population Considerations During Emergency Response	1.0	
AWR–934–V4	Medical Surge Management	2.0	
AWR–934–V5	Federal, State, and Local Roles in Medical Emergency Response	1.0	
AWR–934–V6	Healthcare Facility Emergency Management Program	3.0	
AWR–934–V7	Hospital Incident Command System	2.0	
AWR–934–V8	Healthcare Facility Preparedness	1.0	
AWR–934–V10	Case Tracking and Epidemiology Tools	1.0	
AWR–934–V11	Contact Tracing for Infectious Disease	1.5	
AWR–934–V13	Fatality Management for Mass Casualty Events	1.25	
AWR–934–V16	Community Mass Dispensing	1.25	

AWR–934–V1 Crisis Standards of Care and Treatment Decision–Making

HOURS 1.5 Defines and explores the potential causes resulting in crisis standards of care, discusses potential situations resulting in prioritization of care, and explores legal, moral, and ethical considerations and mechanisms for making care decisions based on limited resources or capabilities.

AWR–934–V2 Mass Casualty Incident Response

HOURS 1.5 Provides mass casualty triage education and practical experience in the application of the SALT (Sort, Assess, Lifesaving Interventions, Treatment/Transport) Mass Casualty Triage Algorithm. The instruction addresses global sorting of mass casualties, assessment of individual patients, performance of on–scene lifesaving interventions, and the treatment, stabilization, and transport of patients for further treatment in a healthcare facility.

AWR–934–V3 Special Needs Population Considerations During Emergency Response

HOURS 1.0 Provides an overview of the requirements, capabilities, and considerations necessary to ensure special needs population requirement are addressed during planning, preparedness, response, and recovery.

AWR–934–V4 Medical Surge Management

HOURS 2.0 Examines the process for medical management of the immediate response phase of a mass trauma event. Explores considerations and challenges of establishing triage and life–saving interventions at the scene, transition of patients to healthcare facilities, and the prioritization and providing of emergency, life–saving treatment at a healthcare facility to do the most good for the most patients.

AWR–934–V5 Federal, State, and Local Roles in Medical Emergency Response

HOURS 1.0 Explores the roles of local, state, and Federal governments and entities in supporting and enabling effective community–based response and recovery to a health or medical emergency. The instruction emphasizes the critical importance of multi–level coordination to optimize community health system response and recovery.

AWR–934–V6 Healthcare Facility Emergency Management Program

HOURS 3.0 Addresses the nine steps for the effective creation of a comprehensive healthcare facility emergency management program. Discusses considerations and procedures for designating an emergency program manager, establishing an emergency management committee, developing an all hazards emergency operations plan, conducting and maintaining a hazard vulnerability analysis, developing incident specific guidance or planning guides, coordinating with external entities, preparing individuals and teams through training, exercising the emergency operations plan, and conducting program review and evaluation and planning for improvement.

AWR–934–V7 Hospital Incident Command System

HOURS 2.0 Introduction to the National Incident Management System and the National Response Framework and explores the Hospital Incident Command System as a methodology for effectively applying the incident command system in a healthcare environment. The Hospital Incident Command System is discussed as it pertains to improving emergency management planning, response, and recovery capabilities for both planned and unplanned health and medical emergencies.

AWR–934–V8 Healthcare Facility Preparedness

HOURS 1.0 Examines the requirements and considerations for preparing a community and associated healthcare facilities to capably respond to and recover from a health or medical emergency. The instruction explores topics such as effective coordination, communication, and establishment of a common operating picture; understandings and agreements with relevant private sector, volunteer, and non–governmental organizations; caching and sharing of critical resources; planning considerations for addressing at–risk and special needs populations; and joint training and exercises to validate and improve community capabilities.

AWR–934–V10 Case Tracking and Epidemiology Tools

HOURS 1.0 Provides an examination of the importance of case tracking in collecting data necessary to determine the cause of an illness and to lessen its impact on a population. The lesson addresses the procedure and considerations for effectively conducting case tracking, explores means to share collected data to make it available for broad analysis, and common epidemiology tools used in case tracking.

AWR–934–V11 Contact Tracing for Infectious Disease

HOURS 1.5 Provides an examination of the importance of contact tracing in reducing the spread of an infectious disease in a population. Addresses the procedures and considerations for effectively conducting contact tracing and explores the public health actions taken as a result of contact tracing.

AWR–934–V13 Fatality Management for Mass Casualty Events

HOURS 1.25 Examines planning and preparedness considerations and explores the procedures and considerations for mass fatality management in a healthcare facility. Defines fatality management; considerations for healthcare facility mass fatality planning; considerations for healthcare facility mass fatality preparedness; explains essential healthcare facility fatality management procedures and considerations; discusses public information and media coordination considerations for healthcare facility fatality management; security considerations for healthcare facility fatality management; evidence preservation, collection, and chain of custody considerations for healthcare facility fatality management; Health Insurance Portability and Accountability Act considerations for healthcare facility fatality management; and mental and behavioral health support for healthcare facility fatality management.

AWR–934–V16 Community Mass Dispensing

HOURS 1.25 Provides a detailed discussion of point of distribution operations, to include dispensing of medical countermeasures, during a disaster or emergency. The program addresses both push and pull models and open and closed types and pull model considerations and requirements for location selection, staffing, command and control, flow, security and access control, inventory control, and demobilization. Additionally, the program examines point of distribution emergency operations planning and presents numerous tools helpful in planning and executing point of distribution and dispensing operations.

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS Virtual Instructor–Led Training Topics Listing **Highly Infectious Disease Topics Collection**	HRS	
PER–321–V1	Barrier Precautions and Controls	1.75	
PER–321–V2	Pathogens of Special Concern	1.25	
PER–321–V3	Patient Management: Receiving a Highly Infectious Disease Patient	1.75	
PER–321–V4	Patient Management: Management of a Highly Infectious Disease Patient in a Healthcare Facility	3.0	

PER–321–V1 Barrier Precautions and Controls

HOURS 1.75 Addresses key infectious disease terms, standard barrier precautions and associated procedures, airborne barrier precautions and associated procedures, contact barrier precautions and associated procedures, droplet barrier precautions and associated procedures, and determination of specific barrier precautions and procedures for a designated disease.

PER–321–V2 Pathogens of Special Concern

HOURS 1.25 Examines patient management guidelines and considerations for persons effected by select pathogens of special concern based on disease mortality and morbidity.

PER–321–V3 Patient Management: Receiving a Highly Infectious Disease Patient

HOURS 1.75 Discussion of infectious disease patient management processes for effectively receiving patients who are self–presenting, transported by EMS, or transferred from a community health provider.

PER–321–V4 Patient Management: Management of a Highly Infectious Disease Patient in a Healthcare Facility

HOURS 3.0 Discussion of the critical processes, procedures, and considerations for safely managing a highly infectious disease patient in a healthcare facility.

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS Virtual Instructor–Led Training Topics Listing **Managing Public Information Topics Collection**	HRS	
MGT–902–V1	Public Information for All Hazard Incidents	2.0	
MGT–902–V2	Emergency Management and the Public Information Officer	1.0	
MGT–902–V3	Emergency Communication Methods	2.5	
MGT–902–V4	Media Relations and Press Conferences	1.0	
MGT–902–V6	Interpersonal Skills for Public Information Officers	1.5	
MGT–902–V7	Communicating Effectively in an Emergency	1.5	
MGT–902–V8	Writing Exercise	2.0	
MGT–902–V9	Legal Issues in Public Information	1.0	
MGT–902–V10	Public Information Functions	1.5	

MGT–902–V1 Public Information for All Hazard Incidents

HOURS 2.0 Addresses the responsibilities of the Public Information Officer and the media's role in disseminating public information during emergencies to include crisis and emergency risk communication planning.

MGT–902–V2 Emergency Management and the Public Information Officer

HOURS 2.0 Provides the responder with an overview of the national emergency response system, which includes the National Incident Management System, the Incident Command System, and the relationship between these systems.

MGT–902–V3 Emergency Communication Methods

HOURS 2.5 Addresses risk, crisis, and Crisis and Emergency Risk Communication messages, the public's perception of risk, and key components of content and delivery of a crisis and emergency risk message.

MGT–902–V4 Media Relations and Press Conferences

HOURS 1.0 Explains the public information officer responsibility to effectively plan for media reaction during routine as well as emergency situations, including how to contact local, regional, and national media outlets that can be instrumental in reaching the public with emergency information. Further explains how to prepare speakers for a press conference.

MGT–902–V6 Interpersonal Skills for Public Information Officers

HOURS 1.5 Provides the responder with an understanding of the dynamics of working with others and obtaining the best from other people. Discusses handling day–to–day relationships, self– awareness, interpersonal skills, motivation, conflict styles, and how to use this knowledge to perform the mission as a public information officer. Further explains methods of recognizing and dealing with stress reactions.

MGT–902–V7 Communicating Effectively in an Emergency

HOURS 1.5 Addresses aspects associated with communicating with the public during emergencies. These aspects include the mapping of critical messages, debunking myths, and the needs of the media. The requirements of public information officers are also examined, along with the personnel and equipment they may need for the successful completion of their function.

MGT–902–V8 Writing Exercise

HOURS 2.0 Addresses different types and styles of written products use for public information. Participants practice writing a message map and a press release as practical application.

MGT–902–V9 Legal Issues in Public Information

HOURS 1.0 Addresses legal issues associated with public information and information release. By understanding laws such as the Freedom of Information Act (FOIA); open records and the Health Insurance Portability and Accountability Act (HIPAA), the person in charge of managing public information can take precautions to protect his or her organization and act appropriately to provide information during an emergency.

MGT–902–V10 Public Information Functions

HOURS 1.5 Addresses the Joint Information System and its working entity, the Joint Information Center, which is used during a unified response to an emergency or disaster. It further defines the roles and responsibilities of the members of the Joint Information Center and how each is related to reaching the public with vital emergency information.

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS Virtual Instructor–Led Training Topics Listing **Optional Lecture Series Topics Collection**	HRS	
AWR–933–V1	A Deadly Dose: Fentanyl, Opioids, and the First Responder	1.0	
AWR–933–V2	Critical Incident Stress Debriefing (CISD): We Need It More Than We Know	1.0	
AWR–933–V3	Hazmat and Decontamination during Storm Response – How It Affects Us All	1.0	
AWR–933–V4	Hospital Planning for Mass Casualty Incident Surges: Natural Disasters	1.0	
AWR–933–V6	Opioids in America – The Epidemic	1.0	
AWR–933–V7	Psychological Preparedness for Responders	1.0	
AWR–933–V8	The Effective Use of Social and Traditional Media during Emergencies	1.0	
AWR–933–V9	Active Shooter/Assailant: Behavioral Indicators and How to Respond	1.0	
AWR–933–V10	Elastomeric Reusable Respirators – A solution to PPE Shortages	1.0	
AWR–933–V11	Emergency Response to Chemical Suicides	1.0	
AWR–933–V12	Emerging and Resurging Infectious Diseases	1.0	
AWR–933–V13	Field Medical Tactics during an Emergency Response to an Active Assailant Incident	1.0	
AWR–933–V14	Lone Wolf Threat in Every Town USA	1.0	
AWR–933–V15	Mass Violence Toolkit (MVT) Preplanning, Response and Recovery	1.0	
AWR–933–V16	Partnering with Voluntary Organizations Active in Disasters (VOAD) for Disaster Response and Recovery	1.0	
AWR–933–V17	Rescue Task Force During an Emergency Response to an Active Assailant Event	1.0	
AWR–933–V18	Suspicious Activity Reporting – Working with your Fusion Center	1.0	
AWR–933–V19	Autism Awareness for Emergency Services	1.0	
AWR–933–V20	Tactical Decontamination for Law Enforcement	1.0	
AWR–933–v21	Exposed: Hazards Associated with Emergency Response Provider	1.0	
AWR–933–V22	Eyes in the Sky–Drones	1.0	
AWR–933–V23	Command Post Operations	1.0	

AWR–933–V1 A Deadly Dose: Fentanyl, Opioids, and the First Responder

HOURS 1.0 Provides information on fentanyl, synthetic opioids, and other related substances. The escalating use of fentanyl□ related substances increases the risk to responders during routine law enforcement emergencies or life□saving activities and should be treated with extreme caution to avoid health–related complications. Additionally, information on substance recognition, PPE, detection, and other best practices is discussed.

AWR–933–V2 Critical Incident Stress Debriefing (CISD): We Need It More Than We Know

HOURS 1.0 Discusses how stress kills people every day, including Police Officers, Firefighters, EMS, and hospital personnel. CISD helps reduce many types of stress by participating in either defusing/debriefing sessions or both following a tragic, traumatic, and sometimes gruesome emergency scene, response, or situation.

AWR–933–V3 Hazmat and Decontamination during Storm Response – How It Affects Us All

HOURS 1.0 Discusses how flood water caused by hurricanes, heavy rain, or a broken dam can contain hazardous materials and how we protect and decontaminate ourselves in these responses.

AWR–933–V4 Hospital Planning for Mass Casualty Incident Surges: Natural Disasters

HOURS 1.0 Provides guidance in planning for operational response(s) related to naturally occurring Mass Casualty Incidents (Hurricanes, Tornados, Earthquake, etc.) in terms of number and types of casualties, casualty acuity, types of injuries to anticipate staffing, logistical, and surgical needs.

AWR–933–V6 Opioids in America – The Epidemic

HOURS 1.0 Provides information on the opioid epidemic currently plaguing the United States. Information on types of opioid medication, key stakeholders in the crisis, epidemiological and impact data, and response criteria efforts will be presented in lecture and open discussion with attendees. This presentation provides attendees with information they can use to help combat the opioid epidemic.

AWR–933–V7 Psychological Preparedness for Responders

HOURS 1.0 Reviews common examples of situations encountered by emergency responders with a tendency to cause stress and/or stress–induced psychological trauma. The audience will gain knowledge of stress disorder causes, signs and symptoms of stress–induced psychological trauma, and multiple coping methods for stress and stress disorders.

AWR–933–V8 The Effective Use of Social and Traditional Media during Emergencies

HOURS 1.0 Focuses on the role of media during disaster/emergency situations and how to plan for the interaction. Additionally, there will be discussion encouraging agency communicators to evaluate their current plans for public information and ensure the plans have the appropriate balance of social and traditional media outreach. It will also encourage agencies that do not have a robust social media presence to increase their online presence to meet the needs of the communities they serve during disasters.

AWR–933–V9 Active Shooter/Assailant: Behavioral Indicators and How to Respond

HOURS 1.0 Active Shooter/Assailant: Behavioral Indicators and How to Respond will cover the fundamental elements of behavioral recognition of an active shooter such as understanding and articulating physical cues, tactical cues, and weapons cues. Additionally, directed conversation as a precursor to interview/interrogation of an active shooter will also be discussed. The Run, Hide, Fight concept for staying alive during such an event will be presented.

AWR–933–V10 Elastomeric Reusable Respirators – A solution to PPE Shortages

HOURS 1.0 This presentation highlights the pros and cons of starting a reusable respirator program. It discusses the components needed for the program to be successful and highlights several types of filters/cartridges that can be used to protect against coronaviruses and other biologic agents.

AWR–933–V11 Emergency Response to Chemical Suicides

HOURS 1.0 Emergency Response to Chemical Suicides provides statistics relative to chemical suicides and the threats they pose to law enforcement, hazmat teams, and healthcare workers. The presentation elaborates on response and remaining safe while mitigating the toxic threat. Additional guidance on preparing a Standard Operating Procedure (SOP) for response to chemical suicides is provided.

AWR–933–V12 Emerging and Resurging Infectious Diseases

HOURS 1.0 Provides a contextual understanding of the nature of emergent and resurgent diseases and a practical approach for mitigating the risks associated with infection. Discussion includes the emergence and resurgence of a variety of infectious diseases including Zika Virus, Chikungunya, Ebola, Enterovirus D68, Measles, MERS, drug–resistant shigellosis, cyclosporiasis, Highly Pathogenic Avian Influenza, COVID 19, and extensively drug resistant (XDR) TB. Also discussed is how the awareness of the modes of contagion, the risks of infection, and the appropriate means of protection from the point of contact to presentation at a healthcare facility is critical to protect the well–being of patients and providers.

AWR–933–V13 Field Medical Tactics during an Emergency Response to an Active Assailant Incident

HOURS 1.0 Discuss active assailant data and the paradigm shift in response tactics to a mass casualty event. Include an overview of field medical tactics based on the principles of Tactical Emergency Casualty Care (TECC). Presentation includes the stages of care, medical equipment, common types of wounds, and the assessment protocol for wound treatment.

AWR–933–V14 Lone Wolf Threat in Every Town USA

HOURS 1.0 Provides information on what defines international and domestic lone wolf attackers and means of prevention and response.

AWR–933–V15 Mass Violence Toolkit (MVT) Preplanning, Response and Recovery

HOURS 1.0 Discusses how significant events resulting in mass violence affect us all, directly and indirectly, and how to use the Mass Violence Toolkit (MVT) in establishing effective response plans and community partnerships.

AWR–933–V16 Partnering with Voluntary Organizations Active in Disasters (VOAD) for Disaster Response and Recovery

HOURS 1.0 Discusses VOAD organizations and other community–based organizations/non–profit organizations as key partners in response and recovery efforts. Provides insight into VOAD organizations; their role in response and recovery efforts; formal organizational structures of VOAD groups; and, strategies for partnership.

AWR–933–V17 Rescue Task Force During an Emergency Response to an Active Assailant Event

HOURS 1.0 Reviews active assailant statistics and discusses a paradigm shift in emergency medical and fire service teams responding to an ongoing active assailant incident. The concept of operations for an integrated medical response utilizing law enforcement, fire, and EMS is presented. Additionally, the importance of establishing an incident command structure and the impact of a rescue task force are discussed.

AWR–933–V18 Suspicious Activity Reporting – Working with your Fusion Center

HOURS 1.0 Introduces the need for suspicious activity reporting and covers the components of suspicious activity reporting policy. Provides an overview for how first responders integrate with Fusion Centers and discusses different roles in information gathering.

AWR–933–V19 Autism Awareness for Emergency Services

HOURS 1.0 Discusses the behavioral complications of autistic adults and children. Identifies some of the subtle signs typically associated with autistic individuals, hazards associated with autistic individuals in a stressful emergency situation, calming techniques, dangers autistic individuals may crate for themselves, the public, and responders, and recommendations for police and fire departments to better understand autism and the autistic individuals in their communities.

AWR–933–V20 Tactical Decontamination for Law Enforcement

HOURS 1.0 A review of current events and emerging challenges of hazardous contamination in evolving tactical situations. Identifies decontamination needs and processes for law enforcement tools and equipment.

AWR–933–v21 Exposed: Hazards Associated with Emergency Response Provider

HOURS 1.0 Identifies possible hazards and the associated health effects that may threaten providers.

AWR–933–V22 Eyes in the Sky–Drones

HOURS 1.0 Discusses the recognition of unmanned aircraft systems technology and its advantages to first responders.

AWR–933–V23 Command Post Operations

HOURS 1.0 Discusses how a command post works and the basic tools needed to maintain and properly run a command post.

COURSE #	CENTER FOR DOMESTIC PREPAREDNESS Virtual Instructor–Led Training Topics Listing **Public Order Policing Topics Collection**	HRS	
AWR–936–V1	Survey of Community Policing	1.0	
AWR–936–V2	The Right to Protest and Law Enforcement Response	1.0	
AWR–936–V3	Social Media Strategies for Law Enforcement	1.0	
AWR–936–V4	Law Enforcement Response to Protect Movements Key Findings and Lessons Learned	1.5	
AWR–936–V5	Understanding Crowd Dynamics for Mitigation and De–escalation of Large–Scale Events	1.0	

AWR–936–V1 Survey of Community Policing

HOURS 1.0 A review of historical attributes of community policing, understanding how community policing has evolved over the last century, recognizing the Six Pillar Framework of 21st Century policing, and discussing how various aspects of 21st Century community policing can be applied in individual agencies.

AWR–936–V2 The Right to Protest and Law Enforcement Response

HOURS 1.0 An overview of the legal rights and Constitutional protections of protestors and the effective planning for arrests and necessary use of force to ensure physical and legal protection of law enforcement officers. Additionally, the topic explores the evolution of the Right to Protest and Law Enforcement Response in the United States.

AWR–936–V3 Social Media Strategies for Law Enforcement

HOURS 1.0 Addresses how law enforcement may use social media strategies to communicate during a large–scale protest, to conduct intelligence gathering and information collection, to monitor social media use by protestors and/or protest leaders, to formulate post–event strategies for social media use, and to define considerations for the law enforcement social media presence.

AWR–936–V4 Law Enforcement Response to Protect Movements Key Findings and Lessons Learned

HOURS 1.5 Explores the evolution of key findings and lessons learned in recent protestor movements.

AWR–936–V5 Understanding Crowd Dynamics for Mitigation and De–escalation of Large–Scale Events

HOURS 1.0 Examines the group and individual behaviors that make up the dynamics of a large crowd and the development of effective policies for de–escalation and for mitigation tactics and strategies.

New Mexico Tech
Energetic Materials Research and Testing Center

Energetic Materials Research and Testing Center at New Mexico Tech

The Energetic Materials Research and Testing Center (EMRTC) at New Mexico Tech (NMT) is the consortium's lead partner for detection, prevention, response, and recovery for incidents involving explosives and energetic materials.

Founded in 1889 as the New Mexico School of Mines, NMT has evolved into a research–oriented public university specializing in science and engineering. The institution has earned a worldwide reputation for the quality of its research and academic programs. As a result, NMT has consistently garnered high ratings from several sources, such as US News and World Report and the Princeton Review. NMT conducts applied research in explosive technology, explosive materials engineering, information security, and modeling and simulation for numerous U.S. Government agencies, including the Departments of Defense, Justice, State, Transportation, and Energy. The campus of NMT is located 70 miles south of Albuquerque, NM. EMRTC's additional training site, Playas Training and Research Center, is located in the southwestern corner of New Mexico.

emrtc.nmt.edu 575.835.5703

COURSE #	ENERGETIC MATERIALS RESEARCH AND TESTING CENTER COURSE NAME	HRS	CEU	Virtual
AWR–132	Understanding and Planning for School Bomb Incidents, Mobile	4.0	0.4	X
AWR–132–C	Understanding and Planning for School Bomb Incidents, Customized	1.5	0	X
AWR–132–W	Understanding and Planning for School Bomb Incidents, Web–Based	4.0	0.4	
AWR–230	Incident Response to Terrorist Bombings, Mobile - Response to Bombing Incidents, Mobile	4.0	0.4	X
AWR–230–C	Incident Response to Terrorist Bombings, Customized - Response to Bombing Incidents, Customized	1.5	0	X
AWR–231	Prevention of and Response to Suicide Bombing Incidents, Mobile	4.0	0.4	X
AWR–231–C	Prevention of and Response to Suicide Bombing Incidents, Customized	1.5	0	X
AWR–235	Initial Law Enforcement Response to Suicide Bombing Attacks, Mobile	8.0	0.8	X
AWR–235–C	Initial Law Enforcement Response to Suicide Bombing Attacks, Customized	1.5	0	X
AWR–313	Homemade Explosives: Awareness, Recognition, and Response, Mobile	8.0	0.8	X
AWR–313–C	Homemade Explosives: Awareness, Recognition, and Response, Customized	1.5	0	X
AWR–406	Unmanned Aircraft Systems Program Development, Mobile	4.0	0.4	X
PER–230	Incident Response to Terrorist Bombings, Residential - Response to Bombing Incidents, Residential	27.0	2.7	
PER–230–1	Incident Response to Terrorist Bombings, Train-the-Trainer - Response to Bombing Incidents, Train-the-Trainer	27.0	2.7	
PER–231	Prevention of and Response to Suicide Bombing Incidents, Residential	34.0	3.4	
PER–233	Medical Preparedness and Response for Bombing Incidents, Mobile	16.0	1.6	
PER–395	Tactical Response to Suicide Bombing Incidents, Residentail	31.0	0.0	

AWR–132 Understanding and Planning for School Bomb Incidents, Mobile

HOURS 4.0 CEU 0.4 The Understanding and Planning for School Bomb Incidents, Mobile course is designed to provide emergency first responders and school staff with the skills to plan and respond to school bomb threats and bombing incidents through lectures and exercises. Participants are presented with information necessary to recognize a threat and determine pre– and post–detonation threat response strategies, and to develop actionable items specific to an individual school's needs. **This course is delivered by New Mexico Tech instructors in communities across the United States.**

AWR–132–C Understanding and Planning for School Bomb Incidents, Customized

HOURS 1.5 CEU 0 The Understanding and Planning for School Bombing Incidents, Customized course is designed to provide emergency first responders and school staff with an overview of the skills necessary to plan and respond to school bomb threats and bombing incidents. Participants are presented with information necessary to recognize a threat and determine pre– and post–detonation threat response strategies, and develop actionable items specific to an individual's school needs. **This course is delivered by New Mexico Tech instructors in communities across the United States.**

AWR–132–W Understanding and Planning for School Bomb Incidents, Web–Based

HOURS 4.0 CEU 0.4 The Understanding and Planning for School Bomb Incidents, Web–Based course is designed to provide emergency first responders and school staff with the skills to plan and respond to school bomb threats and bombing incidents. Participants are presented with information necessary to recognize a threat and determine pre– and post–detonation threat response strategies, and to develop actionable items specific to an individual school's needs.

AWR–230 Incident Response to Terrorist Bombings, Mobile - Response to Bombing Incidents, Mobile

HOURS 4.0 CEU 0.4 This awareness level delivery of the IRTB/RBI course provides first responders with the skills and tools they need to safely and effectively respond to terrorist incidents involving explosives and improvised explosive devices (IEDs). This course is delivered by New Mexico Tech instructors in communities across the United States.

AWR–230–C Incident Response to Terrorist Bombings, Mobile - Response to Bombing Incidents, Mobile

HOURS 1.5 CEU 0 This awareness level conference delivery of the IRTB/RBI course provides first responders with an overview of the skills and tools they need to safely and effectively respond to terrorist incidents involving explosives and improvised explosive devices (IEDs). This course is delivered by New Mexico Tech instructors in communities across the United States.

AWR–231 Prevention of and Response to Suicide Bombing Incidents, Mobile

HOURS 4.0 CEU 0.4 This awareness level delivery of the PRSBI course provides first responders with the knowledge and skills necessary to prevent, interdict, and/or respond to a suicide bombing incident. This course is delivered by New Mexico Tech instructors in communities across the United States.

AWR–231–C Prevention of and Response to Suicide Bombing Incidents, Customized

HOURS 1.5 CEU 0 This awareness level conference delivery of the PRSBI course provides first responders with an overview of the knowledge and skills necessary to prevent, interdict, and/or respond to a suicide bombing incident. This course is delivered by New Mexico Tech instructors in communities across the United States.

AWR–235 Initial Law Enforcement Response to Suicide Bombing Attacks, Mobile

HOURS 8.0 CEU 0.8 The ILERSBA course presents information on suicide bomber recognition and appropriate response categories, including tactical response. This course is designed to prepare law enforcement officers to recognize the threat of an active suicide bomber through the recognition of Suicide Bomber Improvised Explosive Device (SBIED) components and suicide bomber behavioral indicators. The course provides multiple response strategies to effectively interdict a suicide bomber. Additionally, the ILERSBA course teaches law enforcement officers how to establish response priorities when responding to a suicide bombing post–blast scene, given the unique hazards associated with such an incident. **This course is delivered by New Mexico Tech instructors in communities across the United States.**

AWR–235–C Initial Law Enforcement Response to Suicide Bombing Attacks, Customized

HOURS 1.5 CEU 0 This conference delivery of the ILERSBA course presents an overview of the information on suicide bomber recognition and appropriate response categories, including tactical response. This course is designed to prepare law enforcement officers to recognize the threat of an active suicide bomber through the recognition of Suicide Bomber Improvised Explosive Device (SBIED) components and suicide bomber behavioral indicators. The course provides multiple response strategies to effectively interdict a suicide bomber. Additionally, the ILERSBA course teaches law enforcement officers how to establish response priorities when responding to a suicide bombing post–blast scene, given the unique hazards associated with such an incident. **This course is delivered by New Mexico Tech instructors in communities across the United States.**

AWR–313 Homemade Explosives: Awareness, Recognition, and Response, Mobile

HOURS 8.0 CEU 0.8 The Homemade Explosives: Awareness, Recognition, and Response, Mobile course is designed to provide emergency first responders with the knowledge and skills necessary to recognize and respond to incidents involving Homemade Explosives (HME). Emergency first responders are presented with information on the identification of HME explosive precursor chemicals, HME manufacturing indicators, HME exposure indicators, and pre–detonation and post–detonation response actions. Throughout this course, emergency first responders discuss how to implement safe response strategies when recognizing the presence of HME indicators as understanding these response actions is critical to mitigating the hazards associated with HME. **This course is delivered by New Mexico Tech instructors in communities across the United States.**

AWR–313–C Homemade Explosives: Awareness, Recognition, and Response, Customized

HOURS 1.5 CEU 0 The Homemade Explosives: Awareness, Recognition, and Response, Customized course is designed to provide emergency first responders with an overview of the knowledge necessary to recognize and respond to incidents involving Homemade Explosives (HME). Emergency first responders are presented with information on the identification of HME explosive precursor chemicals, HME manufacturing indicators, HME exposure indicators, and pre–detonation and post–detonation response actions. **This course is delivered by New Mexico Tech instructors in communities across the United States.**

AWR–406 Unmanned Aircraft Systems Program Development, Mobile

HOURS 4.0 CEU 0.4 The goal of the USAPD course is to aid first responders and emergency agencies in the successful development, implementation, and sustainment of a department or agency's small unmanned aircraft system (sUAS) program. This course provides class participants with the knowledge and tools required for establishing sUAS program goals; deciding if an agency is best suited by sUAS operations options under 14 CFR part 107 or operating sUAS programs as a public aircraft operation (PAO); requesting waivers and airspace authorizations; and developing standard operating procedures (SOP). This course will provide first responders with an understanding of FAA regulations governing 14 CFR part 107 operations along with statutory requirements for public aircraft operations. The UASPD course also presents a review of Government agency sUAS program best practices.

PER–230 Incident Response to Terrorist Bombings, Residential - Response to Bombing Incidents, Residential

HOURS 27.0 CEU 2.7 The IRTB/RBI course provides first responders with the knowledge and skills necessary to safely respond to terrorist incidents involving explosives. The IRTB/RBI course focuses on first responder health and safety by addressing personal protection issues that arise when responding to terror incidents involving commercial and homemade explosive. Additionally, the course includes information on the recognition of Improvised Explosive Devices (IEDs); terrorist organizations, both foreign and domestic; and lessons learned from past terrorist incidents through classroom presentations and live–explosive demonstrations. This information better prepares first responders to safely recognize and respond to terrorist bombing threats.

PER–230–1 Incident Response to Terrorist Bombings, Train-the-Trainer - Response to Bombing Incidents, Train-the-Trainer

HOURS 27.0 CEU 2.7 The IRTB/RBI course provides first responders with the knowledge and skills necessary to safely respond to terrorist incidents involving explosives. The IRTB/RBI course focuses on first responder health and safety by addressing personal protection issues that arise when responding to terror incidents involving commercial and homemade explosive. Additionally, the course includes information on the recognition of Improvised Explosive Devices (IEDs); terrorist organizations, both foreign and domestic; and lessons learned from past terrorist incidents through classroom presentations and live–explosive demonstrations. This information better prepares first responders to safely recognize and respond to terrorist bombing threats. Qualified participants are certified to teach awareness level information after successful completion of the course.

PER–231 Prevention of and Response to Suicide Bombing Incidents, Residential

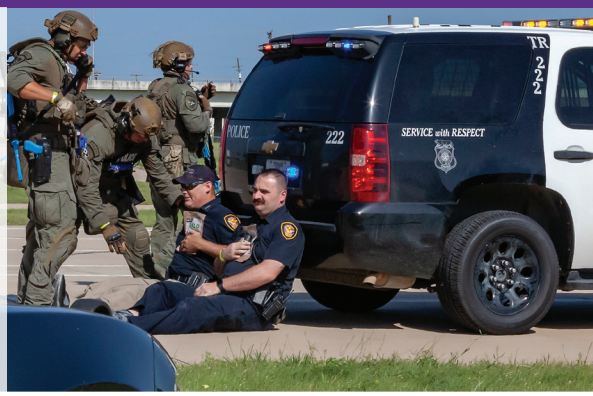
HOURS 34.0 CEU 3.4 The PRSBI course focuses on understanding the history and threat of suicide bombing to the United States as well as suicide bomber methodologies. The course guides first responders through the Nine Phases of a Bombing Incident as they relate to suicide bombers (beginning with bomber recruitment) with interdiction opportunities presented at every phase. First responders are provided with information on Suicide Bomber Improvised Explosive Devices (SBIEDs), SBIED component recognition, and delivery methods through classroom presentations and live–explosive demonstrations. Additionally, first responders are presented with the tools to recognize a suicide bombing threat and countermeasure planning tools to prevent and/or mitigate the effects of such an attack. This information enables first responders to return to their organizations and maximize efforts and planning for suicide bombing threats.

PER–233 Medical Preparedness and Response for Bombing Incidents, Mobile

HOURS 16.0 CEU 1.6 This MPRBI course introduces first responders who may be involved in the medical response to an explosive incident to real–world event case studies and research–based information designed to enhance the medical preparedness for and response to blast effects. This course includes a management and planning–level section focused on pre–incident indicators of bombing incidents, bombing incident scene safety and security, and resource management for bombing incidents. The course also includes a performance–level section focused on bombing incident injury patterns and treatment; managing the medical response for bombing incidents; and the planning, training, and exercise cycle for bombing incidents.

PER–395 Tactical Response to Suicide Bombing Incidents, Residential

HOURS 31.0 CEU 0.0 Tactical Response to Suicide Bombing Incidents (TRSBI), Residential course provides law enforcement tactical officers with the knowledge and skills to prevent and respond to suicide bombing incidents. Through lectures, discussions, case studies, and live-explosive field demonstrations, law enforcement tactical officers are presented with information on preventing, deterring, and mitigating the effects of a suicide bomber. In addition, participants learn to implement response strategies for active suicide bombers and post-blast incidents. The course culminates with a series of performance-based tactical exercises where participants can apply the knowledge provided in the course and practice life-saving tactics, techniques, and procedures in suicide bombing scenarios.



ACADEMY OF
LOUISIANA STATE UNIVERSITY
NCBRT
COUNTER-TERRORIST EDUCATION

Louisiana State University National Center for Biomedical Research and Training/ Academy of Counter–Terrorist Education

Louisiana State University's National Center for Biomedical Research and Training/Academy of Counter–Terrorist Education (LSU NCBRT/ACE) is a founding member of the NDPC. Since 1998, LSU NCBRT/ACE has focused on three areas of emergency responder training: biological events, food and agriculture, and law enforcement. LSU NCBRT/ACE offers mobile training, meaning that courses are delivered in local jurisdictions across the country. LSU NCBRT/ACE also offers online training.

LSU NCBRT/ACE offers over 20 DHS/FEMA certified courses for a variety of disciplines, including Law Enforcement, HAZMAT, EMS, Public Health, Hospital Staff, Emergency Management, and many others. Some courses offer hands–on, tactical training, while others are geared toward emergency planning and management.

ncbrt.lsu.edu 877.829.8550

COURSE #	NATIONAL CENTER FOR BIOMEDICAL RESEARCH AND TRAINING COURSE NAME	HRS	CEU	Virtual
AWR–118	Biological Incidents Awareness	7.0	0.7	
AWR–118–1	Biological Incidents Awareness, Train–the–Trainer	8.0	0.8	
AWR–122	Law Enforcement Prevention and Deterrence of Terrorist Acts	14.0	1.4	
AWR–122–1	Law Enforcement Prevention and Deterrence of Terrorist Acts, Train–the–Trainer	15.0	1.5	
AWR–122–C	Law Enforcement Prevention and Deterrence of Terrorist Acts, Customized	4.0	0.4	X
AWR–219	Site Protection through Observational Techniques (SPOT)	7.0	0.7	X
AWR–219–1	Site Protection through Observational Techniques (SPOT), Train–the–Trainer	8.0	0.8	
AWR–219–C	Site Protection through Observational Techniques (SPOT)	4.0	0.4	X
AWR–304–W	Shopping Center Security Terrorism Awareness Training Program, Web–based	5.0	0.5	
AWR–315	Fundamentals of Criminal Intelligence	20.0	2.0	X
AWR–323–W	Disease Containment Measures	2.5	0.2	
AWR–324	Biological Incidents Awareness: Coronavirus Disease 2019	4.0	0.4	X
AWR–324–1	Biological Incidents Awareness: Coronavirus Disease 2019, Train–the–Trainer	5.5	0.5	
AWR–393–W	COVID–19 Targeted Violence and Terrorism Prevention Awareness	0.75	0.07	
AWR–409	Recognizing and Identifying Domestic and Homegrown Violent Extremism	8.0	0.8	X
MGT–323	Instructor Development Workshop	24.0	2.4	X
MGT–324	Campus Emergencies Prevention, Response, and Recovery	16.0	1.6	
MGT–324–C	Campus Emergencies Prevention, Response, and Recovery – Customized	8.0	0.8	X
MGT–409	Community Healthcare Planning and Response to Disasters	16.0	1.6	
MGT–418	Readiness: Training Identification and Preparedness Planning	16.0	1.6	
MGT–447	Managing Food Emergencies: Strategies for a Community Response	16.0	1.6	
PER–219	A Prepared Jurisdiction: Integrated Response to a CBRNE Incident	20.0	2.0	
PER–220	Emergency Response to Domestic Biological Incidents	16.0	1.6	
PER–221	Tactical Operations for CBRNE Incidents	24.0	2.4	
PER–222	Public Safety CBRNE Response – Sampling Techniques and Guidelines	24.0	2.4	
PER–228	Crime Scene Investigations for Hazardous Environments	24.0	2.4	
PER–229	Introduction to the Computer–Aided Management of Emergency Operations (CAMEO) Suite	24.0	2.4	
PER–229–1	Introduction to the Computer–Aided Management of Emergency Operations (CAMEO) Suite, Train–the–Trainer	32.0	3.2	
PER–275	Law Enforcement Active Shooter Emergency Response (LASER)	24.0	2.4	
PER–275–1	Law Enforcement Active Shooter Emergency Response (LASER), Train–the–Trainer	32.0	3.2	
PER–298	Team Approach to Foodborne Outbreak Response	16.0	1.6	
PER–335	Critical Decision Making for Complex Coordinated Attacks	16.0	1.6	
PER–340	Active Threat Integrated Response Course (ATIRC)	24.0	2.4	
PER–374	Active Threats on Campuses: Protective Measures and Response	8.0	0.8	
PER–374–1	Active Threats on Campuses: Protective Measures and Response , Train–the–Trainer	8.0	0.8	
PER–375	Surviving an Active Threat: Run. Hide. Fight.	8.0	0.8	
PER–375–1	Surviving an Active Threat: Run. Hide. Fight., Train–the–Trainer	8.0	0.8	
PER–380	Campus Active Shooter Integrated Response	16.0	1.6	
PER–383	Document Inspection for Law Enforcement	8.0	0.8	

AWR–118 Biological Incidents Awareness

HOURS 7.0 CEU 0.7 This course provides a brief overview of biological incidents that have occurred; biological agents that are naturally occurring, could be accidentally released, or could be used deliberately; the typical course of disease and how that may vary in a deliberate incident; an overview of biological agents as terrorist weapons; and methods of protection from biological agents (with an emphasis on protection using methods and equipment readily available to emergency responders and the general public). This course can be considered an introductory course to Emergency Response to Domestic Biological Incidents (PER–220).

AWR–118–1 Biological Incidents Awareness, Train–the–Trainer

HOURS 8.0 CEU 0.8 This course provides a brief overview of biological incidents that have occurred; biological agents that are naturally occurring, could be accidentally released, or could be used deliberately; the typical course of disease and how that may vary in a deliberate incident; an overview of biological agents as terrorist weapons; and methods of protection from biological agents (with an emphasis on protection using methods and equipment readily available to emergency responders and the general public). This course can be considered an introductory course to Emergency Response to Domestic Biological Incidents (PER–220).

AWR–122 Law Enforcement Prevention and Deterrence of Terrorist Acts

HOURS 14.0 CEU 1.4 This awareness-level course focuses on the recognition, prevention, and deterrence of terrorist activity and crime-related high consequence events for law enforcement and other public safety professionals. Subject areas covered in the course include intelligence gathering, threat recognition, community-oriented policing, counterfeit identification detection, information sharing among agencies and chemical, biological, radiological, nuclear and explosive (CBRNE) agents or materials that can be procured either legitimately or illegally to produce a WMD.

AWR–122–1 Law Enforcement Prevention and Deterrence of Terrorist Acts, Train–the–Trainer

HOURS 15.0 CEU 1.5 This awareness-level course focuses on the recognition, prevention, and deterrence of terrorist activity and crime-related high consequence events for law enforcement and other public safety professionals. Subject areas covered in the course include intelligence gathering, threat recognition, community-oriented policing, counterfeit identification detection, information sharing among agencies and chemical, biological, radiological, nuclear and explosive (CBRNE) agents or materials that can be procured either legitimately or illegally to produce a WMD.

AWR–122–C Law Enforcement Prevention and Deterrence of Terrorist Acts, Customized

HOURS 4.0 CEU 0.4 This course, also known as Fraudulent Documents, provides participants with an overview of general security features employed by the US government to establish the validity of government documents, as well as known methods used to alter or counterfeit the types of documents commonly presented to law enforcement officers. Several government documents are discussed, including identity cards, driver's licenses, and social security cards.

AWR–219 Site Protection through Observational Techniques (SPOT)

HOURS 7.0 CEU 0.7 Emergency responders, security professionals, security support staff, and the public must work together to identify suspicious objects, substances, and people. This course trains public safety personnel to improve their observational techniques by using a four-step ongoing screening process that includes increasing protective awareness, identifying pre-operational behaviors, evaluating, and taking action. Participants will use fictional scenarios to examine each step of the process. At the end of this course, participants will be able to better recognize, communicate, and act upon suspicious behaviors that could indicate a terrorist attack.

AWR–219–1 Site Protection through Observational Techniques (SPOT), Train–the–Trainer

HOURS 8.0 CEU 0.8 Emergency responders, security professionals, security support staff, and the public must work together to identify suspicious objects, substances, and people. This course trains public safety personnel to improve their observational techniques by using a four-step ongoing screening process that includes increasing protective awareness, identifying pre-operational behaviors, evaluating, and taking action. Participants will use fictional scenarios to examine each step of the process. At the end of this course, participants will be able to better recognize, communicate, and act upon suspicious behaviors that could indicate a terrorist attack.

AWR–219–C Site Protection through Observational Techniques (SPOT)

HOURS 4.0 CEU 0.4 Emergency responders, security professionals, security support staff, and the public must work together to identify suspicious objects, substances, and people. This course trains public safety personnel to improve their observational techniques by using a four-step ongoing screening process that includes increasing protective awareness, identifying pre-operational behaviors, evaluating, and taking action. Participants will use fictional scenarios to examine each step of the process. At the end of this course, participants will be able to better recognize, communicate, and act upon suspicious behaviors that could indicate a terrorist attack.

This customized version stays at a much higher level and does not go into as much detail as the 7 hour course.

AWR–304–W Shopping Center Security Terrorism Awareness Training Program, Web–based

HOURS 5.0 CEU 0.5 This course provides security training personnel with increased awareness of the various facets of terrorism and criminal activity that could occur at a retail facility. During this course participant will examine weapons that may be used in a terror attack and will be able to describe various attack tactics that may be used against a retail facility. Participants will also be able to assess potentially suspicious behavior and will be able to conduct surveillance at their facility. The course describes proper response to terrorist or criminal incidents.

AWR–315 Fundamentals of Criminal Intelligence

HOURS 20.0 CEU 2.0 This awareness–level course presents participants with the core capabilities required for participants from an all–crimes, all–hazards perspective. It encompasses traditional crimes and domestic and international acts of terrorism. This course introduces participants to intelligence and distinguishes between intelligence and information. Among the topics covered are the Intelligence Community, responsibilities of participants, and goals and uses of criminal intelligence products. The potential range of customers and their needs are addressed. This course incorporates the five–step intelligence process and the importance of critical and creative thinking as it pertains to analysis of information and the intelligence process. Participants will become familiar with the Information Sharing Environment, suspicious activity reporting, and legal authorities and guidance associated with criminal intelligence collection and use, including privacy, civil rights, and civil liberties laws. Finally, this course addresses the benefits of forming strategic partnerships and collaborative networks. The goal of this course is to ensure participants leave equipped with the knowledge and skills to effectively participate in and contribute to the criminal intelligence enterprises within their agencies.

AWR–323–W Disease Containment Measures

HOURS 2.5 CEU 0.2 This course provides training on the indicators related to various disease containment measures as well as detailed information on the declaration, implementation, and suspension efforts required during disease containment efforts. The course focuses on the roles of community agencies as well as how these agencies must integrate their efforts to successfully respond to a disease–related emergency. Case studies are used to provide real–life exposure to social distancing, quarantine, and isolation events.

AWR–324 Biological Incidents Awareness: Coronavirus Disease 2019

HOURS 4.0 CEU 0.4 This course provides a brief overview of COVID-19, including specific information about symptoms, transmission, personal protective measures, and scene control. This awareness-level course will prepare participants to recognize a potential COVID-19 infection, to know how to protect themselves during response, and to identify outside factors, including scene control and public messaging, which will require their attention.

AWR–324–1 Biological Incidents Awareness: Coronavirus Disease 2019, Train–the–Trainer

HOURS 5.5 CEU 0.5 This course provides a brief overview of COVID-19, including specific information about symptoms, transmission, personal protective measures, and scene control. This awareness-level course will prepare participants to recognize a potential COVID-19 infection, to know how to protect themselves during response, and to identify outside factors, including scene control and public messaging, which will require their attention.

AWR–393–W Targeted Violence and Terrorism Prevention Awareness, Web-Based (45 minutes)

HOURS 0.75 CEU 0.07 The purpose of this awareness-level course is to remind participants that the types of targeted violence and terrorism threats that law enforcement and public and private security must typically watch for have not ceased in the COVID-19 world. In addition to these routine threats, others may take advantage of the anonymity provided by wearing PPE, the limited access to public spaces with often limited security, and other unique conditions of the COVID-19 world to commit crimes they might not otherwise consider. Participants will become more situationally aware of the threats facing the communities they serve by the end of this course, and be prepared with ways to respond and encourage effective response in their mission.

AWR–409 Recognizing and Identifying Domestic and Homegrown Violent Extremism

HOURS 8.0 CEU 0.8 This course is an instructor-led, awareness-level course that introduces participants to the differences between domestic violent extremism (DVE) and homegrown violent extremism (HVE), indicators of violent extremist behavior, characteristics of recruitment and radicalization, and the legal safeguards that protect civil rights, civil liberties, and privacy. Additionally, the course covers social media as it relates to extremism, ways to improve responder safety, and techniques to counter violent extremist threats through interagency and community partnerships.

MGT–323 Instructor Development Workshop

HOURS 24.0 CEU 2.4 This course primarily serves to give insight into adult education and enhance the instructional skills and styles of experienced instructors. The course focuses on best teaching and training practices, and it enhances understanding of instructor competencies set by the International Board for Standards for Training, Performance, and Instruction. Instructors model how to facilitate classroom discussions and motivate and encourage participants. Participants will reflect on their learning and have many opportunities for self-evaluation. The course follows a problem-based training model, focusing on providing performance, technical, and higher-level skills instruction. Expert instructors deliver this modular course within a three-day time frame. Training occurs in the form of lectures, group discussions, practical exercises, and peer- and self- assessments.

MGT–324 Campus Emergencies Prevention, Response, and Recovery

HOURS 16.0 CEU 1.6 This course provides participants with an understanding of and ability to navigate through the difficult aspects of dealing with campus emergencies involving natural or manmade events, including acts of violence. The course consists of small, problem-based, integrated group activities that require a coordinated, integrated approach to solve. Through tabletop scenarios, participants will observe a developing incident and respond in a manner consistent with currently established campus and jurisdictional emergency operations procedures. The target audience for this course includes campus leaders who may be involved in planning for, responding to, and recovering from campus emergencies. Suggested attendees are personnel from PK-12 schools and institutes of higher education (IHEs), first responders, elected officials, and community stakeholders.

MGT–324–C Campus Emergencies Prevention, Response, and Recovery – Customized

HOURS 8.0 CEU 0.8 This course provides participants with an understanding of and ability to navigate through the difficult aspects of dealing with campus emergencies involving natural or manmade events, including acts of violence. The course consists of small, problem-based, integrated group activities that require a coordinated, integrated approach to solve. Through tabletop scenarios, participants will observe a developing incident and respond in a manner consistent with currently established campus and jurisdictional emergency operations procedures. The target audience for this course includes campus leaders who may be involved in planning for, responding to, and recovering from campus emergencies. Suggested attendees are personnel from PK-12 schools and institutes of higher education (IHEs), first responders, elected officials, and community stakeholders.

MGT–409 Community Healthcare Planning and Response to Disasters

HOURS 16.0 CEU 1.6 This course provides comprehensive planning tools to mitigate impacts on communities during large–scale incidents and examines the need for collaboration among responders in a community–wide disaster response. It is taught through a combination of facilitated discussion, hands–on training and traditional instruction. Recognizing that response to disasters differs by locale, the course can be tailored to local participant needs. Several activities rely on the varied expertise and experiences of the audience to provide information about their planning considerations and response roles.

MGT–418 Readiness: Training Identification and Preparedness Planning

HOURS 16.0 CEU 1.6 The goal of this course is to teach participants how to create effective training plans for their agencies and jurisdictions using an approach that includes the whole community. The RTIPP process stems from the National Preparedness System (NPS) guidelines, and each module is based on a component of the NPS.

Agencies that plan and train together are much better equipped to successfully respond together. In this course, participants learn a Jurisdiction Training Assessment Process in which an integrated assessment team creates a jurisdictional profile and evaluates their abilities to meet their EOP. Participants are then able to identify and catalog training gaps and identify ways to close them by prioritizing training efforts, developing improvement plans and implementing a course of action.

MGT–447 Managing Food Emergencies: Strategies for a Community Response

HOURS 16.0 CEU 1.6 This course helps jurisdictions develop a plan to effectively respond to a large food emergency. The goal of the course is to encourage multidisciplinary, multiagency planning to quickly mobilize resources in a food emergency. The course uses a whole community approach combined with the National Incident Management System (NIMS), the Incident Command System (ICS), and the Emergency Operations Center (EOC) to respond to food emergencies.

Participants will learn how to identify a food emergency that should trigger a response; apply the principles of ICS; determine roles during a food emergency; identify resources; successfully communicate with other agencies and the public; and what to do during the recovery phase. The course combines facilitated discussion and scenario-based training to give participants tangible experience applicable to a real-world food emergency.

PER–219 A Prepared Jurisdiction: Integrated Response to a CBRNE Incident

HOURS 20.0 CEU 2.0 This course is designed to improve interagency collaboration during a chemical, biological, radiological, nuclear, or explosive (CBRNE) incident. Disciplines within a community must be able to recognize their roles and the roles of other first responder disciplines when preparing for and responding to disasters. The course examines integration and command structure within a jurisdiction.

Using a whole community approach, the course provides an opportunity for a jurisdiction to examine its overall preparedness capability. This goal is accomplished through interactive discussions between functional groups, collaborative planning, and participation in a day-long field training scenario, which presents participants with an incident that significantly challenges existing resources throughout their jurisdiction.

PER–220 Emergency Response to Domestic Biological Incidents

HOURS 16.0 CEU 1.6 This course is designed to help participants safely and effectively respond to a biological incident by using an integrated approach. The course provides detailed information about various biological agents and possible methods of dissemination-whether naturally occurring or intentional. Participants will identify appropriate assessment and response actions and will review personal protection, containment measures, and tools that may be accessed during a biological incident.

PER–221 Tactical Operations for CBRNE Incidents

HOURS 24.0 CEU 2.4 The goal of this course is to provide tactical team personnel and emergency responders with the knowledge, skills, and abilities to safely and effectively respond to chemical, biological, radiological, nuclear, and explosive (CBRNE) incidents.

Through a combination of classroom sessions and comprehensive practical exercises, participants gain knowledge and experience in decontamination procedures; selection and use of PPE; tactical operations involving an IED; identification and characteristics of chemical and biological agents; identification and characteristics of radiological isotopes; use of detection equipment; and planning and performing tactical operations in a CBRNE environment.

PER–222 Public Safety CBRNE Response – Sampling Techniques and Guidelines

HOURS 24.0 CEU 2.4 This course addresses specific fundamentals and skills associated with an emergency response to a WMD incident. As such, it provides detailed technical information and includes hands-on practice of actions required of emergency responders in such situations.

Participants are provided the opportunity to perform public safety sampling techniques required in the response to a WMD event. Of special interest is the course's emphasis on collecting forensically valid samples, which is accomplished through maintaining a secure chain-of-custody for the sample from the time of collection through laboratory analysis. This process is consistent with the FBI 12-step process for managing a crime scene, including those involving a WMD.

PER–228 Advanced Forensic Investigations for Hazardous Environments

HOURS 24.0 CEU 2.4 This course addresses responses in a hazardous environment, with an emphasis on evidence collection and recovery. The purpose of the course is to provide participants with the knowledge, skills, and abilities to investigation a hazardous environment crime scene, as defined by the International Association for Identification's Crime Scene Certification Board. By the end of the course, participants will have the developed the skills to investigate chemical, biological, radiological, nuclear, and high-yield explosive (CBRNE), toxic industrial chemical (TIC), or other hazardous environment crime scene for the identification, documentation, presumptive field testing, preservation, and collection for laboratory analysis of CBRNE/TIC and non-CBRNE/TIC forensic evidence.

PER–229 Introduction to the Computer–Aided Management of Emergency Operations (CAMEO) Suite

HOURS 24.0 CEU 2.4 This performance–level course provides training on the fundamental elements of the CAMEO Suite of programs as they relate to emergency situations. As such, it includes detailed technical information and hands–on practice of critical elements of the CAMEO system and its associated programs (CAMEO Chemicals, CAMEOfm, ALOHA, and MARPLOT). To better understand how the programs interface, participants are provided opportunities to practice key procedures that allow users to enhance planning and response activities associated with community risks. These exercises clarify the connections between the programs and how they can enhance emergency planning and response activities.

PER–229–1 Introduction to the Computer–Aided Management of Emergency Operations (CAMEO) Suite, Train–the–Trainer

HOURS 32.0 CEU 3.2 This performance–level course provides training on the fundamental elements of the CAMEO Suite of programs as they relate to emergency situations. As such, it includes detailed technical information and hands–on practice of critical elements of the CAMEO system and its associated programs (CAMEO Chemicals, CAMEOfm, ALOHA, and MARPLOT). To better understand how the programs interface, participants are provided opportunities to practice key procedures that allow users to enhance planning and response activities associated with community risks. These exercises clarify the connections between the programs and how they can enhance emergency planning and response activities.

PER–275 Law Enforcement Active Shooter Emergency Response (LASER)

HOURS 24.0 CEU 2.4 Terrorism involving active shooter attacks on population centers has become part of law enforcement officers' awareness; however, increased awareness of a problem does not ensure preparedness or appropriate response tactics. This course addresses technical aspects of planning and implementing a rapid law enforcement deployment to an active shooter incident through classroom presentations, hands-on performance-based field training, and scenario-based practical exercises.

PER–275–1 Law Enforcement Active Shooter Emergency Response (LASER), Train–the–Trainer

HOURS 32.0 CEU 3.2 This is a train–the–trainer course designed to prepare participants to deliver indirect versions of Law Enforcement Active Shooter Emergency Response. Participants must have previously taken and passed the direct delivery version of the course to take the train–the–trainer.

PER–298 Team Approach to Foodborne Outbreak Response

HOURS 16.0 CEU 1.6 This course addresses the training needs of staff who have a role in foodborne outbreak response. Participants include individuals from state and local government agencies with experience in foodborne disease outbreak response and knowledge of their agency's outbreak investigation capabilities. Partners from federal agencies and the food industry will also benefit from participation in this course, since it identifies how the skills, resources, and expertise of all levels of government can be coordinated within an integrated national food system.

PER–335 Critical Decision Making for Complex Coordinated Terrorist Attacks

HOURS 16.0 CEU 1.6 Complex coordinated terrorist attacks (CCTAs), involve multiple threats that often exceed conventional response tactics. These attacks require a joint response involving members from various disciplines and jurisdictions.

Using classroom instruction and practical exercises, this course enhances the response capabilities of first responders during CCTAs. Topics covered during classroom instruction include characteristics of a CCTA, public safety response considerations, command operations and strategies, and critical information about situational and domain awareness. This course uses several notable case studies to provide real-life examples of the characteristics of a CCTA.

PER–340 Active Threat Integrated Response Course (ATIRC)

HOURS 24.0 CEU 2.4 This course is designed to improve integration between law enforcement, fire, and emergency medical services (EMS) in active shooter events. The course provides law enforcement officers with key medical skills based on tactical emergency casualty care (TECC) guidelines that can be used at the point of injury (POI) to increase survivability of victims. The course also provides a model framework for law enforcement, fire, and EMS to integrate responses during an active shooter event through the rescue task force concept using the Active Shooter Incident Management Checklist.

PER–374 Active Threats on Campuses: Protective Measures and Response

HOURS 8.0 CEU 0.8 This course is designed to strengthen the response capabilities of those working in a campus environment in preparation for a potential active threat incident. An active threat incident will challenge both law enforcement first responders, as well as non-law enforcement campus personnel. It is critical for these parties to work together to prevent or mitigate the effects of an active threat. Participants will examine various techniques and principles that can be used to effectively diminish casualties threats of all types.

PER–374–1 Active Threats on Campuses: Protective Measures and Response , Train–the–Trainer

HOURS 8.0 CEU 0.8 This course serves as an 8–hour block of instruction that prepares trainer–the–trainer participants to effectively conduct an indirect delivery of Active Threats on Campuses: Protective Measures and Response. It contains a review of module content, individual and class reflection, guidance on becoming a trainer, and administrative information and tasks.

PER–375 Surviving an Active Threat: Run. Hide. Fight.

HOURS 8.0 CEU 0.8 This course addresses the Run. Hide. Fight. response paradigm and guides non-traditional first responders in the various ways these methods can be employed. Because active threat incidents can occur anywhere, participants are encouraged to apply principles from this course to plans and procedures in their workplaces. The course covers the basic principles of the response paradigm as it pertains to response in the event of an active threat incident.

PER–375–1 Surviving an Active Threat: Run. Hide. Fight., Train–the–Trainer

HOURS 8.0 CEU 0.8 This course serves as an 8–hour block of instruction that prepares trainer–the–trainer participants to effectively conduct an indirect delivery of Surviving an Active Threat: Run. Hide. Fight.It contains a review of module content, individual and class reflection, guidance on becoming a trainer, and administrative information and tasks.

PER–380 Campus Active Shooter Integrated Response

HOURS 16.0 CEU 1.6 The purpose of the course is to identify and practice integration techniques that First Responders and Immediate Responders will use to strengthen overall response, initial scene management, and communications strategies to mitigate an active shooter incident.

This course aims to strengthen the response capabilities of those working in a campus environment in preparation for an active shooter incident. Participants will examine various techniques and principles that they can use to effectively combat active shooter incidents.

During the course, participants will discuss case studies of past active shooter events, survival techniques, initial patient management, and integrated concepts to mitigate an active shooter incident. Additionally, the course consists of a series of practical scenarios that will test the response capabilities of First Responders and Immediate Responders. The course provides participants with an opportunity to enhance their response skills to improve the chance of survival during an active shooter incident.

PER–383 Document Inspection for Law Enforcement

HOURS 8.0 CEU 0.8 The Document Inspection for Law Enforcement course provides participants with the skills to evaluate the authenticity of identification documents and ensure that documents are lawfully possessed. This course provides a professional and comprehensive examination of overt and covert security features of genuine current state drivers licenses and federal travel documents. The course provides tools and techniques that participants can use during the interview process to identify imposters and to examine identification documents that subjects present to them.

	NATIONAL CENTER FOR BIOMEDICAL RESEARCH AND TRAINING COURSE NAME **Micro Modules**		
	BATH Assessments		
	Behavioral Intervention Teams (BITs)		
	Building Emergency Action Plans (BEAPs)		
	CAN and SIM		
	Contact Team Principles and Priorities		
	Direct Pressure		
	Direct Threat Care – Tourniquet Application		
	Introduction to Emergency Operations Plans (EOPs)		
	Movement to Contact		
	Negotiating Doors		
	Pressure Points		
	Rescue Task Force Formations		
	Wound Packing		
	Zones of Operation During an Active Threat		
	Tables and Chairs: Setting Up An Incident Command Post		
	Considerations for Breaching		
	Mechanical Breaching		
	Staging in an Active Shooter Incident		
	Communicating Risk Effectively in a Food Emergency		
	Overview of the RTIPP Process		
	Document Inspection Process		
	Refreshing Your Jurisdictional Profile		
	Behavioral Considerations for Document Inspection		
	Preparedness Tools		
	Terrorist Preoperational Planning		
	Facial Image Comparison		
	Assessment Team Check-Up		
	Consolidating Training Needs		
	Door Barricading		
	Establishing a Baseline		

BATH Assessments

The LSU NCBRT/ACE BATH Assessments presentation is part of a series of micro modules based on certified course content. The purpose of this presentation is to provide emergency responders an overview or refresher of key principles for BATH Assessments. Using this simple assessment tool, responders identify and treat life–threatening bleeding, maintain an open airway, monitor for signs of tension pneumothorax, and attempt to maintain the victim's body temperature to prevent hypothermia.

This presentation was created using content from NCBRT's PER–340, *Active Threat Integrated Response Course.*

Behavioral Intervention Teams (BITs)

The purpose of this presentation is to provide an informational reminder of key principles for Behavioral Intervention Teams. BITs are formed to respond to the early detection of and intervention of worrisome or potentially harmful behavior and to prevent campus violence. These BITs provide a centralized point to which concerned members of the campus community can report instances of worrisome or potentially harmful behavior.

Building Emergency Action Plans (BEAPs)

The purpose of this presentation is to provide an informational introduction for Building Emergency Action Plans, or BEAPs. A BEAP details emergency actions at the building level, including occupant actions and should support an Emergency Operations Plan.

CAN and SIM

The purpose of this presentation is to remind Emergency Responders of key principles of CAN (Conditions, Actions, and Needs) reports, and using SIM (Security, Immediate Action Plan, Medical Intervention) during an active threat incident. These principles can assist first responders to identify needs and rapidly respond to active threat incidents.

This presentation was created using content from NCBRT's PER–335, *Critical Decision Making for Complex Coordinated Attacks,* and PER–340, *Active Threat Integrated Response Course.*

Contact Team Principles and Priorities

This presentation will address contact team concepts, principles, and priorities. These include solo officer entries, bypassing the wounded, and directing follow–on responders.

This presentation was created using content from NCBRT's PER–275, *Law Enforcement Active Shooter Emergency Response,* and PER–340, *Active Threat Integrated Response Course.*

Direct Pressure

The purpose of this presentation is to remind emergency responders of key principles for applying direct pressure to injuries sustained during an active threat incident when tourniquets may not be an option.

This presentation was created using content from NCBRT's PER–340, *Active Threat Integrated Response Course.*

Direct Threat Care – Tourniquet Application

The purpose of this presentation is to remind Emergency Responders of key tourniquet application principles in a direct threat care environment.

Introduction to Emergency Operations Plans (EOPs)

The purpose of this presentation is to provide an informational introduction for Emergency Operating Plans, or EOPs. An EOP serves as the cornerstone of preparedness and emergency activities of a campus. This presentation provides resources for campuses to begin developing their EOPs.

Movement to Contact

The Movement to Contact micro module provides emergency responders an overview or refresher of key principles for team movement as they move to mitigate an active threat. This presentation looks at team sizes and configurations, as well as the advantages and disadvantages of a few common ones.

Negotiating Doors

This presentation provides emergency responders an overview or refresher of key principles for negotiating open and closed doors as they clear rooms during an active threat situation. When responders make room entries, they must move quickly and decisively through the door and prepare to engage the threat.

Pressure Points

The Pressure Points video illustrates how to use pressure points in controlling severe bleeding as a first step before tourniquet application or wound packing occurs.

Rescue Task Force Formations

The purpose of this presentation is to provide Emergency Responders an informational reminder of key principles surrounding the formation and response of a Rescue Task Force (RTF) in an active shooter or active threat incident.

This presentation was created using content from NCBRT's PER–275, *Law Enforcement Active Shooter Emergency Response,* and PER–340, *Active Threat Integrated Response Course.*

Wound Packing

The purpose of this video presentation is to provide emergency responders an overview or refresher of key principles of wound packing. Wound packing is performed during the indirect threat care phase of an incident when there is no active threat. It may be used to control severe bleeding in places where tourniquets are not effective, such as bleeding near the junction of the torso and a limb.

Zones of Operation During an Active Threat

Zones of operation are defined by the relative level of threat. These designations determine where certain actions and specific personnel are allowed to operate. As a result, and for a safer and more efficient response, we identify and label areas at the scene based on our knowledge of the potential threat(s) in each of those areas. We do this by assigning identifiers: the hot zone, the areas of highest risk; the warm zone, an area of intermediate risk; and the cold zone, areas of least risk with regard to the incident.

This presentation was created using content from NCBRT's PER–340, *Active Threat Integrated Response Course.*

Tables and Chairs: Setting Up An Incident Command Post

The purpose of this presentation is to provide participants with one example of physically establishing an incident command post (ICP). During an emergency, it is critical for individuals to know their various roles and responsibilities as well as how information should flow within the ICP.

Considerations for Breaching

The purpose of this presentation is to provide an informational introduction for basic considerations during breaching for law enforcement officers. The content reviews entry points and mechanical breaching tools.

Mechanical Breaching

The purpose of this presentation is to provide examples of mechanical breaching for law enforcement. The video will review methods of mechanical breaching including forcing, cutting and crushing or breaking.

Staging in an Active Shooter Incident

The purpose of this presentation is to provide a focused overview of staging and staging concepts for all responders as well as law enforcement. It also provides tactical approach, tools, and resource considerations for a response attributed to an intentional act by individuals that creates or evolves into an active shooter incident or complex coordinated terrorist attack (CCTA).

Communicating Risk Effectively in a Food Emergency

The purpose of this presentation is to provide an overview of risk communication and the guidelines and strategies for developing effective risk communication in a food emergency.

Overview of the RTIPP Process

The purpose of this presentation is to provide an overview of the seven steps in the Readiness: Training Identification and Preparedness Planning process. The RTIPP process assists jurisdictions efficiently plan and schedule training that is relevant to community preparedness. It is critical that agencies within a jurisdiction plan and train together so they can respond effectively when an incident occurs. In an all hazards, whole community approach, public sector agencies, private sector organizations, and nongovernmental organizations all play a role in preparedness.

Document Inspection Process

The purpose of this presentation is to review the process and considerations for the inspection of identity documentation. This course provides participants with the skills to evaluate the authenticity of identification documents and ensure that documents are lawfully possessed. It also provides tools and techniques that participants can use during the interview process to identify imposters and to examine identification documents that subjects present to them.

Refreshing Your Jurisdictional Profile

The purpose of this presentation is to provide guidance on how emergency planners can understand and enhance their jurisdictional profiles. Constantly changing communities must plan for threats and their associated needs must be consistently and continuously reviewed. Response communities, resource groups, and critical infrastructure must also be identified within the established geographic region.

Behavioral Considerations for Document Inspection

The purpose of this presentation is to review some of the behavioral considerations for the inspection of identity documentation. This course provides participants with the skills to evaluate the authenticity of identification documents and ensure that documents are lawfully possessed. This course provides a professional and comprehensive examination of overt and covert security features of genuine current state drivers licenses and federal travel documents. It also provides tools and techniques that participants can use during the interview process to identify imposters and to examine identification documents that subjects present to them.

Preparedness Tools

The purpose of this presentation is to provide an overview of the documents that planning teams should refer to when completing a readiness assessment. By evaluating their abilities to meet their emergency operations plan (EOP) using traditional and national preparedness tools, participants learn that agencies that plan and train together are much better equipped to successfully respond together.

Terrorist Preoperational Planning

The purpose of this presentation is to provide an overview of the preoperational activities leading up to a planned terrorist attack. Preoperational Planning can be done secretly and remotely, over several months or years. This presentation identifies those preoperational behaviors so that participants can learn to better recognize suspicious activities that could indicate a terrorist attack.

Facial Image Comparison

The purpose of this presentation is to outline the practical steps of facial image comparison when examining photo identification documents. This course provides participants with the skills to evaluate the authenticity of identification documents and ensure that documents are lawfully possessed. The course provides techniques participants can use during the interview process to identify imposters that include comparing the face of the person presenting the document to the photograph on the document, Identifying the principal features of the subject's face to see if it matches the photograph, and more.

Assessment Team Check-Up

The purpose of this presentation is to teach emergency planners how to ensure that their training assessment team includes members that adequately represent the jurisdiction. Team members from the whole community will be responsible for completing the assessment process. The team will analyze response capabilities to identify training needs, develop training goals for the jurisdiction, identify training sources, and create a multiyear training plan.

Consolidating Training Needs

The purpose of this presentation is to illustrate the benefits of consolidating training needs into a jurisdictional multiyear training plan. This plan provides opportunities for interagency collaboration and training. It allows jurisdictions to train with other agencies or jurisdictions that will be responding during an emergency. Consolidating several agencies' needs into one jurisdiction-wide training plan allows agencies with common training goals to work together, share resources, and provide each other with help and support. Multidisciplinary training can lead to a better-informed, better-connected response community, and a far more successful response.

Door Barricading

The purpose of this presentation is to provide demonstrations of effective door barricading techniques. During an active threat incident, it is important for individuals to place as many obstacles and time-consuming barriers between themselves and the threat as possible. Taking steps to impede or stop the progress of a threat could increase survivability and save lives. Participants are encouraged to apply principles from this course to plans and procedures in their workplaces.

Establishing a Baseline

The purpose of this presentation is to provide guidelines on how to establish a baseline for area observation. Emergency responders, security professionals, security support staff, and the public must work together to identify suspicious objects, substances, and people. To find something abnormal or suspicious first requires an understanding of the normal or expected. This is called establishing a baseline for the area or event.

	NATIONAL CENTER FOR BIOMEDICAL RESEARCH AND TRAINING COURSE NAME **Webinars**		
	Alternate Care Sites		
	Breaking the Chain: Preventing the Spread of Surface Contamination		
	CDC Sequence for Donning and Doffing PPE		
	COVID–19 Roll Call Training		
	Demobilization in a Pandemic		
	EOC Operations During Social Distancing		
	First Responder PPE Guidelines		
	Handling COVID–19 Exposed Evidence		
	Mass Fatality Management		
	Officer Safety: Time, Distance and Shielding		
	Responder Wellness During COVID–19		
	Safer at Home		
	Time, Distance, Shielding – D.U.I.		
	Time, Distance, Shielding – B.U.I. on Water		
	After Action Reports/Improvement Plans During a Pandemic		
	Fourth Generation Nerve Agents		

Alternate Care Sites

The presentation includes information on setting up alternative care sites and how alternative sites can relieve some of the burden on hospitals.

Breaking the Chain: Preventing the Spread of Surface Contamination

This short video demonstrates the ease and prevalence of potential contamination by following the chain of contamination through ordinary, daily activities. The video also provides concrete, CDC–approved techniques that can help curb the spread of germs and contagious particles.

CDC Sequence for Donning and Doffing PPE

This 6–minute video walks viewers step–by–step through the guidelines prescribed by the CDC for donning and doffing a gown, mask/respirator, face shield, and gloves.

COVID–19 Roll Call Training

This video provides information on how officers can keep themselves safe before, during, and after contact with others in the course of their job. It also addresses steps officers can take at the end of a shift to go home safely.

Demobilization in a Pandemic

LSU NCBRT/ACE created the Demobilization in a Pandemic webinar to help individuals understand demobilization plans and procedures for jurisdictions, agencies, and departments under federal guidance during a pandemic. This webinar will explain the importance of plans, procedures and documentation during a major public health disaster such as a pandemic and how that affects the U.S. response at the federal, tribal, state and local levels.

EOC Operations During Social Distancing

This webinar features protocol during social distancing for Emergency Operations Centers.

First Responder PPE Guidelines

This 11–minute video provides an overview of protective gear available to responders for outbreak response. It addresses how the gear protects people, what its limitations may be, and techniques for properly donning and doffing PPE so responders can adequately protect themselves.

Handling COVID–19 Exposed Evidence

These two videos will highlight the proper precautions to take when conducting a crime scene investigation where the scene and the evidence are contaminated by COVID–19. The first video provides an overview of safely collecting and storing contaminated evidence, maintaining chain of custody, using exposed evidence in a court room, decontaminating evidence, and lab analyst protections. The second video lays out step–by–step procedures for safely collecting and packaging latent fingerprint, hair and fiber, serological, soil trace, impression, and document evidence.

Mass Fatality Management

This webinar focuses on tactics for managing fatalities resulting from COVID–19. This webinar will focus on how handling fatalities during a pandemic can differ from other types of disasters. It will also provide considerations for managing mass fatalities such as the storage of remains and methods of identification to assist in repartition to families.

Officer Safety: Time, Distance and Shielding

This animated video serves as a visual tool for highlighting the proper precautions that officers and emergency responders should take when performing their day–to–day operations during the COVID–19 pandemic.

Responder Wellness During COVID–19

In this webinar, LSU NCBRT/ACE examines aspects of COVID–19 that may cause anxiety or stress for the responder community. The video also offers techniques that responders can practice to help manage or mitigate that anxiety.

Safer at Home

This short video provides tips for emergency responders on how to ensure that they are protecting themselves, their families and their homes from COVID–19 exposure after a shift.

Time, Distance, Shielding – D.U.I.

In this short video, LSU NCBRT/ACE provides personal protective measure best practices that help minimize the spread of viral pathogens while conducting a field sobriety test.

Time, Distance, Shielding – B.U.I. on Water

In this short video, LSU NCBRT/ACE has partnered with NASBLA to provide personal protective measure best practices that help minimize the spread of viral pathogens while conducting the seated battery of standardize field sobriety testing (SFST).

After Action Reports/Improvement Plans During a Pandemic

This is a two-part webinar on after action plans/improvement plans in a pandemic response. Part 1 provides a basic understanding of after-action reports/improvement plans, or AAR/IPs, during a major disaster such as a pandemic. We will discuss the key issues to address and some basic steps to use when writing an AAR/IP. The presentation will also define after-action reports/improvement planning and their importance for documentation and continued improvement activities during a pandemic response. We will identify how conducting an after-action report for infectious diseases, which are long-term, complex incidents, varies from AAR/IP reporting for other incidents.

In Part 2, we will focus on the mechanics of writing the report: what to include in the report, what sources may be used to obtain that information, and how to use the templates available for writing the report. It will also include a review of AAR/IPs written for the pandemic response to the H1N1 pandemic at the local, state, and federal level.

Fourth Generation Nerve Agents

Ihis video provides the viewer information regarding fourth generation nerve agents (FGA). After viewing, you will understand FGA mechanisms of toxicity, signs and symptoms of FGA poisoning, medical countermeasures, and immediate protective actions to prevent further contamination.

	NATIONAL CENTER FOR BIOMEDICAL RESEARCH AND TRAINING COURSE NAME **Micro Modules en Español**		
	Atención de Amenaza Directa Aplicación de Torniquete		
	CAN Y SIM		
	Formaciones de equipos de rescate		
	Movimiento Para Hacer Contacto		
	Negociar Puertas		
	Presión Directa		
	Principios Y Prioridades del Equipo de Contacto		
	Taponamiento de Heridas		
	Zonas de Operacion Durante una Amenaza Activa		

Atención de Amenaza Directa Aplicación de Torniquete

El propósito de esta presentación es para recordarle al personal de respuesta a emergencias los principios clave de la aplicación de torniquetes en un entorno de atención directa a amenazas.

CAN Y SIM

El propósito de esta presentación es recordarle al personal de respuesta a emergencias los principios clave de los informes CAN (Condiciones, Acciones y Necesidades) y el uso de SIM (Seguridad, plan de acción Inmediata, intervención Médica) durante un incidente de amenaza activa. Estos principios pueden ayudar a los socorristas a identificar necesidades y responder rápidamente a incidentes de amenazas activas.

Esta presentación se creó utilizando contenido del PER–335 de NCBRT, *Toma de decisiones críticas para ataques coordinados complejos,* y PER–340, *Curso de respuesta integrada a amenazas activas.*

Formaciones de equipos de rescate

El propósito de esta presentación es proporcionar al personal de respuesta a emergencias un recordatorio informativo de los principios clave que rodean la formación y respuesta de un Grupo de trabajo de rescate (RTF) en un incidente de tirador activo o amenaza activa.

Esta presentación se creó utilizando contenido de PER–275 de NCBRT, *Respuesta de emergencia de tirador activo de aplicación de la ley,* y PER–340, *Curso de respuesta integrada a amenazas activas.*

Movimiento Para Hacer Contacto

El micro módulo Movimiento para hacer contacto proporciona a los servicios de emergencia una descripción general o un repaso de los principios clave para el movimiento del equipo a medida que avanzan para mitigar una amenaza activa. Esta presentación analiza los tamaños y configuraciones de los equipos, así como las ventajas y desventajas de algunos de los más comunes.

Negociar Puertas

Esta presentación proporciona a los servicios de emergencia una descripción general o un repaso de los principios clave para negociar puertas abiertas y cerradas mientras limpian las habitaciones durante una situación de amenaza activa. Cuando los socorristas ingresan a la habitación, deben moverse rápida y decisivamente a través de la puerta y prepararse para enfrentar la amenaza.

Presión Directa

El propósito de esta presentación es recordarle a los servicios de emergencia los principios clave para aplicar presión directa a las lesiones sufridas durante un incidente de amenaza activa cuando los torniquetes pueden que no sean una opción.

Esta presentación se creó utilizando contenido del PER–340, *Curso de respuesta integrada a amenazas activas* de NCBRT.

Principios Y Prioridades del Equipo de Contacto

Esta presentación abordará los conceptos, principios y prioridades del equipo de contacto. Estos incluyen entradas de oficiales en solitario, evitando a los heridos y dirigiendo a los respondedores de seguimiento.

Esta presentación se creó utilizando contenido de PER–275 de NCBRT, *Respuesta de emergencia de tirador activo de aplicación de la ley,* y PER–340, *Curso de respuesta integrada a amenazas activas.*

Taponamiento de Heridas

El propósito de esta presentación en video es brindar a los servicios de emergencia una descripción general o un repaso de los principios clave del Taponamiento de heridas. El taponamiento de heridas se realiza durante la fase de atención de amenazas indirectas de un incidente cuando no hay una amenaza activa. Puede usarse para controlar el sangrado severo en lugares donde los torniquetes no son efectivos, como el sangrado cerca de la unión del torso y una extremidad.

Zonas de Operacion Durante una Amenaza Activa

Las zonas de operación se definen por el nivel relativo de amenaza. Estas designaciones determinan dónde se permite operar ciertas acciones y personal específico. Como resultado, y para una respuesta más segura y eficiente, identificamos y etiquetamos áreas en la escena en base a nuestro conocimiento de las amenazas potenciales en cada una de esas áreas. Hacemos esto asignando identificadores: la zona caliente, las áreas de mayor riesgo; la zona cálida, zona de riesgo intermedio; y la zona fría, áreas de menor riesgo con respecto al incidente.

Esta presentación se creó utilizando contenido del PER–340, *Curso de respuesta integrada a amenazas activas* de NCBRT.

	NATIONAL CENTER FOR BIOMEDICAL RESEARCH AND TRAINING COURSE NAME **Webinars en Español**		
	Capacitación de Covid–19 Roll Call		
	CDC Secuencia para Ponerse y Quitarse EPP		
	Desmovilización en una pandemia		
	El manejo de COVID–19 de evidencia expuesta		
	Manejo De Fatalidades Masivas		
	Mas Seguros en su Casa		
	Operaciones del EOC durante el distanciamiento social		
	Pautas de EPP para Personal de Respuesta		
	Romper la Cadena: Evitar la Propagacion de la Contaminacion Superficial		
	Salud del Respondedor Durante COVID–19		
	Seguridad del Oficial: Tiempo, Distancia, Proteccion		
	Sitios de Atención Alternativos		

Capacitación de Covid–19 Roll Call

Para garantizar la seguridad de los oficiales durante la crisis del COVID–19, este video de capacitación de 18 minutos para las fuerzas del orden, ofrece información sobre cómo los oficiales pueden mantenerse seguros antes, durante y después del contacto con otros en el curso de su trabajo. También aborda los pasos que los oficiales pueden tomar al final de un turno para proteger a sus seres queridos.

CDC Secuencia para Ponerse y Quitarse EPP

Un video de 6 minutos que guía a los espectadores paso a paso a través de las pautas prescritas por los CDC para ponerse y quitarse un vestido, máscara / respirador, protector facial, y guantes.

Desmovilización en una pandemia

LSU NCBRT / ACE creó el seminario web Desmovilización en una pandemia para ayudar a las personas a comprender los planes y procedimientos de desmovilización para jurisdicciones, agencias y departamentos bajo la guía federal durante una pandemia. Este seminario web explicará la importancia de los planes, los procedimientos y la documentación durante un desastre de salud pública importante, como una pandemia, y cómo eso afecta la respuesta de los EE. UU. A nivel federal, tribal, estatal y local.

El manejo de COVID–19 de evidencia expuesta

Estos dos videos resaltarán las precauciones apropiadas a tomar al llevar a cabo una investigación de la escena del crimen donde la escena y las evidencias están contaminadas por COVID–19. El primer video proporciona una visión general de la recopilación y almacenamiento seguro de evidencias contaminadas, el mantenimiento de la cadena de custodia, el uso de evidencias expuestas en una sala de la corte, la descontaminación de evidencias y las protecciones de los analistas de laboratorio. El segundo video establece procedimientos paso a paso para recolectar y empaquetar de forma segura huellas dactilares latentes, cabello y fibra, serológicos, rastros de suelo, impresiones y documentos de evidencia.

Manejo De Fatalidades Masivas

Este seminario web se centra en las tácticas para manejar las muertes resultantes de COVID–19. Este seminario web se centrará en cómo el manejo de las muertes durante una pandemia puede diferir de otros tipos de desastres. También proporcionará consideraciones para el manejo de muertes masivas, como el almacenamiento de restos y métodos de identificación para ayudar en la distribución a las familias.

Mas Seguros en su Casa

Diseñada para aquellos cuyas profesiones exigen que se pongan en mayor riesgo de contraer COVID–19, esta presentación en vídeo de 3 minutos y medio introduce varias medidas de seguridad que los respondedores de emergencia y otro personal esencial pueden utilizar antes y después de los turnos para minimizar el riesgo de introducir el coronavirus en sus hogares.

Operaciones del EOC durante el distanciamiento social

LSU NCBRT/ACE presenta este webinario que incluye los protocolos durante el distanciamiento social para los Centros de Operaciones de Emergencia.

Pautas de EPP para Personal de Respuesta

Este vídeo de 11 minutos ofrece una visión general del equipo de protección disponible para los respondedores para la respuesta al brote. Aborda cómo el equipo protege a las personas, cuáles pueden ser sus limitaciones y las técnicas para ponerse y quitarse EPP para que los respondedores puedan protegerse adecuadamente.

Romper la Cadena: Evitar la Propagacion de la Contaminacion Superficial

Este breve video demuestra la facilidad y la prevalencia de la contaminación potencial siguiendo la cadena de contaminación a través de las actividades diarias ordinarias. El video también proporciona técnicas concretas aprobadas por los CDC que pueden ayudar a frenar la propagación de gérmenes y partículas contagiosas.

Salud del Respondedor Durante COVID–19

En este seminario web, LSU NCBRT/ACE examina aspectos de COVID–19 que pueden causar ansiedad o estrés para la comunidad de respondedores. El video también ofrece técnicas que los respondedores pueden practicar para ayudar a manejar o mitigar esa ansiedad.

Seguridad del Oficial: Tiempo, Distancia, Proteccion

Este video animado sirve como una herramienta visual para destacar las precauciones adecuadas que los oficiales y los respondedores de emergencia deben tomar al realizar sus operaciones diarias durante la pandemia de COVID–19.

Sitios de Atención Alternativos

La presentación incluye información sobre la creación de sitios de atención alternativos y cómo los sitios alternativos pueden aliviar parte de la carga para los hospitales.

National Emergency Response and Recovery Training Center

Texas A&M Engineering Extension Service (TEEX)

The National Emergency Response and Recovery Training Center (NERRTC) was established in 1998 as part of the NDPC and approved in 2000 by the Federal Emergency Management Agency (FEMA) as a national disaster response center. NERRTC's mission is to design, develop, and deliver training, exercises, and technical assistance for the nation's emergency responders. NERRTC combines traditional classroom work, small group instruction, field exercises, participant activities, case studies and vignettes, multimedia scenarios, and computer–aided training and exercise simulations to train individuals and jurisdictions.

NERRTC assists and plays a major role in establishing and maintaining DHS/FEMA's concept of "culture of preparedness" and has sharpened its focus on that concept by incorporating an "all–of–nation"/"whole community," risk–driven, capabilities–based approach to preparedness, leveraging 50 direct deliveries and 20 online courses. NERRTC provides training in 11 core competency areas: cybersecurity, crisis communications, executive and elected officials education, hazardous materials awareness and operations, health and medical services, incident management, infrastructure protection, search and rescue, threat and risk assessment, public works, and training gap analysis.

teex.org/nerrtc 844.789.5673

COURSE #	NATIONAL EMERGENCY RESPONSE AND RECOVERY TRAINING CENTER COURSE NAME	HRS	CEU	Virtual
AWR–111–W	Basic Emergency Medical Services Concepts for Chemical, Biological, Radiological, Nuclear, and Explosive Events, Web–based	4.0	0.4	
AWR–136	Essentials of Community Cybersecurity	4.0	0.4	X
AWR–138–W	Network Assurance, Web–based	5.0	0.5	
AWR–139–W	Digital Forensics Basics, Web–based	7.0	0.7	
AWR–160	Standardized Awareness Training (SAT)	8.0	0.8	
AWR–160–W	WMD/Terrorism Awareness for Emergency Responders, Web–based	8.0	0.8	
AWR–167	Sport and Special Event Risk Management	16.0	1.6	X
AWR–168–W	Foundations of Cyber Crimes, Web–based	10.0	1.0	
AWR–169–W	Introduction to Cyber Incident Management	10.0	1.0	
AWR–173–W	Information Security Basics, Web–based	13.0	1.3	
AWR–174–W	Cyber Ethics, Web–based	13.0	1.3	
AWR–176–W	Disaster Recovery for Information Systems, Web–based	10.0	1.0	
AWR–177–W	Information Risk Management, Web–based	13.0	1.3	
AWR–178–W	Secure Software, Web–based	9.0	0.9	
AWR–213	Critical Infrastructure Security and Resilience Awareness	8.0	0.8	X
AWR–314–W	Medical Countermeasures Awareness for Public Health Emergencies, Web–based	2.0	0.2	
AWR–330	Whole Community Inclusive Planning	7.0	0.7	
AWR–375–W	Risk Management for After School Activities and Interscholastic Athletics, Web–based	5.5	0.6	
AWR–376	Understanding Targeted Cyber Attacks	8.0	0.8	X
AWR–395–W	Cybersecurity in the Workplace, Web-based	2.0	0.2	
AWR–396–W	Network Security for Homes and Small Businesses, Web-based	2.0	0.2	
AWR–397–W	Cybersecurity for Everyone, Web-based	4.0	0.4	
AWR–399–W	Detecting and Responding to a Cyber Attack, Web-based	4.0	0.4	
AWR–401–W	Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review, Web-based	9.0	0.9	
AWR–408–W	Disaster Recovery Awareness, Web–based	1.5	0.2	
AWR–419–W	Disaster Awareness for Water and Wastewater Utilities, an Introduction, Web-based	2.0	0.2	
MGT–310	Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review (THIRA/SPR)	16.0	1.6	
MGT–312	Senior Officials Workshop for All–Hazards Preparedness	6.0	0.6	X
MGT–314	Enhanced All–Hazards Incident Management/Unified Command	28.0	2.8	
MGT–315	Conducting Risk Assessments for Critical Community Assets	16.0	1.6	
MGT–317	Disaster Management for Public Services	16.0	1.6	X
MGT–318	Public Information in an All–Hazards Incident	16.0	1.6	
MGT–319	Medical Countermeasures: Point of Dispensing (POD), Planning and Response	16.0	1.6	X
MGT–340	Crisis Leadership	4.0	0.4	
MGT–341	Disaster Preparedness for Healthcare Organizations within the Community Infrastructure	16.0	1.6	X
MGT–342	Strategic Overview of Disaster Management for Water and Wastewater Utilities	4.0	0.4	X
MGT–343	Disaster Management for Water and Wastewater Utilities	16.0	1.6	X
MGT–345	Disaster Management for Electric Power Systems	16.0	1.6	X
MGT–346	Emergency Operations Center (EOC) Operations and Planning for All–Hazards Events	16.0	1.6	X
MGT–347	Incident Command System (ICS) Forms Review	4.0	0.4	X
MGT–348	Medical Preparedness and Response for Bombing Incidents	16.0	1.6	
MGT–361	Crisis Management Affecting Institutions of Higher Education: A Collaborative Community Approach	24.0	2.4	
MGT–361–C	Crisis Management Affecting Institutions of Higher Education: A Collaborative Community Approach (Executive)	4.0	0.4	
MGT–384	Community Preparedness for Cyber Incidents	12.0	1.2	X
MGT–404	Sports and Special Events Incident Management	16.0	1.6	
MGT–412	Sport and Special Event Evacuation and Protective Actions	16.0	1.6	X
MGT–414	Critical Infrastructure Resilience and Community Lifelines	8.0	0.8	X
MGT–418	Readiness: Training Identification and Preparedness Planning (RTIPP)	16.0	1.6	

COURSE #	NATIONAL EMERGENCY RESPONSE AND RECOVERY TRAINING CENTER COURSE NAME	HRS	CEU	Virtual
MGT–439	Pediatric Disaster Response and Emergency Preparedness	16.0	1.6	
MGT–440	Enhanced Sports and Special Events Incident Management	24.0	2.4	
MGT–452	Physical and Cybersecurity for Critical Infrastructure	8.0	0.8	X
MGT–456	Integration of Cybersecurity Personnel into the Emergency Operations Center for Cyber Incidents	24.0	2.4	
MGT–466	Sport and Special Event Enhanced Risk Management and Assessment	15.0	1.5	X
MGT–467	Sport and Special Event Public Information and Emergency Notification	16.0	1.6	
MGT–481	Disaster Recovery: A Strategic Overview of the Public Assistance Process	4.0	0.4	
MGT–482	Disaster Recovery Public Assistance Programs, An Introduction	12.0	1.2	
MGT–904	Intermediate ICS for Expanding Incidents (ICS–300)	21.0	2.1	X
MGT–905	Advanced Incident Command System for Complex Incidents (ICS–400)	15.0	1.5	X
MGT–906–1	Incident Command System Curricula, Train–the–Trainer (L449)	40.0	4.0	X
PER–211	Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events	16.0	1.6	
PER–212	Operational Level Response to HazMat/WMD Incidents	24.0	2.4	
PER–212–1	Operational Level Response to HazMat/WMD Incidents, Train–the–Trainer	24.0	2.4	
PER–213	Wide Area Search	24.0	2.4	
PER–320	Personal Protective Measures for Biological Events	8.0	0.8	
PER–334	When Disaster Strikes: Prepare, Act, Survive	12.0	1.2	
PER–352	Active Shooter Incident Management (16–Hour)	16.0	1.6	X
PER–353	Active Shooter Incident Management with Complex Incidents (24–Hour)	24.0	2.4	

AWR–111–W Basic Emergency Medical Services Concepts for Chemical, Biological, Radiological, Nuclear, and Explosive Events, Web–based

HOURS 4.0 CEU 0.4 teex.org/class/awr111 The Basic Emergency Medical Services (EMS) Concepts for CBRNE Events, Web–based, introduces students to medical knowledge relating to Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events. Subjects include signs and symptoms of exposure to CBRNE agents, treatment protocols for contact with these agents, and information about the EMS role in the Incident Command System.

AWR–136 Essentials of Community Cybersecurity

HOURS 4.0 CEU 0.4 The Essentials of Community Cybersecurity (ECCS) course provides individuals, community leaders, and first responders with information on how cyber attacks can impact, prevent, and/or stop operations and emergency responses in a community. The course also provides a cursory introduction to cybersecurity vulnerabilities, risks, threats, and countermeasures. It explains vulnerabilities of computer systems and networks and how these vulnerabilities can affect communities, organizations, and daily workplace operations. The course introduces actions communities can take in establishing a cybersecurity program. The course provides participants with an awareness of issues. It gives an overview of threats and vulnerabilities, without going into too many details, to highlight the potential impact a cyber attack could have. Participants discuss some of the fundamental activities needed to develop a cybersecurity program, without addressing the technical details of how to secure critical infrastructures.

AWR–138–W Network Assurance, Web–based

HOURS 5.0 CEU 0.5 teex.org/class/awr138 The Network Assurance course covers secure network practices necessary to protect networked systems against attacks and exploits. Network security administration topics include firewalls, intrusion detection/prevention, common cryptographic ciphers, AAA (authentication, authorization, and accounting), server and client security, and secure policy generation.

AWR–139–W Digital Forensics Basics, Web–based

HOURS 7.0 CEU 0.7 teex.org/class/awr139 The Digital Forensics Basics course covers investigative methods and standards for the acquisition, extraction, preservation, analysis, and deposition of digital evidence from storage devices. The course offers a wide array of forensics situations that are applicable to the real world. Students will learn how to find traces of illegal or illicit activities left on disk with computer forensics tools and manual techniques, and how to recover data intentionally hidden or encrypted by perpetrators.

AWR–160 Standardized Awareness Training (SAT)

HOURS 8.0 CEU 0.8 This course focuses on training responders to meet the requirements established in the National Fire Protection Association (NFPA) 470 for awareness-level responders (chapters 4 & 5) and the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910.120 (q) (6) (i) (a–f) “First Responder Awareness Level” competencies. This course encompasses an all-hazards approach to Hazardous Materials (HazMat) incidents, including acts of terrorism where WMD materials may have been used. It provides participants the knowledge to recognize the hazardous material, protect themselves, notify others, and secure the scene.

AWR–160–W WMD/Terrorism Awareness for Emergency Responders, Web–based

HOURS 8.0 CEU 0.8 teex.org/class/awr160 This online course focuses on training responders to meet the requirements established in the National Fire Protection Association (NFPA) 470 for awareness-level responders (chapters 4 & 5) and the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910.120 (q) (6) (i) (a–f) "First Responder Awareness Level" competencies. This course encompasses an all-hazards approach to Hazardous Materials (HazMat) incidents, including acts of terrorism where WMD materials may have been used. It provides participants the knowledge to recognize the hazardous material, protect themselves, notify others, and secure the scene.

AWR–167 Sport and Special Event Risk Management

HOURS 16.0 CEU 1.6 In partnership with University of Southern Mississippi's National Center for Spectator Sports Safety and Security (NCS^4), the Sport Event Risk Management course focuses on building capabilities for multi–agency collaboration. Intact incident management teams enhance their basic concepts relative to planning, risk assessment, training, exercising plans, and recovery/business continuity through scenario–based training modules. The sport venue teams will be composed of specialists from five distinct areas: law enforcement, sport venue operations, emergency management, fire/HazMat, and emergency medical/health services. The expectation is for these leadership teams to return to their respective sport venues and coordinate development of a sport event security management system.

AWR–168–W Foundations of Cyber Crimes, Web–based

HOURS 10.0 CEU 1.0 teex.org/class/awr168 The Cyber Law and White Collar Crime course is designed to teach students the fundamentals of computer crime issues from a legal perspective. The training will highlight the various computer crimes and appropriate response by first defenders and others that may encounter these types of issues. Participants learn about legislation and organizational efforts to control or prevent such crimes. The course covers intellectual property law (copyright, trade secrets, unfair competition, and unfair business practices), personal jurisdiction, electronic commerce and software contracts, telecommunications, antitrust, privacy, the right to accuracy of information, the right to access to information, and the First Amendment.

AWR–169–W Introduction to Cyber Incident Management, Web–based

HOURS 10.0 CEU 1.0 teex.org/class/awr169 The Introduction to Cyber Incident Management course covers various incident analysis tools and techniques that support dynamic vulnerability analysis and elimination, intrusion detection, attack protection and network/resources repair. The trainee will be presented with real–world examples and scenarios to help provide knowledge, understanding, and capacity for effective cyber incident analysis and response.

AWR–173–W Information Security Basics, Web–based

HOURS 13.0 CEU 1.3 teex.org/class/awr173 The Information Security Basics course is designed to teach entry and mid–level IT workers the technological fundamentals of information security. The goal of the course is to provide trainees some preliminary knowledge of computer security to help in identifying and stopping various cyber threats. In addition to providing an introduction to information assurance, trainees will also learn general concepts (terminologies), an overview of TCP/IP, introductory network security, introductory operating system security, and basic cryptography.

AWR–174–W Cyber Ethics, Web–based

HOURS 13.0 CEU 1.3 teex.org/class/awr174 The Cyber Ethics course is designed to teach participants the proper techniques with which to approach the difficult ethical dilemmas that arise from using the modern Internet. In addition to providing students with the skills to assess future ethical dilemmas for themselves, Cyber Ethics also looks at some of the more pressing concerns related to Internet usage today. Topics covered include privacy, intellectual property, professional codes of ethics, freedom of speech on the Internet, and issues related to ethical hacking.

AWR–176–W Disaster Recovery for Information Systems, Web–based

HOURS 10.0 CEU 1.0 teex.org/class/awr176 This course trains business managers to respond to varying threats that might impact their organization's access to information. The course provides requisite background theory and recommended best practices needed by managers to keep their offices running during incidents of different types. Topics include an overview of business information continuity, guides for implementing and managing a business information continuity plan, a discussion of technical vulnerabilities faced by organizations, and an examination of legal issues that may confront an organization.

AWR–177–W Information Risk Management, Web–based

HOURS 13.0 CEU 1.3 teex.org/class/awr177 The Information Risk Management course covers topics on information assets, identifying risks, and management processes, highlighting best principles and practices. It will provide training in information risk–related tools and technologies (such as asset evaluation, business impact analysis, risk identification, risk quantification, risk response, security policies, and compliance) for better understanding of potential threats and vulnerabilities in business online, and learning to adopt levels of security measures and best practices.

AWR–178–W Secure Software, Web–based

HOURS 9.0 CEU 0.9 teex.org/class/awr178 The Secure Software course covers secure programming practices necessary to secure applications against attacks and exploits. Topics covered include fundamental concepts of secure software development, defensive programming techniques, secure design and testing, and secure development methodologies.

AWR–213 Critical Infrastructure Security and Resilience Awareness

HOURS 8.0 CEU 0.8 The course focuses on local preparedness efforts as they relate to the national approach to critical infrastructure security and resilience. An understanding of the national approach to critical infrastructure enables critical infrastructure stakeholders to address local planning within a common framework. Informed planning is consistent with and expands on nationally accepted emergency management standards as the basis for planning across the mission areas of prevention, protection, mitigation, response, and recovery.

AWR–314–W Medical Countermeasures Awareness for Public Health Emergencies, Web–based

HOURS 2.0 CEU 0.2 teex.org/class/awr314 Medical Countermeasures Awareness for Public Health Emergencies course is a web–based course that enhances community preparedness by providing awareness–level training on the roles and responsibilities of the local public health community and its partners. The course covers local and federal resources and capabilities that may exist to help provide post–exposure prophylaxis for a large population in response to a catastrophic CBRNE or other public health event. It also reviews actions taken by a local jurisdiction during a public health emergency that require response at the local level and deployment of the Strategic National Stockpile (SNS).

AWR–330 Whole Community Inclusive Planning

HOURS 7.0 CEU 0.7 The Whole Community Inclusive Planning course introduces participants to comprehensive emergency management practices using a whole community approach. Participants will learn about whole community principles, the importance of identifying and integrating community strengths into planning, and study methods to engage and empower community stakeholders. Just as individuals are unique, so are communities. The principles and strategies presented in this course should be applied in ways that fit the needs and capabilities of each unique community.

AWR–375–W Risk Management for After School Activities and Interscholastic Athletics, Web–based

Hours 5.5 CEU 0.6 teex.org/class/awr375 The Risk Management for After School Activities and Interscholastic Athletics course focuses on developing prevention/mitigation, preparedness, and response strategies for after school activities and interscholastic athletic events. Through interactive online learning modules, participants will develop an increased understanding of risk assessment and management, communications, mitigation and planning, professional development, and best practices. The expectation is for participants to gain an awareness–level knowledge of after school activity and interscholastic athletic event risk management techniques.

AWR–376 Understanding Targeted Cyber Attacks

HOURS 8.0 CEU 0.8 This course provides students with a firm understanding of an advanced persistent threat. This knowledge will place them in a better position to plan for and recover from inevitable cyber attacks. This course will fill the gap in threat–specific training for cybersecurity as a community–driven course that will focus on the Advanced Persistent Threat (APT); describing, analyzing and demonstrating the phases of an APT and the attack methods used. The course will also provide participants with prevention, mitigation, and response techniques that correspond with the cyber kill chain and the NIST cybersecurity framework.

AWR–395–W Cybersecurity in the Workplace, Web-based

HOURS 2.0 CEU 0.2 teex.org/class/awr395 The Cybersecurity in the Workplace course introduces students to the importance of cybersecurity and their responsibility in safeguarding their workplace against cyber attacks. Students will gain an understanding of the CIA triad, information at risk, various cyber attacks, and what to do if they think they are a victim of a cyber attack on their work computer or mobile device.

AWR–396–W Network Security for Homes and Small Businesses, Web-based

HOURS 2.0 CEU 0.2 teex.org/class/awr396 Network Security for Homes and Small Businesses provides students an introduction to the basics of home and small business network security and best practices to secure their networks in order to protect their personal information as well as other (friends, family, customers, vendors, etc.) information that may flow through their network.

AWR–397–W Cybersecurity for Everyone, Web-based

HOURS 4.0 CEU 0.4 teex.org/class/awr397 The Cybersecurity for Everyone course provides students a general understanding of cybersecurity risk and best practices for safeguarding their personal devices from cyber attacks. Students will gain an understanding of how to protect their personal computer and the data it stores as well as protect themselves while online, on social media, and using their mobile or smart devices.

AWR–399–W Detecting and Responding to a Cyber Attack, Web-based

HOURS 4.0 CEU 0.4 teex.org/class/awr399 Network Security for Homes and Small Businesses provides students an introduction to the basics of home and small business network security and best practices to secure their networks in order to protect their personal information as well as other (friends, family, customers, vendors, etc.) information that may flow through their network.

AWR–401–W Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review, Web-based

HOURS 9.0 CEU 0.9 teex.org/class/awr401 This course is the web–based alternative to the existing MGT–310 instructor–led course. This course introduces the updated six–step THIRA/SPR process and assists local emergency responders and stakeholders in generating actionable preparedness data that that communities can use to support a variety of emergency management efforts. By following the six–step THIRA/SPR process, stakeholders will better understand their risks and develop approaches to building the capabilities needed to address those risks. THIRA/SPR–informed planning is consistent with and expands on nationally accepted emergency management standards.

AWR–408–W Disaster Recovery Awareness, Web–based

HOURS 1.5 CEU 0.2 teex.org/class/awr408 Implementing a successful recovery strategy is a critical function of disaster management. Recovery is a broad concept, and bouncing back in the wake of a major disaster can be challenging, not just for the community, but for public officials responsible for recovery efforts. Jurisdictions should know where to find recovery guidance, how to plan for and manage recovery operations, and what public assistance is available to their community. This introductory course will explain the basics of these important concepts.

AWR–419–W Disaster Awareness for Water and Wastewater Utilities, an Introduction, Web-based

HOURS 2.0 CEU 0.2 teex.org/class/awr419 This course introduces the various natural and human-caused (accidental or intentional) hazards to which water and wastewater systems may be vulnerable and the potential effects of hazards. Planning for and managing incidents are discussed, as well as disaster mitigation, response, and recovery specific to drinking water and wastewater systems. Participants are guided through portions of the Environmental Protection Agency (EPA) Response Protocol Toolbox (RPTB) to identify steps in the response and recovery processes. Scenarios are presented throughout for an all-hazards incident that affects a utility.

MGT–310 Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review (THIRA/SPR)

HOURS 16.0 CEU 1.6 The Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review (THIRA/SPR) course prepares participants to conduct a community THIRA/SPR. Participant activities focus on the jurisdictional process for determining the ability to respond to human–caused, natural, and technological disasters. Participants will identify threats and hazards of concern, give the threats and hazards context, examine the core capabilities, set capability targets, and apply the results.

MGT–312 Senior Officials Workshop for All–Hazards Preparedness

HOURS 6.0 CEU 0.6 This course provides a forum for senior officials to understand strategic and executive–level issues related to all–hazard disaster preparedness, to share proven strategies and best practices, and to enhance coordination among whole–of–community officials responsible for emergency preparedness, response, and recovery. This 6–hour workshop emphasizes planning, operational coordination, and public information and warning through extensive group discussions and a tabletop exercise utilizing a scenario designed specifically for the local jurisdiction. Participants then develop an action plan to improve the preparedness posture of their community/organization.

MGT–314 Enhanced All–Hazards Incident Management/Unified Command

HOURS 28.0 CEU 2.8 The Enhanced All–Hazards Incident Management/Unified Command course focuses on incident management skills, staff responsibilities, and the related situational awareness and decision–making skills–using a computer–driven training simulation to offer a challenging decision–making environment in an all–hazards scenario. The course focuses on the Incident Command Post (ICP) and the key decision–making requirements within that response node. Participants learn from the cause and effects of incident decisions while working in an ICP using a simulated, notional jurisdiction. This course focuses on three primary processes: planning, resource management, and information management. There are four rigorous, computer–driven emergency response exercises designed to hone both individual and team–building decision–making and incident management skills. This is a residential course hosted at the Brayton Fire Field Emergency Operations Training Center in College Staion, Texas.

MGT–315 Conducting Risk Assessments for Critical Community Assets

HOURS 16.0 CEU 1.6 The Conducting Risk Assessments for Critical Community Assets course compliments the Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review course (MGT–310) by teaching participants to conduct thorough site–specific critical infrastructure risk and vulnerability assessments to enhance development of their jurisdictional THIRA/SPR. Through a combination of classroom presentations, group discussions, and practical field application, participants learn methods to identify and prioritize risks, assess vulnerabilities, estimate consequences, and use the National Preparedness Cycle to mitigate risk. Multidisciplinary participant teams visit and assess critical infrastructure facilities selected by the host jurisdiction, identifying risks, vulnerabilities, consequences, and mitigation options specific to their assigned site. Teams then document their findings, develop an action plan, and present their results to the class.

MGT–317 Disaster Management for Public Services

HOURS 16.0 CEU 1.6 The Disaster Management for Public Services course provides a unique opportunity for public service professionals to extend their knowledge and skills necessary for protecting their communities and infrastructure from potential or actual threats. During the course, participants work together in multidisciplinary teams to apply the course information with their professional experience in a variety of hands–on, small group activities and disaster scenarios. This course brings together emergency management personnel who are expected to identify and mitigate hazards and plan and manage disaster response and recovery efforts within their jurisdictions. The course introduces natural and human–caused disasters to which public services may be vulnerable. The course also explains emergency planning and management and the regulatory systems, documents, and directives that guide disaster response. Response factors, such as hazard control zones, resources, and responder safety are also discussed. Recovery considerations, such as funding assistance and demobilization, are also explained.

MGT–318 Public Information in an All–Hazards Incident

HOURS 16.0 CEU 1.6 This course examines the role of public information in managing an all–hazards incident and provides practical training in crisis communication techniques. This two–day course focuses on public information and warning, the Joint Information System and Joint Information Center, target audiences and messaging, the news and social media, and the crisis communication life cycle and plan. The objective of this course is to prepare community leaders, incident managers, and public information officers to effectively communicate with the public through all available means and to manage the elements of public information during a crisis.

MGT–319 Medical Countermeasures: Point of Dispensing (POD), Planning and Response

HOURS 16.0 CEU 1.6 This course is a guide for local health officials and their partners to coordinate plans to provide mass distribution of medical countermeasures in response to a large-scale public health incident. This course focuses on planning considerations, recommendation to achieve the Centers for Disease Control and Prevention's (CDC's) 48-hour standard for Mass Prophylaxis, and the local community's Mass Prophylaxis and Point of Dispensing (POD) site preparedness. The course material is applicable to pandemic influenza, bio-terrorism, and other public health emergencies.

MGT–340 Crisis Leadership

HOURS 4.0 CEU 0.4 This course uses a variety of case studies, to examine the strategic and executive–level issues related to preparing for, responding to, and recovering from a catastrophic incident. This 4–hour seminar uses the case studies to frame the discussion on ways to overcome challenges in planning, decision–making, crisis communications, associated with a large–scale incident. Using facilitated discussion, the group identifies lessons learned from the senior officials' standpoint, then applies those lessons by developing an individual/jurisdictional action plan designed to enhance their preparedness posture.

MGT–341 Disaster Preparedness for Healthcare Organizations within the Community Infrastructure

HOURS 16.0 CEU 1.6 The course brings together those individuals from the healthcare community who are responsible for ensuring the resiliency of healthcare services during a high consequence or catastrophic event within a jurisdiction. Through a focus on preparedness processes and activities, the course provides an opportunity to acquire the knowledge, skills, and abilities necessary to help them ensure the sustainability of their facilities and organizations during all types of disasters. The course introduces the various natural, technological, and civil hazards to which hospitals and healthcare organizations may be vulnerable, and the potential impacts of those hazards. Federal guidelines and legislation that serve to aid in the preparedness for and response to incidents involving these hazards are discussed, as are current emergency management standards for the hospital community. Participants review response and recovery issues that should be addressed by medical facilities and organizations in preparation for a large scale incident, including identification of critical resources necessary for response and recovery. Essential preparedness activities and the development of a hospital emergency response plan are also discussed, along with the establishment of response strategies based on current capabilities. The course addresses critical infrastructure dependencies, identifies essential planning considerations, and promotes the concept of mutual cooperation as described in the National Response Framework.

MGT–342 Strategic Overview of Disaster Management for Water and Wastewater Utilities

HOURS 4.0 CEU 0.4 The Strategic Overview of Disaster Management for Water and Wastewater Utilities course provides a strategic overview of disaster management for water and wastewater professionals. The course presents information regarding preparing for and responding to natural or man–made disasters that threaten water and wastewater facilities and systems. The course introduces the various natural and man–made (accidental or intentional) disasters to which water and wastewater systems may be vulnerable and the potential effects of disasters. Planning for and responding to disasters that affect drinking water and wastewater systems are also explained. Participants are guided through portions of the Environmental Protection Agency's (EPA) Response Protocol Toolbox (RPTB) to identify steps in the response and recovery processes. Case studies on a variety of disaster incidents, as well as hypothetical situations for water and wastewater incidents, are examined. Participants are also given the opportunity to practice developing a disaster response plan.

MGT–343 Disaster Management for Water and Wastewater Utilities

HOURS 16.0 CEU 1.6 The Disaster Management for Water and Wastewater Utilities course is designed to provide training to water and wastewater professionals on issues concerning preparing for, responding to, and recovering from natural or man–made disasters that threaten water and wastewater facilities and systems. The course introduces the various natural and man–made (accidental or intentional) hazards to which water and wastewater systems may be vulnerable and the potential effects the hazards may induce. Legislation that serves to aid in the planning and response to a natural or man–made incident is discussed along with measures that can mitigate threats to the water and wastewater systems. Participants are guided through portions of the Environmental Protection Agency's (EPA) Response Protocol Toolbox (RPTB) to identify steps in the response and recovery processes. Upon successful completion of the course, participants will be able to identify issues concerning preparing for, responding to, and recovering from incidents affecting water and/or wastewater facilities. Case studies on a variety of disaster incidents, as well as hypothetical situations for water and wastewater incidents, are examined. Participants are also given the opportunity to practice developing a disaster response and recovery plan for a disaster affecting a drinking water or wastewater facility or system.

MGT–345 Disaster Management for Electric Power Systems

HOURS 16.0 CEU 1.6 The Disaster Management for Electric Power Systems course is designed to provide training to electric systems managers, operators, supervisors, and employees to prepare for, protect against, mitigate against, respond to, and recover from threatened or actual natural disasters, acts of terrorism, or other man–made disasters affecting electric power facilities and systems. The course introduces the various natural, technological, and civil hazards to which electric power systems may be vulnerable and the potential effects the hazards may induce. Measures to reduce risk are discussed along with the importance of integrating the full range of capabilities and emergency response organizations when developing a response plan. Participants review the responsibilities of utilities during incident recovery, organize information for presentation to the public and media during an incident, and discuss planning activities involved in disaster planning.

MGT–346 Emergency Operations Center (EOC) Operations and Planning for All–Hazards Events

HOURS 16.0 CEU 1.6 The Emergency Operations Center (EOC) Operations and Planning for All–Hazards Events course trains EOC personnel in the skills necessary to effectively plan for and manage a large–scale incident by applying and implementing an all–hazards, multi–disciplinary, management team approach, with specific emphasis on the planning, resource management, and information management processes. This approach is described in the National Incident Management System's (NIMS) Incident Command System (ICS) and Joint Information System (JIS). The course concludes with a practical application, simulation–supported exercise designed to provide practical experience with the emergency management and decision–making skills necessary to effectively manage an EOC.

MGT–347 Incident Command System (ICS) Forms Review

HOURS 4.0 CEU 0.4 The Incident Command System (ICS) Forms Review course provides a detailed introduction to emergency response supervisors and mid– to upper–level managers to the Incident Command System (ICS) forms used in the development of an Incident Action Plan/Emergency Operations Center–Action Plan (EOC–AP). Participants will examine the primary forms used in an EOC–AP, as well as supporting and other utility forms. In addition, participants will review the planning process and where, within that process, the forms are filled out and by whom. The workshop includes a practical application designed to instruct participants in the development of Specific, Measurable, Action–oriented, Realistic, and Time–based (SMART) control and management objectives.

MGT–348 Medical Preparedness and Response for Bombing Incidents

HOURS 16.0 CEU 1.6 The Medical Preparedness and Response for Bombing Incidents course brings together essential personnel who would be involved in the medical response to an explosive incident. This dual audience/dual level course was developed and is delivered by TEEX/NERRTC and the New Mexico Institute of Mining and Technology (New Mexico Tech) Energetic Materials Research and Testing Center (EMRTC). The course consists of two sections, Management and Planning level and Performance level. The Management and Planning level section focuses on pre–incident indications of bombing incidents, bombing incident scene safety and security, and resource management for bombing incidents. In addition to these topics, the Performance level section focuses on bombing incident injury patterns and treatment, managing the medical response for bombing incidents, and the planning, training, and exercise cycle for bombing incidents. Upon successful completion of the course, participants will be able to deliver and sustain a safe and effective medical response to bombing incidents. Participants will have respect for the destructive potential and dangers associated with medical response to bombings and will be motivated to better prepare their agencies and jurisdictions to respond to this emerging threat.

MGT–361 Crisis Management Affecting Institutions of Higher Education: A Collaborative Community Approach

HOURS 24.0 CEU 2.4 This course examines critical incidents at institutions of higher education that may occur on or significantly impact college and university campuses and their constituencies. This course promotes the philosophy that to successfully manage these incidents, all agencies must work together seamlessly to prepare for, prevent, respond to, recover from, and mitigate the effects of incidents, regardless of cause, size, location, or complexity, in order to reduce the loss of life and property. The course relies heavily on case studies of actual incidents to illustrate effective emergency management techniques. Incident management is thus a comprehensive system, which begins long before a disaster occurs and concludes with revising and exercising plans and procedures for the next disaster.

MGT–361–C Crisis Management Affecting Institutions of Higher Education: A Collaborative Community Approach (Executive)

HOURS 4.0 CEU 0.4 This course is designed for executive and senior leadership within institutions of higher education and senior community stakeholders to support the whole community approach to management of a crisis at their institution. You will learn whole community approach to crisis management utilizing the methods across the areas of prevention, protection, mitigation, response, and recovery as described in the National Incident Management System (NIMS).

MGT–384 Community Preparedness for Cyber Incidents

HOURS 12.0 CEU 1.2 The Community Preparedness for Cyber Incidents course is designed to provide an awareness of how cyber events can impact a community, an Emergency Operations Center, and our daily lives. In this course, participants will discover the roles and responsibilities needed to detect, prevent, and respond to a cybersecurity incident. Using past cyber events, participants will explore how the EOC and community would plan for and manage information and resources needed for a cyber event and understand how cyber incidents can be used to affect, disrupt, and/or complicate emergency responses.

MGT–404 Sports and Special Events Incident Management

HOURS 16.0 CEU 1.6 The Sports and Special Events Incident Management course develops athletic department staff, facility management personnel, campus public safety personnel, emergency response supervisors, and others involved in sports and special event management to better prepare for, manage, and recover from incidents that could occur during a sporting event or other special event. This course was developed in partnership with the University of Southern Mississippi's National Center for Spectator Sports Safety and Security (NCS^4). The course provides participants the skills necessary to effectively identify risk and mitigation strategies; manage incidents by applying and implementing incident management planning and resource management principles through a multi–disciplinary management team approach as described in the National Incident Management System (NIMS); and identify techniques that can improve the resiliency of the event venue. The course has specific emphasis on the unique aspects of response to an incident occurring during a sports and special event, including considerations for business continuity and after–action activities. The course concludes with a practical application, role–play exercise that is customized to the area in which the course is delivered.

MGT–412 Sport and Special Event Evacuation and Protective Actions

HOURS 16.0 CEU 1.6 This course is designed to build capabilities for multi-agency collaboration pertaining to risk management for sport events. It introduces the seven-step sport security risk management process, including the idea of risk management and setting risk management goals for sport events, identifying assets that need protecting and determining risk, implementing planning and mitigation actions, and implementing after-action review for events as well as incidents. Through activity-based training modules, intact security teams will enhance their ability for planning, risk assessment, training, and exercising practices specific to conducting sport events. The expectation is for participants to return to their respective organization and coordinate the development of a sport event security management system.

This course was developed in a partnership effort between The University of Southern Mississippi's National Center for Spectator Sports Safety and Security (USM/NCS4) and the TEEX National Emergency Response and Recovery Training Center (NERRTC).

MGT–414 Critical Infrastructure Resilience and Community Lifelines

HOURS 8.0 CEU 0.8 This course helps to develop a roadmap for progress toward the National Preparedness Goal by facilitating the development of resilience considerations, involving essential community critical infrastructure partners. This stresses the need for infrastructure owner/operator participation in community planning, organizing, equipping, training, and exercising critical infrastructure protection efforts, stressing a whole community approach. To that end, the course relies on practical exercises to reinforce learning objectives and provide participants an opportunity to practice skills necessary to formulate resilience considerations in the local community.

MGT–418 Readiness: Training Identification and Preparedness Planning (RTIPP)

HOURS 16.0 CEU 1.6 Readiness: Training Identification and Preparedness Planning teaches participants how to create effective training plans for their agencies and jurisdictions using an approach that includes the whole community. By evaluating their abilities to meet their emergency operations plans (EOP) using traditional and national preparedness tools, participants can answer the following critical readiness questions:

- How prepared do we need to be?
- How prepared are we?
- How do we prioritize efforts to close the difference?

Agencies that plan and train together are much better equipped to successfully respond together. In this course, participants will learn a jurisdiction training assessment process in which an integrated assessment team creates a jurisdictional profile and evaluates their abilities to fully implement their EOP. Participants will then be able to identify and catalog training goals and identify ways to meet them by prioritizing training efforts, developing improvement plans, and implementing a course of action.

MGT–439 Pediatric Disaster Response and Emergency Preparedness

HOURS 16.0 CEU 1.6 This course prepares students to effectively, appropriately, and safely plan for and respond to a disaster incident involving children, addressing the specific needs of pediatric patients in the event of a community–based incident. Pediatric–specific planning considerations include mass sheltering, pediatric–triage, reunification planning, and pediatric decontamination considerations. This is not a hands–on technical course, but instead a management resource course for stakeholders such as pediatric physicians, emergency managers, emergency planners, and members of public emergency departments like EMS, Fire, Police, Public Health, and Hospitals in the field of disaster response and preparedness work.

MGT–440 Enhanced Sports and Special Events Incident Management

HOURS 24.0 CEU 2.4 This scenario-based course is intended to prepare emergency responders, event management personnel, athletic department personnel, and elected and chief executives who would prepare for and respond to a large-scale incident during sporting or special events. These All-Hazard, simulation-supported emergency response exercises are designed to hone individual and team skills through the perspective of the Incident Command Post, Emergency Operations Center (EOC), and Policy Group. The course uses a multidisciplinary, team-building approach designed to give participants the skills to safely manage an expanding incident, whether natural, human-caused, or technological, within the context of sports and special events. This course is developed and delivered in partnership with the University of Southern Mississippi's National Center for Spectator Sports Safety and Security (USM-NCS4).

MGT–452 Physical and Cybersecurity for Critical Infrastructure

HOURS 8.0 CEU 0.8 The national and economic security of the United States depends on the reliable functioning of critical infrastructure. This course encourages collaboration efforts among individuals and organizations responsible for both physical and cybersecurity toward development of integrated risk management strategies that lead to enhanced capabilities necessary for the protection of our Nation's critical infrastructure. Participants will identify physical and cybersecurity concerns impacting overall infrastructure security posture, examine integrated physical and cybersecurity incidents and the evolving risks and impacts they pose to critical infrastructure, and explore resources that can be applied to improve security within an organization, business, or government entity.

MGT–456 Integration of Cybersecurity Personnel into the Emergency Operations Center for Cyber Incidents

HOURS 24.0 CEU 2.4 The Integration of Cybersecurity Personnel into the Emergency Operations Center for Cyber Incidents course is designed to assist jurisdictions with coordinating and managing response efforts between emergency response organizations and critical infrastructure cybersecurity personnel necessary as a result of a cyber incident. The course will help to ensure traditional emergency management personnel and cybersecurity personnel recognize the importance of working together to mitigate the effects of a cyber incident. To accomplish this, students will be engaged in 2.5 days of exercises of increasing complexity. This course utilizes the Emergency Management Exercise System (EM*ES) incident simulation software, which provides many features resembling or imitating actual incident management systems.

MGT–466 Sport and Special Event Enhanced Risk Management and Assessment

HOURS 15 CEU 1.5 Sports and special events often operate through a principle of open public access or providing fan–friendly environments for high–population densities, which can increase the vulnerability to intentional attacks. In addition, venues and events are recognizable, increasing the potential attractiveness to an adversary. No communities are immune to the natural, technological, or human–caused threats facing their sports and special events. Any disruption to these facilities or events could have major short– and long–term impacts on the sponsoring organization as well as the hosting community: resulting in significant economic and reputation damage. The course goal is to bring together first responders, government, and commercial facilities personnel in an effort to protect these critical pieces of community infrastructure.

MGT–467 Sport and Special Event Public Information and Emergency Notification

HOURS 16.0 CEU 1.6 The Sport and Special Event Public Information and Emergency Notification course brings planners; operators; communication professionals; and government, public safety, and marketing professionals together in an effort to prepare and/or enhance venue and event communication programs. The methodologies and techniques used to deliver timely and accurate information in a complex, dynamic information environment is challenging to any community or organization hosting a mass gathering. The course prescribes best practices to common communication pitfalls and provides flexible and scalable solutions to a wide range of scenarios. The training leverages a combination of exercises, discussions, and activities to optimize participant experience.

MGT–481 Disaster Recovery: A Strategic Overview of the Public Assistance Process

HOURS 4.0 CEU 0.4 This Disaster Recovery course provides a strategic overview of the FEMA Public Assistance Process that is essential to disaster recovery for local communities. The FEMA Public Assistance Process provides funding for local governments and eligible Private Non-Profit organizations to conduct effective long-term recovery. Unfortunately, many jurisdictions do not have a good understanding of this process and thereby fail to obtain, and retain, all the recovery revenue the community is eligible for. This course will provide senior leaders and staff planners with the key elements, milestones, and pitfalls to avoid when guiding a local jurisdictions recovery plans and operations.

MGT–482 Disaster Recovery Public Assistance Programs, An Introduction

HOURS 12.0 CEU 1.2 This course will provide an introduction to the FEMA Public Assistance Programs to help local jurisdictions better understand recovery and improve preparedness for the next disaster. Front-line jurisdiction leaders and staff members will learn information to better assist their communities and eligible Private Non-Profit partners to prepare for and recover from disasters. Instructors will facilitate an understanding of how to identify and navigate disaster recovery resources by guiding students through the FEMA Public Assistance Process, providing best practices while avoiding major pitfalls. Many local jurisdictions lack a robust understanding of these processes and thereby fail to obtain, and retain, all the recovery revenue the community is eligible for. This course helps prepare communities to maximize recovery resources in a compliant manner thereby ensuring effective long-term recovery from disaster.

MGT–904 Intermediate ICS for Expanding Incidents (ICS–300)

HOURS 21.0 CEU 2.1 The Intermediate ICS for Expanding Incidents course provides training on and resources for personnel who require advanced application of the Incident Command System (ICS). The course expands upon information covered in Introduction to Incident Command System (ICS–100) and ICS for Single Resources and Initial Action Incidents (ICS–200). Topics covered in the course include ICS staffing and organization, reporting and working relationships, information flow, transfer of command, unified command functions in a multi–jurisdictional or multi–agency incident, ICS forms, resource management, and interagency mission planning and procurement.

MGT–905 Advanced Incident Command System for Complex Incidents (ICS–400)

HOURS 15.0 CEU 1.5 The Advanced Incident Command System for Complex Incidents is designed to provide training and resources for personnel who require advanced application of the Incident Command System (ICS). The course expands upon information covered in Introduction to Incident Command System (ICS–100), ICS for Single Resources and Initial Action Incidents (ICS–200), and Intermediate ICS for Expanding Incidents (ICS–300). Topics include a fundamental review for Command and General Staff, major and/or complex incident/event management, area command, multi–agency coordination, and final tabletop exercise.

MGT–906–1 Incident Command System Curricula, Train–the–Trainer (L449)

HOURS 40.0 CEU 4.0 The Incident Command System Curricula, Train–the–Trainer course prepares participants to deliver the FEMA Emergency Management Institute's ICS curricula. While the Introduction to Incident Command System (ICS–100) and ICS for Single Resources and Initial Action Incidents (ICS–200) courses are addressed, the major emphasis is on Intermediate ICS for Expanding Incidents (ICS–300) and Advanced ICS Command and General Staff–Complex Incidents (ICS–400). This course is intended for experienced personnel who are conversant and subject matter experts in ICS–100, –200, –300 and –400 curricula. The course is intended to reinforce the multi–discipline team approach and instructional techniques.

PER–211 Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events

HOURS 16.0 CEU 1.6 This course addresses chemical, biological, radiological, nuclear, and explosive (CBRNE) events using facilitated discussions, small group exercises, hands-on activities, and task-oriented practical applications. Course participants will use both state-of-the-art adult and pediatric human patient simulators to promote critical thinking skills while utilizing the RAPID – Care concept. The course covers planning for and responding to a Hazardous/Active Threat Environment. Participants will learn about personal protective measures and equipment, decontamination, triage and medical care of casualties during a CBRNE incident, a complex coordinated terrorist attack, or an active shooter/hostile event. approach.

PER–212 Operational Level Response to HazMat/WMD Incidents

HOURS 24.0 CEU 2.4 This course focuses on the unique personal protection challenges that responders face during a weapons of mass destruction (WMD)/terrorist incident or a hazardous materials incident. PER-212 is based on NFPA 470 (2022) consensus standard operations-level core competencies and personal protective equipment (PPE) mission specific competency, as well as OSHA (29 CFR 1910.120) and EPA (40 CFR Part 311) response regulations. PER-212 provides the knowledge and skills needed to obtain certification through the National Professional Qualifications System (NPQS/ProBoard) as an operations-level responder.

PER–212–1 Operational Level Response to HazMat/WMD Incidents, Train–the–Trainer

HOURS 24.0 CEU 2.4 The Operational Level Response to HazMat/WMD Incidents, Train–the–Trainer course (PER–212–1) focuses on training qualified candidates to teach the Operational Level Response to HazMat/WMD Incidents (PER–212) course under a TEEX memorandum of agreement (MOA). Upon completion, participants will be prepared to teach responders in their jurisdiction how to respond to a hazardous materials/weapons of mass destruction (WMD) incident and how to preclude the spread of the hazard to the public and the environment using the PER–212 course curriculum.

PER–213 Wide Area Search

HOURS 24.0 CEU 2.4 Through facilitated discussion, case studies, tabletop exercises, and hands on activities, participants will learn how to plan for and conduct operations during mass search and rescue events. Specific topics include collecting, analyzing, and processing intelligence; formulating search strategies; conducting search operations; managing resources; utilizing technology in search; and documenting search efforts. While designed for events of large scale the concepts also apply to wilderness search and other events which involve coordinating search and rescue resources from multiple agencies. The instructor cadre are experienced emergency responders who have actively utilized wide area search techniques during some of the Nation's largest and most challenging operations including hurricanes, tornadoes, floods, earthquakes, terrorist events, other large-scale search incidents that required these same comprehensive strategies.

PER–320 Personal Protective Measures for Biological Events

HOURS 8.0 CEU 0.8 This course focuses on the challenges faced by first responders and clinical health care professionals in pre-hospital and hospital environments as they deal with Personal Protective Equipment (PPE) needs and potential contamination issues while dealing with highly infectious diseases. Personal Protective Measures for Biological Events provides students with an overview of personal protective equipment (PPE) and includes an experiential learning activity (ELA) practicing donning and doffing PPE Level C. Additionally, there is a review of the different types of decontamination and an ELA practicing technical decontamination.

PER–334 When Disaster Strikes: Prepare, Act, Survive

HOURS 12.0 CEU 1.2 This course is designed to teach individuals and families how to prepare for, survive during, and recover from a disaster. The course follows a me, we, they approach to prepare participants to care for themselves, their families, and their communities. The instructors lead participants through a mixture of discussion, hands-on activities, and practical exercises to make learning interactive. Participants will learn how to prepare for a disaster and to aid in the rescue of community members, as appropriate. The target audience encompasses the whole community including but not limited to church groups, volunteer fire departments, Community Emergency Response Teams (CERT), youth groups, American Red Cross (ARC), Non-Governmental Organizations (NGO), and members of the general community who may someday find themselves in the impact zone of an incident and in the absence of emergency responders.

PER–352 Active Shooter Incident Management (16–Hour)

HOURS 16.0 CEU 1.6 The ASIM course shows Law Enforcement, Fire, and EMS personnel how to be faster, work as one team, and save every life that can be saved in Active Shooter Events. This intensive 2–day, hands–on course trains a model framework for managing active shooter incidents that is focused on speed. Participants learn and then perform in seven (7) increasingly difficult scenarios, rotating through numerous roles such as Command, Law Enforcement Branch, Medical Branch, Tactical, Triage, Transport, Staging, Intelligence, and others. The full–scale scenarios start with dispatch of responders and continue through last patient transported or beyond. A hotwash with performance data measures is conducted after each scenario to identify lessons learned and improvements to apply in the next scenario. The first scenario is a single, easy–to–neutralize shooter with fewer than 6 wounded persons. Scenarios increase in difficulty to include dozens wounded, multiple attackers, and simultaneous attack of multiple sites (i.e. Complex Coordinated Attack). Topics include the profile of a typical active shooter event, model response framework, incident management, integrating law enforcement and medical teams down range, contact teams, rescue task force, staging, communications, intelligence, public information, reunification, and more. The target audience is 55 participants: 30 law enforcement, 20 fire/EMS, 3 dispatch, and 2 PIOs.

PER–353 Active Shooter Incident Management with Complex Incidents (24–Hour)

HOURS 24.0 CEU 2.4 This course provides a model framework to improve incident management and the integration of law enforcement, fire and EMS, public safety communications, public information officers, and emergency management responders during active shooter event response, improving time to threat neutralization, medical intervention, and survivability of victims. This is an integrated response course for a cross-discipline audience. The framework utilizes the Active Shooter Incident Management Checklist™, a validated and recognized National Standard for active shooter event response, integrating best practices guided by principles of the National Incident Management System (NIMS), Tactical Emergency Casualty Care (TECC), and Advanced Law Enforcement Rapid Response Training (ALERRT). Participants will learn organizational building blocks for an integrated response including Contact Team, Rescue Task Force, Tactical, Perimeter, Triage, Transport, Intelligence, and Reunification through progressively challenging full-length Active Shooter Event functional exercises utilizing the multi-responder NIMSPro TM 3D virtual reality simulator in multiple response roles. The course also introduces participants to Complex Coordinated Attacks (CCA) which includes the complexities of improvised explosive devices; an attacker who becomes static, barricades, or takes hostages; and a multi-modal CCA.

Note: This course has certain criteria for classroom size and electrical requirements that must be met prior to scheduling. Scheduling coordinators will work with the requesting entity to determine compliance.

NNSA/CTOS–Center for Radiological/Nuclear

CTOS–Center for Radiological/Nuclear Training program located at the Nevada National Security Site (NNSS) is the consortium's lead partner for Radiological/Nuclear Weapons of Mass Destruction Counter Terrorism training. A founding member of the National Domestic Preparedness Consortium (NDPC), CTOS has proudly trained First Responders since its inception in 1998. CTOS training prepares state, local, and tribal responders to take immediate, decisive action in preventing or responding to terrorist use of a radiological/nuclear weapon of mass destruction (WMD).

CTOS conducts realistic hands–on training using actual radioactive material through Mobile Training Teams across the United States and territories. We also offer training at the Nevada National Security Site (NNSS), formerly the Nevada Test Site located 65 miles northwest of Las Vegas, Nevada. The NNSS environment provides realistic radiological/nuclear training scenarios and is a unique and exclusive learning opportunity for the First Responders. Operating under the oversight of the U.S. Department of Energy's National Nuclear Security Administration and funded through U.S. Department of Homeland Security, CTOS is proud to serve the Nation's First Responder community.

ctosnnsa.org 877.963.2867

COURSE #	NNSA/CTOS–CENTER FOR RADIOLOGICAL/NUCLEAR TRAININGCOURSE NAME	HRS	CEU	Virtual
AWR–140	Introduction to Radiological/Nuclear WMD Operations	4.0	0.0	X
AWR–140–1	Introduction to Radiological/Nuclear WMD Operations Train–the–Trainer Course	7.0	0.0	
AWR–140–W	Introduction to Radiological/Nuclear WMD Operations, Web–based	4.0	0.0	
AWR–346	Introduction to Radiological/Nuclear WMD Operations for Law Enforcement	4.0	0.0	X
AWR-350-W	Hospital Radiological Emergency Operations: Hospital Operation Plan	7.0	0.0	X
AWR–400–W	Radiological Dispersal Device (RDD) Response Guidance: Planning for the First 100 Minutes	2.0	0.0	X
AWR–410–W	Hospital Radiological Emergency Operations: Hazards and Countermeasures	1.0	0.0	X
AWR–411–W	Hospital Radiological Emergency Operations: Personal Protective Equipment	1.0	0.0	X
AWR–412–W	Hospital Radiological Emergency Operations: Pre-arrival and Recovery	1.0	0.0	X
MGT–469	Radiological Dispersal Device (RDD) Response Guidance – Train the Planner	14.0	0.0	
PER–243	PRND Primary Screener/Personal Radiation Detector (PRD)	7.0	0.0	
PER–243–1	PRND Primary Screener/Personal Radiation Detector (PRD) Train-the-Trainer	21.0	0.0	
PER–245	PRND Secondary Screener/Radio-Isotope Identification Device (RIID)	7.0	0.0	
PER–246	PRND Backpack Operations for the Primary Screener	4.0	0.0	
PER–307	Introduction to Nuclear Device Effects and Response Strategies	4.0	0.0	
PER–307–W	Introduction to Nuclear Device Effects and Response Strategies, Web–based	3.0	0.0	
PER–318	Preventive Radiological/Nuclear Detection (PRND) Team Operations	28.0	0.0	
PER–332	Population Monitoring at Community Reception Centers	7.0	0.0	
PER–345	Radiation Instruments Operations	4.0	0.0	X
PER–348	Response to a Radiological Dispersal Device (RDD) - Overview and Implementation of the First 100 Minute Guidance	7.0	0.0	
PER–350	Preventive Radiological/Nuclear Detection Maritime Operations	21.0	0.0	
PER–351	Preventive Radiological/Nuclear Detection Team Leader	14.0	0.0	
PER–354	Response to Radiological/Nuclear WMD Incidents	24.0	0.0	
PER–355	Radiation Instruments Employment	4.0	0.0	
PER–370	Hospital Radiological First Receivers: Detecting Radioactive Contamination	7.0	0.0	
PER–388	Radiological Operations Support Specialist (ROSS)	28.0	0.0	
PER–415	Radiological Operations Support Specialist (ROSS) Nuclear Detonation Practical Assessment	14.0	0.0	
PER–416	Radiological Operations Support Specialist (ROSS) Radiological Dispersal Device (RDD) Practical Assessment	14.0	0.0	

AWR–140 Introduction to Radiological/Nuclear WMD Operations

HOURS 4.0 CEU 0.0 The AWR-140 course provides awareness and operations level training to those participants, who in the course of their normal duties could encounter a radiological/nuclear incident. The course will introduce topics that are relevant to a radiological/nuclear operation: Radiation, Radiological/Nuclear Weapons of Mass Destruction (WMD) Threats, Recognition and Notification, Protective Actions. This training will provide the participant with the fundamental knowledge of radiation and give the participant the awareness level knowledge (defensive posture) to respond to a radiological/nuclear WMD incident. It will train the awareness level tasks - recognition, self-protection, notification and secure the area - as it relates to a radiological incident.

AWR–140–1 Introduction to Radiological/Nuclear WMD Operations Train–the–Trainer Course

HOURS 7.0 CEU 0.0 This instructor-led course prepares indirect trainers to deliver the AWR-140 Introduction to Radiological/Nuclear WMD Operations course. It focuses on the delivery of the AWR-140 course, including class preparation, instructional techniques, completion of course paperwork, notes and delivery tips, slide groupings, key points, and information to aid instruction.

AWR–140–W Introduction to Radiological/Nuclear WMD Operations, Web–based

HOURS 4.0 CEU 0.0 The web-based version of the AWR-140 course provides awareness and operations level training to those participants, who in the course of their normal duties could encounter a radiological/nuclear incident. The course will introduce topics that are relevant to a radiological/nuclear operation: Radiation, Radiological/Nuclear Weapons of Mass Destruction (WMD) Threats, Recognition and Notification, Protective Actions. This training will provide the participant with the fundamental knowledge of radiation and give the participant the awareness level knowledge (defensive posture) to respond to a radiological/nuclear WMD incident. It will train the awareness level tasks - recognition, self-protection, notification and secure the area - as it relates to a radiological incident.

AWR–346 Introduction to Radiological/Nuclear WMD Operations for Law Enforcement

HOURS 4.0 CEU 0.0 AWR-346 provides law enforcement personnel with fundamental knowledge regarding two distinct mission spaces related to Radiological/Nuclear threats. The response mission area includes an overview of recognition of the threat or incident, protective measures, notifications and securing the incident site during Radiological/Nuclear WMD incident as they relate to law enforcement operations. The course addresses the Preventive Radiological Nuclear Detection (PRND) mission including program structure, operational modes and Federal assets.

AWR–350–W Hospital Radiological Emergency Operations: Hospital Operation Plan

HOURS 7.0 CEU 0.0 This training course is designed to provide Participants with baseline knowledge to understand the radiological threats and how pre-planning increases the effective and safe response to radiological incidents within the Participants assigned work scope during a radiological mass casualty incident. This course is the first in a series of four courses for Hospital Radiological Emergency Operations.

AWR–400–W Radiological Dispersal Device (RDD) Response Guidance: Planning for the First 100 Minutes

HOURS 2.0 CEU 0.0 The AWR-400-W course will provide the student with a detailed overview of the five missions, (Recognize, Inform, Initiate, Measure and Map, and Evacuate and Monitor), and associated response tactics that make up the guidance. State, Local, Territorial and Tribal (SLTT) responders as well as members of the whole community will learn the required actions and protective measures required to mount a successful response to an RDD.

AWR–410–W Hospital Radiological Emergency Operations: Hazards and Countermeasures

HOURS 1.0 CEU 0.0 The AWR-400-W course will provide the student with a detailed overview of the five missions, (Recognize, Inform, Initiate, Measure and Map, and Evacuate and Monitor), and associated response tactics that make up the guidance. State, Local, Territorial and Tribal (SLTT) responders as well as members of the whole community will learn the required actions and protective measures required to mount a successful response to an RDD.

AWR–411–W Hospital Radiological Emergency Operations: Personal Protective Equipment

HOURS 1.0 CEU 0.0 This course will provide an overview of the Personal Protective Equipment (PPE) necessary to provide healthcare workers safety from radiological exposure and contamination while performing emergency medical services in a medical environment for mass casualty victims after a radiological/nuclear incident.

AWR–412–W Hospital Radiological Emergency Operations: Pre-arrival and Recovery

HOURS 1.0 CEU 0.0 Hospital Radiological Emergency Operations: Preparation is a web-based training course to provide an overview of the preparedness steps that can be developed as part of the hospital's Emergency Operations Plan (EOP) to implement security protocols and preparations necessary to set up a facility for radiologically contaminated victims in a hospital-based environment.

MGT–469 Radiological Dispersal Device (RDD) Response Guidance – Train the Planner

HOURS 14.0 CEU 0.0 The course materials and instruction will prepare emergency response First Responders, Managers, and other critical decision makers from State, Local, Territorial and Tribal (SLTT) governments to research and develop an operable Radiological Dispersal Device (RDD) response plan using the Radiological Dispersal Device (RDD) Response Guidance; Planning for the First 100 Minutes.

PER–243 PRND Primary Screener/Personal Radiation Detector (PRD)

HOURS 7.0 CEU 0.0 This course is designed to provide Participants with the capability to perform basic Preventive Radiological/Nuclear Detection (PRND) Operations as Primary Screeners, and will provide them with the overall knowledge of Global Nuclear Detection Architecture (GNDA) as employed by our Nation. PER-243 trains Participants equipped with a PRD to contribute to the accomplishment of the National Preparedness Goal's Core Capabilities.

PER–243–1 PRND Primary Screener/Personal Radiation Detector (PRD) Train-the-Trainer

HOURS 21.0 CEU 0.0 The PER-243-1 course trains Participants who are qualified instructors selected by their agency to deliver the PER-243 Primary Screener/Personal Radiation Detector (PRD) Course to effectively train emergency responders. These qualified instructors will learn to prepare and conduct the delivery of the PER-243 course. This course provides Train-the-Trainer level instruction on the employment of personal radiation detectors.

PER–245 PRND Secondary Screener/Radio-Isotope Identification Device (RIID)

HOURS 7.0 CEU 0.0 Under simulated field conditions, a Participant training as a Secondary Screener, or a National Incident Management System (NIMS) Type 1 PRND Screener, will use an agency- or CTOS-supplied Radio-Isotope Identification Device (RIID) to detect, verify, locate, measure, identify, and assess unknown radiological sources for the purpose of adjudicating the alarms. As the Participant collects spectra on the RIID, they will upload this data to computers or smartphones in preparation to transmit the spectra data for technical reachback analysis.

PER–246 PRND Backpack Operations for the Primary Screener

HOURS 4.0 CEU 0.0 This course trains Primary Screeners to employ a Human-Portable Radiation Detector (Backpack) to detect and verify radiation alarms, localize the radiation source, measure detected radioactive material, and adjudicate alarms. These activities will be performed as they pertain to radiation alarms detected in/or on people, vehicles, packages, and/or facilities. Training will be accomplished using an assigned Backpack and a variety of sealed radioactive sources (SRS) in the learning activities (drills).

PER–307 Introduction to Nuclear Device Effects and Response Strategies

HOURS 4.0 CEU 0.0 This course provides an overview to participants of how a nuclear detonation can affect an urban area. The course will provide an understanding of current guidance to aid personnel in the preparation, recognition, impact, and recommended response strategies should a nuclear detonation incident occur.

PER–307–W Introduction to Nuclear Device Effects and Response Strategies, Web–based

HOURS 3.0 CEU 0.0 This web-based training course provides an overview to participants of how a nuclear detonation can affect an urban area. The course will provide an understanding of current guidance to aid personnel in the preparation, recognition, impact, and recommended response strategies should a nuclear detonation incident occur.

PER–318 Preventive Radiological/Nuclear Detection (PRND) Team Operations

HOURS 28.0 CEU 0.0 PER–318 provides both Primary and Secondary Screeners with the skills to maximize PRND equipment capabilities while efficiently and effectively executing essential tasks to protect and secure critical infrastructure, large venues, and special events using National Incident Management System (NIMS) typed teams. Drills are based on specific competencies, behaviors, and tasks leveraging typed personnel, equipment, and teams

PER–332 Population Monitoring at Community Reception Centers

HOURS 7.0 CEU 0.0 The primary focus of this course is to provide participants with the fundamental knowledge and situational awareness to safely and effectively perform, or assist with the performance of, population-monitoring duties and contamination reduction measures at Community Reception Centers (CRCs) or similar facilities after a radiological/nuclear incident has occurred.

PER–345 Radiation Instruments Operations

HOURS 4.0 CEU 0.0 The primary focus of this course is the instrument operation skills needed by first responders when responding to a radiological/nuclear incident. This course serves a dual role for the response community. For the new responder, the course provides a general overview of detection equipment, its selection, and its general operation. For the experienced responder, the course provides a refresher on multiple detection platforms.

PER–348 Operations Level Response to Radiological/Nuclear WMD

HOURS 7.0 CEU 0.0 PER–348 is designed for response mission operations and personnel who have little or no training in radiological/nuclear emergency WMD response. This course provides First Responders with fundamental knowledge regarding mission spaces related to radiological/nuclear threats. The response mission area includes an overview of radiological instruments and protective measures, such as Personal Protective Equipment (PPE) and decontamination (i.e., Emergency, Gross, Mass, and Technical).

PER–350 Preventive Radiological/Nuclear Detection Maritime Operations

HOURS 21.0 CEU 0.0 The PER-350 course enables personnel assigned to radiation detection Primary Screener duties, to detect radiation, verify radiation alarms, localize the source of radiation, and measure detected radioactive material with increased range and sensitivity using a (PRD), Backpack and a boat-mounted, standoff radiological/nuclear detection system. Host agencies may elect to supply radioactive materials during the class to enhance the learning experience. These sources are intended to simulate the types of radioactive material that the Primary Screener may encounter in the public domain.

PER–351 Preventive Radiological/Nuclear Detection Team Leader

Hours 14.0 CEU 0.0 The PER-351 course provides participants with the ability to demonstrate the supervisory skills required for the Team Leader position and the proficiency needed to perform the duties associated with the position, as outlined in the NIMS typing documents. The participant will apply his/her knowledge of the Team Operator position to real-world scenarios and practical exercises. At the end of the course, the participant will complete the qualification and credentialing process with his/her agency by using a Position Task Book supplied with the course materials.

PER–354 Response to Radiological/Nuclear WMD Incidents

HOURS 24.0 CEU 0.0 Course PER-354, Response to Radiological/Nuclear Weapon of Mass Destruction Incidents, provides the participant with the baseline response capability to safely respond to a Radiation Exposure Device (RED), Radiological Dispersal Device (RDD), or nuclear device incident.

PER–355 Radiation Instruments Employment

HOURS 4.0 CEU 0.0 This course satisfies the needs of a specific jurisdiction by providing a wide variety of drills and practical exercises from which the agency may select to address its training needs. The drills and practical exercises are based on the Job Performance Requirements (JPRs) identified by the jurisdiction. The course is limited to 4 hours and is based on the jurisdiction's equipment (or CTOS equipment cache). Selection of the drill and practical exercise can be determined at the pre-course visit between the jurisdiction and the CTOS course director. JPRs will be used to assess the required skills.

PER–370 Hospital First Receivers: Detecting Radioactive Contamination

Hours 7.0 CEU 0.0 This course provides Hospital First Receivers/Healthcare workers with essential knowledge and skills to assist them when responding to a radiological/nuclear Weapon of Mass Destruction (WMD) incident in the safest manner possible for themselves and victims.

PER–388 Radiological Operations Support Specialist (ROSS)

Hours 28 CEU 0.0 This course prepares radiation professionals to qualify for a new federally typed position within the NIMS typing system. A Radiological Operations Support Specialist (ROSS) who is trained and qualified to operate as a technical specialist during a radiological/nuclear incident will be critically important to response agencies nationwide that are tasked with responding to a WMD incident.

PER–415 PER-415 Radiological Operations Support Specialist (ROSS) Nuclear Detonation Practical Assessment

Hours 14.0 CEU 0.0 The Radiological Operations Support Specialist (ROSS) Nuclear Detonation Practical Assessment, assists Participants complete assigned tasks within their Federal Emergency Management Agency (FEMA), National Qualification System (NQS), Position Task Book (PTB). Using the Virtual Evaluation Scenario Tool (VEST), the ROSS will be provided the environment and activities that allow the participants to demonstrate the required ROSS knowledge, skills, and abilities for advancement to the next ROSS type. Additionally, through the VEST scenarios, the ROSS can recognize potential performance deficiencies and response gaps.

PER–416 Radiological Operations Support Specialist (ROSS) Radiological Dispersal Device (RDD) Practical Assessment

Hours 14.0 CEU 0.0 The Radiological Operations Support Specialist (ROSS) Radiological Dispersal Device (RDD) Practical Assessment, assists Participants complete assigned tasks within their Federal Emergency Management Agency (FEMA), National Qualification System (NQS), Position Task Book (PTB). Using the Virtual Evaluation Scenario Tool (VEST), the ROSS will be provided the environment and activities that allow the participants to demonstrate the required ROSS knowledge, skills, and abilities for advancement to the next ROSS type. Additionally, through the VEST scenarios, the ROSS can recognize potential performance deficiencies and response gaps.

National Disaster Preparedness Training Center

The National Disaster Preparedness Training Center (NDPTC) at the University of Hawaii at Manoa became the newest member of the NDPC in 2010. The focus areas of the NDPTC are natural hazards and coastal communities. NDPTC offers mobile training in jurisdictions across the country on natural hazards and disasters, with a special concentration on coastal communities, planning tools and techniques, decision support tools, and recovery planning.

The overall goal of the NDPTC is to assist in addressing the needs of the nation for disaster preparedness, response, recovery, and mitigation. NDPTC develops and delivers training and education for a variety of disciplines, including but not limited to, Emergency Management, Government Administrative, Fire Service, Emergency Medical Services, Law Enforcement, Public Health, and Citizen/Community Volunteers.

ndptc.hawaii.edu 808.725.5220

COURSE #	NATIONAL DISASTER PREPAREDNESS TRAINING CENTER COURSE NAME	HRS	CEU	Virtual
AWR–217	Tsunami Awareness	8.0	0.6	X
AWR–228	Community Resilience	8.0	0.6	X
AWR–233	Volcanic Crises Awareness	8.0	6.0	X
AWR–308	Natural Disaster Awareness for Caregivers	4.0	0.3	X
AWR–310	Natural Disaster Awareness for Community Leaders	4.0	0.3	X
AWR–319	Leveraging Tools for Conducting Damage Assessments	8.0	0.6	
AWR–322–W	Natural Disaster Awareness for Security Professionals	2.0	0.2	
AWR–326	Tornado Awareness	8.0	0.6	X
AWR–329	Leveraging Tools for Coordinated Community Disaster Communications	4.0	0.3	X
AWR–331	Winter Weather Hazards: Science and Preparedness	8.0	0.6	X
AWR–343	Hurricane Awareness	4.0	0.3	X
AWR–345	Unmanned Aircraft Systems for Disaster Management	8.0	0.6	X
AWR–347	Climate Adaptation Planning for Emergency Management	8.0	0.6	X
AWR–356	Community Planning for Disaster Recovery	8.0	0.6	X
AWR–357–W	Principles of Community Economic Recovery	2.0	0.2	
AWR–362	Flooding Hazards: Science and Preparedness	8.0	0.6	X
AWR–377	Disaster Resilience Workshop for Small Businesses and Organizations	4.0	0.3	X
AWR–379	Coastal Hazards Awareness	8.0	0.6	X
MGT–460	Planning for Disaster Debris Management	8.0	0.6	X
MGT–461	Evacuation Planning Strategies and Solutions	8.0	0.6	X
MGT–462	Community Planning for Economic Recovery	8.0	0.6	
MGT–474	Mitigating Hazards with Land-Use Planning	8.0	0.6	
PER–304–W	Social Media Platforms for Disaster Management	2.0	0.2	X
PER–343	Social Media Engagement Strategies	8.0	0.6	X
PER–344	Social Media Tools and Techniques	8.0	0.6	X
PER–378	Coastal Hazard and Vulnerability Assessment Tools	8.0	0.6	X
PER–386–V	Whole Community Inclusive Economic Recovery	8.0	0.6	

AWR–217 Tsunami Awareness

HOURS 8.0 CEU 0.6 This course enhances the participants' abilities to support their organizations' tsunami preparedness and response efforts. It provides participants with an understanding of: (1) the tsunami hazard; (2) current hazard assessment tools and products; (3) tsunami warning and dissemination systems and methods; and (4) methods of community response to local and distant tsunamis.

AWR–228 Community Resilience

HOURS 8.0 CEU 0.6 Resilient communities are better able to plan for and take action to mitigate the risks from hazards, increase the pace of recovery from destructive events, and adapt to changing environments. This course provides participants with the background information on natural hazards, the opportunity to work through an approach to assess community resilience, and develop an action plan for improved resilience through the use of case studies and group activities. The goal of this course is to increase awareness of the meaningful actions that you and your community can take to enhance resilience to natural hazards and the opportunities to incorporate resilience into professional practice.

AWR–233 Volcanic Crises Awareness

HOURS 8.0 CEU 0.6 This course enhances the abilities of participants to support their organizations' preparedness and response efforts for future volcanic crises. It provides an understanding of: processes, impacts, and causes of volcanic hazards; current monitoring and hazard assessment tools and products; volcano warning and dissemination systems and methods; and community response to eruptions and volcanic crises. A facilitator–led scenario–based group activity challenges participants to identify effective actions that will reduce the impact of a volcanic crisis in their community(ies). This activity enables participants to apply knowledge of the presented materials to actual preparedness, mitigation, and response issues and helps participants to understand how organizational preparedness and community–level planning support the mitigation of volcanic hazards.

AWR–308 Natural Disaster Awareness for Caregivers

HOURS 4.0 CEU 0.3 Those who require care such as seniors and children, are particularly vulnerable to natural hazards. Factors such as physical limitations, mental ailments, and medication requirements are issues of concern for caregivers. These specific needs, amongst others considerations for natural hazards, must be addressed in preparedness plans. This course is designed to enhance the caregiver's awareness of vulnerability factors for those who require care. Participants will learn how to identify, prepare, and perform a number of support activities that will ensure the safety and security of care receivers when a natural hazard event occurs. Participants will also be introduced to best practices for personal preparedness prior to a disaster and encouraged to discuss plans and actions that they have already taken. Participants will then explore special considerations for disaster preparedness for dependents and those with access and functional needs.

AWR–310 Natural Disaster Awareness for Community Leaders

HOURS 4.0 CEU 0.3 This course familiarizes community leaders with the available resources for natural disaster preparedness and planning. Participants learn to better recognize and define the roles and responsibilities they may be expected to assume given their leadership positions, and understand the roles that first responders and other support personnel are likely to assume to ensure primary assistance in the response and recovery phase of an emergency event. The course also provides participants with an understanding of the necessary plans and tools needed in planning for natural disasters, and assists them to better understand and identify the personnel best equipped to address response and recovery requirements in the case of an actual disaster.

AWR–319 Leveraging Tools for Conducting Damage Assessments

HOURS 8.0 CEU 0.6 This course provides participants with an overview of the basic damage assessment process, the importance of quick and accurate assessments, and the commonalities and differences in data requirements for different groups. The course discusses the practice of conducting a damage assessment action plan in order to ensure that resources are in place for an adequate response. A hands–on exercise provides participants with the opportunity to practice conducting a damage assessment using Commercial Off–the–Shelf (COTS) tools and software.

AWR–322–W Natural Disaster Awareness for Security Professionals

HOURS 2.0 CEU 0.2 This course provides security professionals with the knowledge to prepare and plan to react immediately in the event of a natural disaster. Timely reaction will enable security professionals to meet the disaster response and recovery needs of their facility, and provide support to local first responder agencies as needed.

AWR–326 Tornado Awareness

HOURS 8.0 CEU 0.6 This course assists participants to better understand the basics of tornado science, the weather forecasting process, the tornado warning process, and the fundamentals of tornado safety and preparedness. Because tornadoes can strike anywhere in the United States, it is important that every community be ready for the hazards associated with them.

AWR–329 Leveraging Tools for Coordinated Community Disaster Communications

HOURS 4.0 CEU 0.3 As recent disasters have demonstrated, maintaining a strong and redundant communications infrastructure is integral to the coordination of response and recovery efforts. This course provides participants with the opportunity to gain valuable information that will assist in improving the communication capabilities of their community by introducing various tools and strategies that can be integrated into community communication plans. The course will enhance the participant's ability to leverage coordination among community organizations and resources to ensure effective communications before, during, and after a disaster. Participants will explore the community and the related hazards to find communication needs and assets. The course will focus on the information needs and requirements of different groups in an emergency and the importance of communicating with different groups at different times. Practical exercises provide the opportunity to evaluate the various tools available to effect communications and analyze communication systems, technologies, and products to use.

AWR–331 Winter Weather Hazards: Science and Preparedness

HOURS 8.0 CEU 0.6 This course assists to provide emergency managers, first responders, and community members across all sectors with a basic understanding of the latest knowledge in winter weather science forecasting, warning, and best practices in preparedness. The course enhances the ability of participants to identify and describe the hazards associated with winter weather and to better prepare for and mitigate the impacts of snow, sleet, freezing rain, and dangerously low temperatures.

AWR–343 Hurricane Awareness

HOURS 4.0 CEU 0.3 This course provides participants with latest information on hurricane science, forecasting, warning, and preparedness. The course enhances the ability of the participants to identify and describe the hazards associated with hurricanes and to better prepare for and mitigate the impacts of high winds, heavy rain, and storm surge.

AWR–345 Unmanned Aircraft Systems for Disaster Management

HOURS 8.0 CEU 0.6 Unmanned Aircraft Systems (UAS) are an emerging technology that will likely revolutionize disaster management. This course is an introduction to UAS use in disaster management, from mitigation and preparedness to response and recovery. It is intended to help participants gain a basic understanding of UAS; learn the general concepts to help an agency build a successful UAS program; understand the FAA regulations of UAS; learn the importance of engaging the local community; understand the need to ensure that privacy issues, civil rights, and civil liberties are thoroughly addressed; identify when UAS would enhance a disaster mission; and understand the basics of UAS types and sensors. The overall course goal is to provide a basic overview of UAS so that agencies can learn the first steps in determining if UAS is right for their work.

AWR–347 Climate Adaptation Planning for Emergency Management

HOURS 8.0 CEU 0.6 This course helps emergency managers, responders and the community better plan and prepare for the potential hazard impacts that may occur as a result of climate adaptations and systems vulnerabilities. Participants will gain a better understanding of how to identify and apply adaptation strategies to address vulnerabilities, as well as identify various resources that can be used to implement climate adaptation strategies.

AWR–356 Community Planning for Disaster Recovery

HOURS 8.0 CEU 0.6 Disaster Recovery is a complex, costly, and potentially lengthy process. Depending on the scope of a disaster, recovery efforts can last years and cost millions of dollars. Planning has a direct positive impact on a community's ability to recover from disasters. Planning for disaster recovery before disasters occur can significantly speed up and facilitate the post–disaster recovery process. This course is an eight–hour awareness–level course that provides facilitated discussions on key concepts for disaster recovery planning, including the benefits of pre–disaster planning, key elements, and the plan development process. This course will prepare participants to initiate disaster recovery plans and participate in the long–term recovery planning process in their own communities through the review of case studies and existing disaster recovery plans.

AWR–357–W Principles of Community Economic Recovery

HOURS 2.0 CEU 0.2 Economic recovery has been identified as a major post disaster challenge impacting a community's long term recovery. This course provides participants with an overview of major disaster risks, associated possible economic losses, and potential local, regional and national financial resources that can be leveraged for post disaster economic recovery.

AWR–362 Flooding Hazards: Science and Preparedness

HOURS 8.0 CEU 0.6 Flooding hazards can threaten any community in the United States and can occur over a period of weeks, days, or minutes. Therefore, this course focuses the identification and assessment of hazards due to flooding to enable proper preparedness and response. As flooding is one of the top meteorological killers in the United States, posing particular hazards to emergency responders, this introduction to recognizing flooding threats is essential for developing safe communities. Flooding Hazards: Science and Preparedness is an awareness–level, eight–hour course that addresses the current science of the causes of floods, flood forecasting, flood risk assessment, and best practices for preparation and mitigation for both short and long–fuse flooding events. Modules will include instruction on: Factors that contribute to flooding and how these determine flood risk; FEMA flood risk maps and the National Flood Insurance Program; How to read and interpret forecasts, watches, and warnings from the National Weather Service and hydrographs from the U.S. Geological Survey; and Proper preparation for sudden flooding, such as flash flooding and dam breaks, and long–fuse flood events such as river flooding.

AWR–377 Disaster Resilience Workshop for Small Businesses and Organizations

HOURS 4.0 CEU 0.3 Learn key concepts for increasing small business resiliency to disasters in this four–hour awareness–level course. Topics include risks associated with natural hazards and disasters, methods of assessing risk, financial tools, and the business continuity planning process to enhance your ability to support your business' overall disaster preparedness.

AWR–379 Coastal Hazards Awareness

HOURS 8.0 CEU 0.6 As an awareness–level course, Coastal Hazards Awareness provides participants with a general overview of the hazards facing coastal communities and risks associated with coastal hazards. Participants will also have the opportunity to explore methods to assess risk, tools to help prepare and plan for, and reduce risks to coastal communities.

MGT–460 Planning for Disaster Debris Management

HOURS 8.0 CEU 0.6 Disasters such as hurricanes, tornadoes, and floods can create enormous volumes of debris. Debris can hinder response and recovery efforts, cause costly delays, and pose significant logistical challenges. Debris management can be extremely complex, so creating, testing, and training to a pre–disaster debris management plan specific to the area is key to successful operations. This eight–hour management–level course is designed to enable participants to identify debris management components and the best planning practices using existing plan examples and case studies. Participants will also draft an outline of a debris management plan. MGT–460 Planning for Disaster Debris Management provides participants with the knowledge, skills, and tools necessary to create pre–disaster debris management plans for their own communities.

MGT–461 Evacuation Planning Strategies and Solutions

Hours 8.0 CEU 0.6 Evacuations can be ordered at any time for many types of disasters. Effective planning helps ensure that evacuations can be conducted swiftly, safely, and in an orderly manner. Participants will be exposed to current tools and technologies to institute best practices and strategies to plan for and execute an emergency evacuation. This course introduces data sources, modeling tools, and simulations that can assist with implementation of an emergency evacuation.

MGT–462 Community Planning for Economic Recovery

Hours 8.0 CEU 0.6 Economic recovery is critical in the long-term recovery process and can impact multiple jurisdictions and disciplines simultaneously - from large for-profit, not-for-profit, and public sector organizations to small businesses to responders and the health of the community at large. The course focuses on community planning for economic recovery with practical tools and resources to aid in economic recovery and resilience planning, assessing economic risk, and developing stronger partnerships.

MGT–474 Mitigating Hazards with Land-Use Planning

Hours 8.0 CEU 0.6 The power to regulate land uses – the development and activities that are allowed in a given place – is largely granted to the nearly 90,000 local governments in the United States. The location and nature of development is a primary driver of disaster losses across a range of natural hazards, from hurricanes and coastal storms to earthquakes and wildfires. This course will introduce participants to the practice of land use planning and regulation and its potential role in hazard mitigation. The course will describe a range of land use planning tools – from community-wide plans to development regulations – that empower local governments to mitigate natural hazard risk and increase community resilience.

PER–304–W Social Media Platforms for Disaster Management

HOURS 2.0 CEU 2.0 This course focuses on the use of social media in disaster preparedness, response, and recovery. Social media has shown to help people communicate and collaborate about events as the events unfold. Social media can provide rapid and immediate real–time information about events that helps provide greater situational awareness leading to better decision making. Participants are provided with the knowledge and skills to integrate social media into their current communication plans. The course defines social media and its uses and identifies the tools, methods, and models to properly make use of social media in the context of disaster management and provides the information and hands–on experience necessary to help the participants create social media disaster plans.

PER–343 Social Media Engagement Strategies

HOURS 8.0 CEU 0.6 This course will provide participants with the knowledge and skills to implement strategies to better engage individuals and partner organizations. Participants will experience more in–depth training in the use of content types, engagement strategies, and measurement tools for social media. The course will enable participants to create a social media strategy and better adapt to changing needs and strategies throughout the phases of emergency management. Group activities throughout the course will assist to reinforce the use of social media strategies in emergency management.

PER–344 Social Media Tools and Techniques

HOURS 8.0 CEU 0.6 This course is designed to provide participants with the knowledge and skills to use intermediate social media tools and techniques for situational awareness during an emergency. Participants will learn to use tools such as mapping applications, data analysis, and data mining for research and management. It aims to reach public and private sector organizations who have responsibility for conveying disaster–related information to the public or who are responsible for gathering information during and after a disaster. This course builds upon the concepts introduced in PER–304 Social Media Platforms for Disaster Management.

PER–378 Coastal Hazard and Vulnerability Assessment Tools

HOURS 8.0 CEU 0.6 This one–day performance–level training course provides training on the available tools for the assessment and planning for natural hazards and vulnerabilities that uniquely affect coastal communities. Examples of these hazards are short term events such as high surf, storm surge, and tsunami inundation, or long term threats from sea level rise and coastal erosion. These tools include real–time data collection tools and technologies, as well as web–based assessment tools, such as NOAA's Digital Coast tools. The course will include a guided exercise in which participants will learn to apply these tools in conducting a vulnerability assessment in their coastal communities and builds upon the the AWR–379 Coastal Hazards Awareness course.

PER–386–V Whole Community Inclusive Economic Recovery

HOURS 8.0 CEU 0.6 In the economic recovery planning process the whole community must be engaged and included in order to ensure long-term sustainable impacts. At the completion of this course, participants will be better able to fully engage the whole community, to include both public and private sections, and civic, faith-based, cultural, and disability organizations and will be able to demonstrate a functional competence in creating post disaster economic recovery strategies that implement whole community resources and planning principles.

Security and Emergency Response Training Center

For the past 35 years, the Security and Emergency Response Training Center (SERTC) has been operated by the Transportation Technology Center, Inc. (D.B.A.) MxV Rail, a subsidiary of the Association of American Railroads. Since our inception, SERTC has trained more than 74,000 students worldwide. We provide high–level, state–of–the–art training for our students. SERTC training includes a high percentage of hands–on work, which students conduct on full–scale transportation equipment, representing what they may encounter in the field. SERTC has the largest collection of full–size rail cars to be used as training aids in the United States. We train using realistic props and scenarios, including live explosives, pressurized air and water.

sertc.org 719.584.0584

COURSE #	SECURITY AND EMERGENCY RESPONSE TRAINING CENTER COURSE NAME	HRS	CEU	Hybrid
AWR–290	Railroad Safety Awareness	4.0	0.4	
PER–290	Tank Car Specialist	40.0	4.0	
PER–291	Highway Emergency Response Specialist	40.0	4.0	
PER–292	Leadership and Management of Surface Transportation Incidents	40.0	4.0	
PER–293	Hazardous Materials Weapons of Mass Destruction Technician for Surface Transportation	80.0	8.0	
PER–326	Surface Transportation Emergency Preparedness and Security – Freight	16.0	1.6	
PER–327	Crude Oil/Class 3 Flammable Liquid Emergencies Transported By Rail	24.0	2.4	
PER–330	Surface Transportation Emergency Preparedness and Security – Mass Transit and Passenger Rail	16.0	1.6	
PER–331	Surface Transportation Emergency Preparedness and Security – Senior Officials	4.0	0.4	
PER–367	Tactical Hazardous Materials Operations in Surface Transportation	40.0	4.0	
PER–381	Transportation Container Loading and Unloading Emergency Response	24.0	0.0	

AWR–290 Railroad Safety Awareness

HOURS 4.0 CEU 0.4 This course outlines the skills necessary to recognize the severity of incidents involving rolling stock used in rail surface transportation, contact the proper personnel with the railroads, and work seamlessly with the private sector employees and contractors that may be dispatched. These skills will be generated via education on railroad personnel, proper safety procedures for working on and around railroad property, an overview of the different types of rolling stock and the risks associated with them, the various markings and reference materials necessary to ascertain the contents of a rail car, and general overview of the different types of damage commonly incurred during a derailment. The comprehension of these subjects will allow the participant to rapidly analyze the severity of an incident and notify the appropriate people so that any specialized equipment can be dispatched as quickly as possible.

PER–290 Tank Car Specialist

HOURS 40.0 CEU 4.0 This course is designed to address specific fundamentals and skills associated with an emergency response to a rail surface transportation incident involving HazMat/WMD. The TCS course will provide technical knowledge pertaining to tank cars, including damage assessment, oversight for product removal, and movement of damaged tank and other rail cars present. They will conduct site assessments of incidents, damage assessments of the containers, and will conduct product removal using different transfer techniques on the various DOT containers used in rail transportation. The skills acquired at this specialty course are above and beyond that of a HazMat/WMD technician. The TCS course provides technical information and includes extensive hands–on practice of incident actions on full–scale scenario–based rail HazMat/WMD surface transportation incidents.

PER–291 Highway Emergency Response Specialist

HOURS 40.0 CEU 4.0 This course focuses on specific fundamentals and skills associated with an emergency response to a highway incident involving hazardous materials/WMD emergencies. Participants are provided with detailed technical information on cargo tanks (all types), intermodal (IM) portable tanks, freight vans, design and construction, non–bulk packaging, and compressed gas cylinders. Participants are trained to be proficient in hazard mitigation techniques for highway transportation incidents, transfer procedures, grounding and bonding, and safety considerations, including extensive hands–on practice of actions and responses to simulated Hazardous Materials/WMD incidents.

PER–292 Leadership and Management of Surface Transportation Incidents

HOURS 40.0 CEU 4.0 This course utilizes NIMS/ICS guidelines and is designed to prepare participants in leadership and management of HazMat/WMD incidents involving surface transportation. The course requires participants to lead and manage incidents involving actual HazMat technicians responding to scenario–based emergencies while following NIMS/ICS guidelines and structures. Participants will be expected to complete proficiency requirements, all necessary NIMS/ICS documentation, and produce Incident Action Plans (IAPs) incorporating hands–on, scenario–based activities. Challenging, in–depth planning, and decision–making processes are involved that will prepare participants to manage and document responses to real–world emergencies involving surface transportation incidents in their communities.

PER–293 Hazardous Materials Weapons of Mass Destruction Technician for Surface Transportation

HOURS 80.0 CEU 8.0 This course provides Hazardous Materials Technician training that complies with OSHA 29 CFR 1910.120 (q) and NFPA Standard 472 requirements. This course is designed to prepare technical responders for the offensive measures necessary to mitigate a flammable/combustible liquid, toxic or industrial HazMat, or WMD/IED emergency in surface transportation. Participants respond to simulated emergencies on bulk and non–bulk packaging, railcars, cargo tanks, and intermodal & portable tanks, utilizing techniques to perform containment/confinement procedures. This course allows participants to demonstrate proficiency through extensive, hands–on practice of actions and responses to simulated HazMat/WMD incidents, including Class 3 flammable/combustible products, and other CBRNE incidents that could be used against surface transportation. Learn to assist in identifying vulnerabilities within local communities, to recognize and prioritize importance of facility and conveyance hardening, and become familiar with NIMS/NRF to prioritize organizational immediate actions and response operations. Participants are briefed about current trends concerning flammable/combustible liquids and their potential impact upon their jurisdiction. Learn the importance of proper management and pre–planning to minimize threats on surface transportation as it relates to HazMat. Learn to conduct site safety planning measures, and use appropriate PPE for incident mitigation. Learn appropriate decontamination procedures and medical monitoring used at a HazMat/WMD incident and the knowledge to execute tasks needed to bring a HazMat/WMD emergency—whether deliberately, accidentally, or naturally caused—to a safe and successful conclusion.

PER–326 Surface Transportation Emergency Preparedness and Security – Freight

HOURS 16.0 CEU 1.6 This course is designed for mid–management and supervisory level personnel representing jurisdictions such as states, counties, or cities, and including public services agencies, fire services, law enforcement, emergency medical services, emergency planning, public health, hazardous materials response, and private industry. This course focuses on how to prevent, manage, and assess threats and vulnerabilities of freight transportation systems. Learn to recognize and prioritize the importance of facility and conveyance hardening in regards to the specific dangers associated with the transportation of freight. Participants learn management/planning tools to counter flammable/combustible liquids incidents and IED operations and evacuations where freight transportation creates the potential for catastrophic events when combined with materials being shipped, including HazMat. Learn to utilize the NIMS/NRF to prioritize organizational immediate actions and response operations. There will be special emphasis on National Special Security Events (NSSEs).

PER–327 Crude Oil/Class 3 Flammable Liquid Emergencies Transported By Rail

HOURS 24.0 CEU 2.4 This program will provide the first responder basic knowledge, skills, and abilities to respond to incidents involving Crude Oil/Class 3 Flammable Liquids Transported By Rail (COC3FLETBR). The program is delivered over 3 days (24 hours) with over 60% field exercises. The program covers: the history of crude oil/class 3 flammable liquids, chemical and physical properties of the different crude oil/class 3 flammable liquids, basic site and damage assessment, and tank car design and construction. Additional subjects include: tactical product control methods including the application of firefighting foam agents, water and spill control procedures, planning for crude oil/flammable liquid incidents, and the environmental impacts. The practical evolutions will include a demonstration of crude oil/class 3 flammable liquids fires, boil overs, and foam applications as applied to crude oil/class 3 flammable liquid incidents.

PER–330 Surface Transportation Emergency Preparedness and Security – Mass Transit & Passenger Rail

HOURS 16.0 CEU 1.6 This course is designed for management level personnel representing jurisdictions such as states, counties, or cities, and including public service agencies, fire service, law enforcement, emergency medical service, emergency planning, public health, hazardous materials response, and private industry. Participants will learn to conduct threat assessments and identify vulnerabilities within state, local, tribal, and territorial jurisdictions as they relate to mass transit and passenger rail systems. The course will educate participants on how to recognize and prioritize passenger transportation facilities and conveyances hardening in order to prevent and protect them against identified threats, especially those involving IEDs. Security and response management plans will also be developed, including procedures on interagency communication, incident command, and evacuation planning. Roles and responsibilities of both public and private sector will be highlighted as protection resources and response partners. There will be special emphasis on National Special Security Events (NSSEs).

PER–331 Surface Transportation Emergency Preparedness and Security – Senior Officials

HOURS 4.0 CEU 0.4 This course is intended for executives and elected officials, both public and private, such as mayors, county executives, directors, assistant directors, chiefs, deputy chiefs, division managers, and supervisors. Participants should include representation from state and local entities, public service agencies, fire services, law enforcement, emergency medical services, emergency planning, public health, hazardous materials response, and private industry. This course offers an executive–level introduction to the roles and responsibilities of preparedness, prevention, and response to emergencies involving surface transportation freight and passenger systems. It provides a clear overview of freight and passenger system threats facing jurisdictions/organizations of public and private officials and the organizational structure that must be implemented in an incident, according to the NRF. Executives learn to identify threats and vulnerabilities of freight (including flammable/combustible liquid transportation) and passenger system operations within their jurisdictions/organizations, learn to recognize and prioritize the importance of facility and conveyance hardening, receive familiarization with the NIMS/NRF to prioritize organizational immediate actions and response operations, and learn how to develop and apply management/planning tools for flammable/combustible liquids incidents and counter Improvised Explosive Devices (IED) operations and evacuations. There will be special emphasis on National Special Security Events (NSSEs).

PER–367 Tactical Hazardous Materials Operations in Surface Transportation

HOURS 40.0 CEU 4.0 This course is designed to provide law enforcement with advanced knowledge and practical skills needed to respond to a complex, tactical surface transportation incident involving HazMat/WMD. Participants learn to operate tactical weapons using Simunition® non–lethal training weapons and ammunition, while wearing chemical protective clothing and respiratory protection systems, and how to respond properly to emergency incidents involving various modes of mass transit transportation, including heavy, medium, and light rail systems, and commercial and school buses. Participants learn to select proper PPE and respiratory protection for the threat presented, how to use monitoring equipment to help determine what type of HazMat/WMD may be present, conduct site assessments, develop tactical plans, and conduct tactical assaults on full–scale passenger train cars, locomotives, commercial buses and school buses. Participants are involved in a variety of "Shoot/Don't Shoot" scenarios utilizing Simunitions® which also involve "Active Shooter" role playing. This course is for certified and active peace officers and/or those formally attached to an agency tactical team with HazMat Awareness completion. Medical personnel involved with Active Shooter Hostile Events Response (ASHER) may attend with approval.

PER–381 Transportation Container Loading and Unloading Emergency Response

HOURS 24.0 CEU 0.0 This course is a transportation–specific emergency program focusing on specific fundamentals and skills associated with emergency response incidents involving flammable liquids during transfer/trans loading by rail tank car, highway vehicle, and above–ground fixed–facility storage, while using a full–scale transfer station/commercial loading rack. The orientation will address mitigation planning and response procedures for spills and fires from surface transportation containers which are carrying DOT Hazard Class 3 products. This Operations Level Program reviews specific information on safe operations around commercial loading/unloading operations, chemical and physical properties of hazardous materials transferred, detection and monitoring equipment specific to these commodities, safety features and construction of both rail and highway containers. The program covers environmental impacts, mitigation methods including tactical considerations, the process of proper bonding and grounding at incidents, fire suppression procedures, Association of American Railroads (AAR) Pamphlet 34, and extensive hands–on practical evolutions safely handling liquid and gaseous releases involving our commercial loading rack assemblies, rail car, and highway cargo tanks in a fixed facility scenario. Participants will learn to conduct site assessments, assess damage to containers, and perform confinement and containment actions on incidents involving class 3 flammable liquids, learn to assist in identifying vulnerabilities within their own local transportation systems, while learning to recognize and prioritize assets in their jurisdiction and region. Participants will learn to plan and work effectively with members of the railroad industry, emergency response organizations, vendors and service providers, and community stakeholders, and understand the importance of building relationships with mutual aid departments and transportation representatives. Paticipants will also learn the necessary components of NIMS and the NRF to prioritize organizational immediate actions and response operations. Successful participants will have the knowledge to make basic decisions during a flammable liquid transfer/transload incident and will be able to determine whether they should act in an offensive, defensive, or non–intervention mode during an incident. Target audience for this course is Firefighter I with Hazardous Materials Operations as described by OSHA, NFPA, and EPA. The participant community for this course represents fire service, emergency management, and railroad industry personnel, highway industry personnel, and hazardous materials response contractors that deal with flammable liquids in transportation.

www.ndpc.us

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