Introduction

Welcome to the course catalog for the Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), National Preparedness Directorate (NPD) National Training and Education Division (NTED). NTED serves the Nation's first responder community, offering more than 200 courses to help build skills that responders need to function effectively in mass consequence events. NTED primarily serves State, local, and tribal entities in 10 professional disciplines, but has expanded to serve private sector and citizens in recognition of their critical role in domestic preparedness. Instruction is offered at the awareness, performance, and management and planning levels. Students attend NTED courses with the basic skills of their profession and learn how to apply them in the context of disaster preparedness, response, and recovery. Course subjects range from weapons of mass destruction (WMD) terrorism, cyber security, and agro terrorism to citizen preparedness. Courses are web based and instructor led and are offered in residence (i.e., at a training facility) or through mobile programs in which courses are brought to locations that request them.

Throughout the NTED Course Catalog is valuable information about NTED training courses and prerequisites, training providers, including how to schedule and attend courses. As new courses become available, NTED will continue to update the catalog to provide the most up-to-date information to the first responder community.

What is the National Training and Education Division?

NTED is one of a number of training components located within FEMA. It is the new name given to the former Office of Grants and Training (G&T) Training Division under the reorganization directed in the "Post-Katrina Emergency Management Reform Act" (the Act). On April 1, 2007, components from the DHS Preparedness Directorate, including training programs within G&T, merged with FEMA as directed by the Act. This consolidation formed the new NPD within FEMA. Legacy training organizations from the Preparedness Directorate were consolidated under the umbrella of the newly created NIC, along with existing FEMA training components such as the Emergency Management Institute (EMI). The mission of NTED remains largely the same as it was under the G&T, that is, to make high-quality training available to the first responder community, tailored to enhance the capacity of states and local jurisdictions to prepare for, prevent, deter, and respond and recover safely and effectively from potential manmade and natural catastrophic events, including terrorism. NTED has undergone several name changes since it was organized in 1998 as the Office for Domestic Preparedness (ODP) under the Department of Justice. Since that time, it has grown from 4 to more than 45 training providers that are in various stages of curriculum development and course delivery. To date, NTED has delivered training to approximately 2 million first responders.

NTED training comports with nationally recognized standards, adheres to the precepts of Instructional System Design (ISD), and uses adult learning principles, including problem-based learning. In addition, training developed under the auspices of NTED undergoes a rigorous validation process before delivery, as well as continuous assessment once training is delivered to the public. NTED training is increasingly being tested through state and local exercises, and the results are used to enhance further development of training courses.

NTED Mission

The mission of NTED is to make high-quality training available to first responders that enhances their skills for preventing, protecting, responding to, and recovering from manmade and natural catastrophic events.
Who Do We Serve?

NTED prepares state and local first responders to prevent, protect, respond to, and recover from manmade and natural catastrophic events. The term "first responder" refers to those individuals who, in the early stages of an incident, are responsible for the protection and preservation of life, property, evidence, and the environment, including emergency response providers as defined in section 2 of the Homeland Security Act of 2002 (6 U.S.C. 101), as well as emergency management, public health, clinical care, public works, and other skilled support personnel (such as equipment operators) who provide immediate support services during prevention, response, and recovery operations. In all, NTED serves 10 professional disciplines, as well as the private sector and citizens through its courses. The major disciplines served by NTED are defined as follows:

**Law Enforcement (LE):** Individuals who, on a full-time, part-time, or voluntary basis, work for agencies at the local, municipal, and State levels with responsibilities as sworn law enforcement officers.

**Emergency Medical Services (EMS):** Individuals who, on a full-time, part-time, or voluntary basis, serve as first responders, emergency medical technicians (EMT) (basic), and paramedics (advanced) with ground-based and aero-medical services to provide pre-hospital care.

**Emergency Management Agency (EMA):** Organizations, both local and State, that coordinate preparation, recognition, response, and recovery for WMD and/or catastrophic incidents.

**Fire Service (FS):** Individuals who, on a full-time, part-time, or voluntary basis, provide life-safety services, including fire suppression, rescue, arson investigation, public education, and prevention.

**Hazardous Materials Personnel (HZ):** Individuals, who, on a full-time, part-time, or voluntary basis, identify, characterize, provide risk assessment, and mitigate/control the release of a hazardous substance or potentially hazardous substance.

**Public Works (PW):** Organizations and individuals who make up the public/private infrastructure for the construction and management of these roles at the Federal level. The categories/roles include administration, technical, supervision, and craft (basic and advanced).

**Governmental Administrative (GA):** Elected and appointed officials responsible for public administration of community health and welfare during an incident.

**Public Safety Communications (PSC):** Individuals who, on a full-time, part-time, or voluntary basis, through technology, serve as a conduit and put persons reporting an incident in touch with response personnel and emergency management, in order to identify an incident occurrence and help support the resolution of life-safety, criminal, environmental, and facilities problems associated with the event.

**Healthcare (HC):** Individuals who provide clinical, forensic, and administrative skills in hospitals, physician offices, clinics, and other facilities that offer medical care, including surveillance (passive and active), diagnosis, laboratory evaluation, treatment, mental health support, epidemiology investigation, and evidence collection, along with fatality management for humans and animals.

**Public Health (PH):** Individuals who prevent epidemics and the spread of disease, protect against environmental hazards, promote healthy behaviors, respond to disasters and assist in recovery, as well as assure the quality and accessibility of health services.

Course Levels

NTED offers courses at the awareness, performance, and management and planning levels to accommodate different job functions of the first responder community. Awareness level courses are designed for responders who require the skills necessary to recognize and report a potential catastrophic incident or who are likely to witness or investigate an event involving the use of hazardous and/or explosive devices. Performance level courses are designed for first responders who perform tasks during the initial response to a catastrophic event, such as safeguarding the at-risk public, rescuing victims, decontaminating victims. Management and planning level courses are
designed, as the title suggests, for managers who build plans and coordinate the response to a mass consequence manmade or natural event.

About Our Training Providers

NTED draws upon a diverse group of training providers, also referred to as training partners, to develop and deliver NTED approved training courses. These training providers include the National Domestic Preparedness Consortium (NDPC), the Rural Domestic Preparedness Consortium (RDPC), and the Naval Postgraduate School (NPS), among others. The National Domestic Preparedness Consortium (NDPC) is a partnership of several nationally recognized organizations whose membership is based on the urgent need to address counter-terrorism preparedness needs of the nation’s emergency first responders within the context of chemical, biological, radiological, and explosive WMD hazards. At present, the NDPC forms the core of the NTED training program. Its members are responsible for training the majority of the responders who go through the NTED program. NDPC members include:

- **Center for Domestic Preparedness (CDP) [https://cdp.dhs.gov/](https://cdp.dhs.gov/)**: FEMA's Center for Domestic Preparedness (CDP), located in Anniston, Alabama, is the United States Department of Homeland Security (DHS)'s only federally chartered Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) civilian training center. The CDP began operations in June 1998, and remains the only training center in the nation where civilian responders can train in a controlled toxic chemical agent, biological, and radiological environments. On March 31, 2007, the Noble Training Facility (NTF) was transferred from the U.S. Fire Administration (USFA) to the CDP. NTF is the only hospital facility in the United States dedicated to training hospital and healthcare professionals in disaster preparedness and response.

- **The Energetic Materials Research and Testing Center (EMRTC) at New Mexico Institute of Mining and Technology (NMIMT) [http://www.emrtc.nmt.edu/training/](http://www.emrtc.nmt.edu/training/)**: EMRTC provides specialized training that focuses on explosives and incendiary devices. This training includes controlled detonations of improvised explosives providing responders first-hand understanding of and experience with a range of improvised explosive devices from letter bombs to vehicle bombs.

- **National Center for Biomedical Research and Training (NCBRT) at Louisiana State University (LSU) [http://www.ncbrt.lsu.edu/](http://www.ncbrt.lsu.edu/)**: NCBRT specializes in curriculum on biological terrorism agents and topics in the law enforcement discipline, including prevention and deterrence. The biological curriculum is based on completed and ongoing studies on agents, such as anthrax, through a bio-safety level 3 laboratory.

- **National Emergency Response and Rescue Training Center (NERRTC) at Texas Engineering Extension Service (TEEX) [http://www.teex.org/nerrtc/](http://www.teex.org/nerrtc/)**: NERRTC prepares state and local officials for the management challenge posed by WMD through hands-on, scenario-driven training and computer-based simulations. The Emergency Operations Training Center uses state-of-the-art simulation and computer-based technologies to train first responders and city officials to manage a crisis through a unified command approach with realistic, real-time simulation and training analysis at a command-post level not provided by any other organization.

- **U.S. Department of Energy (DOE), Counter Terrorism Operations Support Program (CTOS) at Nevada Test Site (NTS) [http://www.ctosnnsa.org/](http://www.ctosnnsa.org/)**: CTOS delivers specialized training related to the detection, response, and mitigation of radiological/nuclear incidents, providing responders with hands-on experience in a controlled radiologically contaminated...
environment. CTOS is a one-of-a-kind outdoor laboratory and experimental center originally established as the Atomic Energy Commissions on-continent proving ground and has conducted more than four decades of nuclear weapons testing.

- **University of Hawaii (UH), National Disaster Preparedness Training Center (NDPTC)** [https://ndptc.hawaii.edu/](https://ndptc.hawaii.edu/): NDPTC works collaboratively to develop and deliver training and education in the areas of disaster preparedness, response, and recovery to governmental, private, tribal, and non-profit entities, and under-represented/under-served communities. It incorporates urban planning and environmental management, emphasizing community preparedness and addressing the needs of vulnerable at-risk populations.

- **Transportation Technology Center, Inc. (TTCI), National Center for Emergency Response in Surface Transportation (NCERST)** [http://www.aar.com/](http://www.aar.com/): TTCI provides unique training programs focusing on ground transportation. First responders experience hands-on exposure in responding to terrorist events, disasters, accidents and other critical incidents involving ground transportation including train tracks, locomotives, rail tanker cars, tank trucks, and hazardous chemical containers. TTCI also conducts training in mitigation, inspection, prevention, and emergency planning related to ground transportation.


In 2005, the Rural Domestic Preparedness Consortium (RDPC) was established to lead the development and delivery of homeland security all-hazards preparedness training to rural communities across the Nation. Led by Eastern Kentucky University, the RDPC is comprised of academic partners that possess extensive experience and unique capabilities in serving the rural emergency response community. These partners include: East Tennessee State University, University of California, Davis, NorthWest Arkansas Community College, The University of Findlay, and North Carolina Central University.

**Naval Postgraduate School (NPS), Center for Homeland Defense and Security (CHDS)** ([http://www.chds.us/](http://www.chds.us/))

The Naval Postgraduate School Center for Homeland Defense & Security (CHDS) has been the nation's premier provider of homeland security graduate and executive level education since 2002. NPS and the U.S. Department of Homeland Security are partnering to pioneer the development and delivery of homeland security education programs for governors, mayors and senior homeland security leaders from across a wide spectrum of disciplines in local, tribal, state and federal government, and the military. For more information on the Master's Degree program, Executive Leaders program and other resources including the Homeland Security Digital Library, please visit their website.

**Other Training Providers**

The following is a list of the other training partners who have developed or are developing training courses for NTED:

- Counterterrorism Operations Support (CTOS)
- Eastern Kentucky University (EKU)
- Frederick Community College (FCC)
- International Association of Fire Chiefs (IAFC)
- International Association of Fire Fighters (IAFF)
- Los Angeles Police Department (LAPD)
- National Sheriffs Association (NSA)
- University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism (UMD START)

**How Is the Training Delivered?**
NTED delivers training to qualified participants in three delivery modes:
1. Resident: At the training provider's own facility.
2. Mobile: At or near the location of the agency that requests the training.
3. Online: This self-paced training is delivered in an asynchronous format via computer and Internet connection.

Cost of Training

NTED training partners provide training at low or no cost to the individual or the individual's agency. Under most circumstances, NPD grant funds may be used for overtime and backfill for those attending courses, through the approval of the respective State Administrative Agency's (SAA) Training Point of Contact (TPOC). Many of the NTED's training providers offer train-the-trainer courses as a way to reach as many first responders as possible.

Training providers do not have a limitless supply of training for each State. Occasionally, a State exhausts the "free" training that is available. In these cases, NTED has an Excess Delivery Acquisition Program (EDAP). EDAP allows a NTED training partner to charge for a course delivery when more deliveries of a requested class are needed than the grant funds can accommodate. NTED pre-approves the cost of delivering the course so that States pay only for the cost of instruction, not the curriculum development costs that were paid by NTED training grant funds.

NPD Homeland Security Grant Program (HSGP) funds can be used to pay for the delivery of EDA classes with the approval of the SAA TPOC.

How to Apply for/Schedule a Course Delivery

Individuals, jurisdictions, or agencies wishing to attend residential training or schedule a delivery of a mobile class should not contact a training provider or other agency directly unless they have prior permission from their State Administrative Agency (SAA) State/Territory Training Point of Contact (TPOC).

Requests for residential training may be made for individual participants and/or groups of participants. Mobile training deliveries are only to be requested once a need has been identified and it is certain the hosting jurisdiction can meet the minimum attendance requirements for each requested instance of the course.

Here are generic steps to apply for mobile or residential training or request delivery of a mobile course for your jurisdiction or agency. The process may vary slightly in your state, however, all mobile and residential training must be authorized through your SAA TPOC.

1. Find a course - search the catalog to find the course you need to take.
2. If you do not have a FEMA SID or can't remember your FEMA SID visit https://cdp.dhs.gov/femasid/. There you will be able to register or retrieve your SID number.
   All participants for FEMA training must have a valid FEMA SID to attend courses, regardless of delivery mode (resident, mobile, or online)
3. Get approval through your internal chain of command.
4. Find your SAA TPOC here - all courses, other than online courses, must be authorized through your SAA TPOC.
5. Provide the SAA TPOC with the following information.
   - Course ID
   - Course Title
   - Training Provider

At this point, the process depends upon whether the course is an NTED or a CDP course.

NTED Courses:
An interested jurisdiction/agency contacts their respective SAA TPOC to request an NTED resident or mobile instructor-led course. It is then at the SAA TPOC's discretion to approve or not
approve the training request. If the SAA TPOC agrees to the training request, he/she contacts the training partner directly with information about the specific course to schedule, the number of participants interested in attending the course, and a listing of preferred dates. Once the SAA TPOC and the training partner agree on course availability and dates, the SAA TPOC informs the requesting jurisdiction/agency and further logistical coordination ensues (i.e. exact location, dates, and times of the training). Additional information, logistics, and/or paperwork may be required and will be coordinated by the training partner with the SAA TPOC or a jurisdiction/agency contact (designated by the SAA TPOC).

CDP Courses:

Resident Training: Before registering for a program at CDP you must have a FEMA Student Identification (SID) number and a CDP Training Administration System (CTAS) account. If you do not have a FEMA SID or can't remember your FEMA SID, visit https://cdp.dhs.gov/femasid/. There you will be able to register or retrieve your SID number. Once you have your FEMA SID you can continue with the registration process outlined below.

Step 1: If you haven't already, register for a CTAS account at https://cdp.dhs.gov/elms/
Step 2: State, local and tribal students should complete the Training Course Application and Medical Screening Form, filling in the electronic form(s) and printing before submitting. Federal, international and private sector students, contact the CDP at studentservices@cdpemail.dhs.gov
Step 3: Process the application through your chain of command/local approval authority.
Step 4: Submit the completed application to your State Administrative Agency (SAA) Training Points of Contact (TPOC) http://cdp.dhs.gov/training/resident/#resident-coordinators
Step 5: The SAA TPOC will review the application and forward it to the CDP for scheduling.

Non-Resident (Mobile) Training: To begin the process, the jurisdiction, agency, or SAA TPOC contacts the CDP Non-Resident Training Specialist to convey information about the course he/she wants to schedule, the number of people he/she wants to send to the course, and the dates he/she would like to request. In the event a jurisdiction or agency contacts the CDP directly, coordination will be made with the SAA TPOC to prevent conflicts with the state's training calendar. Once CDP and the jurisdiction/agency, and SAA TPOC agree on course availability and dates, the CDP Non-Resident Training Specialist will coordinate directly with the requesting jurisdiction/agency (at the SAA TPOC's discretion) to coordinate the exact location, dates, and times of the training. Additional information and/or paperwork may be required and will be coordinated by the CDP Non-Resident Training Specialist along with other logistical information. For a full list of available CDP course offerings, please visit: http://cdp.dhs.gov/.

For general questions about NTED and its training programs: firstrespondertraining@fema.dhs.gov
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NTED Courses
Course Details
Awareness Courses
POC Work Email: Juan.Guerrero@teex.tamu.edu
Course Details Link:  https://teex.org/nerrtconline
Biological Incidents Awareness

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident
Course Level: Awareness
Duration (in Hours): 7.0
Duration (in Days): 1.0

Continuing Education Units:
General: .7

Course Description:
This awareness-level course provides a brief overview of biological incidents that have occurred in the recent past; 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). The course is designed to help participants recognize when a biological incident is underway, take steps to report it, and know how to protect themselves during a biological incident.

Course Objectives:
At the end of this course, participants will be able to:

- Describe the key success factors in reacting effectively to a biological incident
- Discuss basic facts about biological incidents
- Recognize signs that suggest a biological incident is taking place
- Apply self-protection principles during a biological incident
- Respond more effectively to a biological incident

Other Prerequisites:
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

Primary Core Capability:
Threats and Hazard Identification


Mission Areas: Respond

Training Certificates:
Louisiana State University Certificate of Completion
Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtrt.lsu.edu
Biological Incidents Awareness, Train-the-Trainer

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: .8

Course Description:
This awareness-level course provides a brief overview of biological incidents that have occurred in the recent past; 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). The course is designed to help participants recognize when a biological incident is underway, take steps to report it, and know how to protect themselves during a biological incident.

Course Objectives:
At the end of this course, participants will be able to:
Describe the key success factors in reacting effectively to a biological incident,
Discuss basic facts about biological incidents,
Recognize signs that suggest a biological incident is taking place,
Apply self-protection principles during a biological incident,
Respond more effectively to a biological incident.

Other Prerequisites:
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

Primary Core Capability:
Threats and Hazard Identification


Mission Areas: Respond

Discipline(s): Emergency Medical Services, Fire Service, Hazardous Material, Health Care, Law Enforcement, Public Health

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtrt.lsu.edu
Law Enforcement Prevention and Deterrence of Terrorist Acts

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident
Course Level: Awareness
Duration (in Hours): 14.0
Duration (in Days): 2.0

Course Description:
This course focuses on the recognition, prevention, and deterrence of terrorist activity and criminal high-consequence incidents for law enforcement and other public safety professionals (such as investigators, parole or probation officers, public health investigators, EMS, fire service, and others in public safety-related positions).

Course Objectives:
At the end of this course, participants will be able to:
- explain the importance of recognizing, preventing, and deterring terrorist activity,
- use a baseline knowledge of concepts and terminology associated with terrorist attacks to be better prepared to identify signs of suspicious behavior related to terrorism,
- describe the strategies, activities, and tactics of terrorist attack planning and implementation in order to recognize indicators of terrorism and interdict or disrupt attacks,
- evaluate whether materials and makeshift labs are associated with the production of CBRNE agents,
- judge the authenticity of identification documents (IDs),
- appropriately act on information that can assist with the prevention and deterrence of terrorism, implement prevention and deterrence concepts to enhance their abilities to complete duties in their day-to-day jobs.

Other Prerequisites:
Participants must be US citizens and have FEMA student identification numbers with them on the first day of class. The NCBRT Training Coordinator can direct you to the website to obtain the FEMA student ID numbers.

Primary Core Capability:
Intelligence and Information Sharing

Secondary Core Capability(s): Interdiction and Disruption

Mission Areas: Prevent

Discipline(s): Emergency Medical Services, Fire Service, Hazardous Material, Law Enforcement, Other, Security and Safety

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Deyvon Cooper
POC Work Phone: 225-578-4993
POC Work Email: dcooper@ncbrt.lsu.edu

Course Details Link: www.ncbrt.lsu.edu
Law Enforcement Prevention and Deterrence of Terrorist Acts, Train-the-Trainer

**Training Provider:** Louisiana State University
**Course Level:** Awareness
**Duration (in Hours):** 15.0
**Duration (in Days):** 2.0

**Course Description:**
This course focuses on the recognition, prevention, and deterrence of terrorist activity and criminal high-consequence incidents for law enforcement and other public safety professionals (such as investigators, parole or probation officers, public health investigators, EMS, fire service, and others in public safety-related positions).

**Course Objectives:**
At the end of this course, participants will be able to:
- explain the importance of recognizing, preventing, and deterring terrorist activity,
- use a baseline knowledge of concepts and terminology associated with terrorist attacks to be better prepared to identify signs of suspicious behavior related to terrorism,
- describe the strategies, activities, and tactics of terrorist attack planning and implementation in order to recognize indicators of terrorism and interdict or disrupt attacks,
- evaluate whether materials and makeshift labs are associated with the production of CBRNE agents,
- judge the authenticity of identification documents (IDs),
- appropriately act on information that can assist with the prevention and deterrence of terrorism, implement prevention and deterrence concepts to enhance their abilities to complete duties in their day-to-day jobs

**Other Prerequisites:**
Participants must be US citizens and have FEMA student identification numbers with them on the first day of class. The NCBRT Training Coordinator can direct you to the website to obtain the FEMA student ID numbers.

**Primary Core Capability:**
Intelligence and Information Sharing

**Secondary Core Capability(s):** Interdiction and Disruption, Screening, Search, and Detection

**Mission Areas:** Prevent

**Discipline(s):** Emergency Medical Services, Fire Service, Hazardous Material, Law Enforcement, Other, Security and Safety, Transportation

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Deyvon Cooper
POC Work Phone: 225-578-4993
POC Work Email: dcooper@ncbrt.lsu.edu

**Course Details Link:** [www.ncvrt.lsu.edu](http://www.ncvrt.lsu.edu)
**Law Enforcement Prevention and Deterrence of Terrorist Acts, Indirect**  
**Training Provider:** Louisiana State University  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 14.0  
**Duration (in Days):** 2.0

**Course Description:**
This course focuses on the recognition, prevention, and deterrence of terrorist activity and criminal high-consequence incidents for law enforcement and other public safety professionals (such as investigators, parole or probation officers, public health investigators, EMS, fire service, and others in public safety-related positions).

**Course Objectives:**
At the end of this course, participants will be able to:
- explain the importance of recognizing, preventing, and deterring terrorist activity.,
- use a baseline knowledge of concepts and terminology associated with terrorist attacks to be better prepared to identify signs of suspicious behavior related to terrorism.,
- describe the strategies, activities, and tactics of terrorist attack planning and implementation in order to recognize indicators of terrorism and interdict or disrupt attacks.,
- evaluate whether materials and makeshift labs are associated with the production of CBRNE agents.,
- judge the authenticity of identification documents (IDs).,
- appropriately act on information that can assist with the prevention and deterrence of terrorism,
- implement prevention and deterrence concepts to enhance their abilities to complete duties in their day-to-day jobs.

**Other Prerequisites:**
Participants must be US citizens and have FEMA student identification numbers with them on the first day of class. The NCBRT Training Coordinator can direct you to the website to obtain the FEMA student ID numbers.

**Primary Core Capability:**
Intelligence and Information Sharing

**Secondary Core Capability(s):** Interdiction and Disruption, Screening, Search, and Detection

**Mission Areas:** Prevent

**Discipline(s):** Emergency Medical Services, Fire Service, Hazardous Material, Law Enforcement, Other, Security and Safety

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Deyvon Cooper  
POC Work Phone: 225-578-4993  
POC Work Email: dcooper@ncbrt.lsu.edu

**Course Details Link:** [www.ncbrt.lsu.edu](http://www.ncbrt.lsu.edu)
Course Description:
This course 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 to 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.

Course Objectives:
At the end of this course, participants will be able to:
- recognize common characteristics associated with counterfeit and altered domestic and international identity documents.

Other Prerequisites:
All class participants must be sworn members of a federal, state, or local law enforcement agency. Prior to the class being conducted, each agency must verify that each participant has met all prerequisites for class attendance. Because of the sensitive nature of the materials presented during this class, participants are required to present class instructors with agency-issued photo identification and credentials during the introductory session of the class.

Primary Core Capability:
Access Control and Identity Verification

Secondary Core Capability(s): Intelligence and Information Sharing, On-scene Security, Protection, and Law Enforcement

Mission Areas: Prevent

Discipline(s): Law Enforcement

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
deiyvon Cooper
POC Work Phone: 225-578-4993
POC Work Email: dcooper@ncbrt.lsu.edu

Course Details Link: [www.ncbrt.lsu.edu](http://www.ncbrt.lsu.edu)
Understanding and Planning for School Bomb Incidents

Training Provider: New Mexico Institute of Mining and Technology

Delivery Type: Mobile/Non-Resident

Course Level: Awareness

Duration (in Hours): 4.0
Duration (in Days): 1.0

Continuing Education Units:
General: .4

Course Description:
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 develop actionable items specific to an individual's school needs.

Course Objectives:
At the end of this course, participants will be able to:
- Describe critical decision-making moments during a school bomb threat.
- Develop the ability to validate a school bombing threat.
- Identify pre-detonation response strategies in a school environment.
- Identify post-detonation response strategies in a school environment.

Other Prerequisites:
United States Citizenship

Primary Core Capability:
Planning

Secondary Core Capability(s): Situational Assessment

Mission Areas: Prevent

Discipline(s): Education, Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu
POC Information: Registration Contact: http://www.emrtc.nmt.edu/training/portal
Training Provider: New Mexico Institute of Mining and Technology
Delivery Type: Online/Distance Learning

Course Level: Awareness
Duration (in Hours): 4.0
Duration (in Days): 0.0

Course Description:
UPSBI addresses the issues involved in school bomb threats; and designing safe and effective response plans for school bomb incidents. In addition, UPSBI provides the tools and information needed to develop or assess an existing school bomb incident response plan. The course has numerous resources which include full text documents concerning school emergency management plans, the threat assessment process, planning a functional school training program, and links to FEMA online training for school administrators.
This online course may be found at http://campus.emrtc.nmt.edu/campus/

Course Objectives:
At the end of this course, participants will be able to:
Describe factors involved in school bomb threats, Identify critical response actions, Recognize primary components of an improvised explosive device (IED), Identify critical components of a school bomb related response plan

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Mission Areas: Respond
Discipline(s): Emergency Medical Services, Fire Service, Law Enforcement

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu
Continuing Education Units:
General: .4

Course Description:
The 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. It also serves as a cursory introduction to cyber threats, vulnerabilities and countermeasures. It explains vulnerabilities of computer systems and networks and how these vulnerabilities can affect communities. The course introduces actions communities can take in establishing a cyber security program.

Course Objectives:
At the end of this course, participants will be able to:
Identify reasons why communities are vulnerable to cyber attack., Differentiate between the levels of cyber security threats., Recognize that terrorists are capable of, and planning to use, computers to attack American communities and citizens., Describe how everyone is affected by and has a role in cyber security efforts., List ways cyber can affect the physical world., Recognize the purpose of the Community Cyber Security Maturity Model., State one technique for enhancing security awareness among community leaders., Give one example of how a community can share cyber security-related information., Identify at least two kinds of exercises., Recognize that cyber security exercises are as important as other exercises to protect their organization, community, state and nation.

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Community Resilience, Infrastructure Systems, Intelligence and Information Sharing, Long-term Vulnerability Reduction, Operational Coordination, Physical Protective Measures, Planning, Screening, Search, and Detection, Threats and Hazard Identification

Mission Areas: Prevent, Protect

Discipline(s): Citizen/Community Volunteer, Emergency Management, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Other, Public Health, Public Safety Communications, Public Works, Security and Safety, Transportation

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu
Network Assurance, Web-Based

Training Provider: Texas Engineering Extension Service  
Course Level: Awareness

Delivery Type: Online/Distance Learning  
Duration (in Hours): 5.0

Duration (in Days): 0.0

Continuing Education Units:
General: .5

Course Description:
Network Assurance 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.

Course Objectives:
At the end of this course, participants will be able to:
Understand the purpose of a firewall, application layer firewalls, and stateful packet inspection firewalls, Differentiate between NAT and PAT firewalls, Understand the purpose of Intrusion Detection Systems, Understand the general functionality of host based and network based IDS, Understand anomaly detection, Understand the purpose and protection of Intrusion Prevention Systems and and host IPS, Understand the need for maintaining the security of encryption keys, Differentiate between common encryption standards, Understand common VPN topologies and configurations (tunneling, etc.), Understand encryption algorithms at varying layers of the TCP/IP stack, Understand the purpose of logging and auditing, Understand data logging in Unix (and related) systems and in Windows, Understand the need for securing log files, Obtain familiarity with common functionality offered by Windows and Unix auditing tools, Differentiate between authentication and authorization, Demonstrate knowledge of Kerberos, Distinguish between other common authentication protocols, Obtain familiarity with access control lists, Understand common directory services (LDAP, Active Directory, etc.), Demonstrate knowledge of honey pots including guidelines and potential gains and risks in honey pot deployment, Understand the general principles for securing file server, Obtain familiarity with procedures for securing general DNS DNS servers, e-mail servers, DHCP servers, web servers, and databases, Understand core router planes of operation, Understand the concept of Role Based IP Addressing, Obtain familiarity with ingress/egress filtering, Understand AAA services and routers, Understand the benefit of Traffic Flow information, Obtain familiarity with separation of duties, Differentiate between policies and procedures, Understand the rules for crafting acceptable use policies, Demonstrate knowledge of good patch management, common attack vectors, and methods to secure clients against attacks, Demonstrate knowledge of policies to ensure insiders do not compromise security.

Other Prerequisites:
Participants must have some knowledge of basic computer hardware and software

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Community Resilience, Infrastructure Systems, Planning

Mission Areas: Protect


Training Certificates:
Texas Engineering Extension Service Certificate of Completion
Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu
Course Details Link: https://teex.org/nerrtconline
**Course Title:** Digital Forensics Basics, Web-Based

**Training Provider:** Texas Engineering Extension Service

**Delivery Type:** Online/Distance Learning

**Course Level:** Awareness

**Duration (in Hours):** 5.0

**Duration (in Days):** 0.0

**Continuing Education Units:**
General: .5

**Course Description:**
This course covers investigative methods and standards for the acquisition, extraction, preservation, analysis and deposition of digital evidence from storage devices. This 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.

**Course Objectives:**
At the end of this course, participants will be able to:
- Explain Data Storage, Components of Common Storage Devices, Memory Management, and File System Organization.
- Identify the Forensics Investigative Process, Requirements, Documentation, and rules for collecting and acquiring evidence.
- Describe evidentiary reporting to include activities of expert witnesses, types of acceptable evidence, and the requirements of written and oral reports.
- Understand forensics issues pertaining to cloud computing, as well as mobile and gaming console devices.

**Other Prerequisites:**
None

**Primary Core Capability:**
Forensics and Attribution

**Secondary Core Capability(s):** Forensics and Attribution

**Mission Areas:** Protect

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Fire Service, Health Care, Information Technology, Law Enforcement, Other, Public Health, Public Safety Communications, Security and Safety

**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu

**Course Details Link:** [https://teex.org/nerrtconline](https://teex.org/nerrtconline)
Introduction to Radiological Nuclear WMD Operations

Training Provider: Counterterrorism Operations Support
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 4.0
Duration (in Days): 1.0
Continuing Education Units:
General: 1

Course Description:
The purpose of the Introduction to Radiological/Nuclear Operations, AWR-140, course, is to provide 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. This will be accomplished by explaining protective actions and presenting administrative and engineering controls/procedures to help minimize health risks during a radiological emergency.

The course also covers material found at the operations level and meets a large portion of NFPA-472 Annex D-Analyzing the Incident. Participants who complete this course (AWR-140) along with the CTOS Instrument Course and Operations Response to Radiological/Nuclear WMDs will have completed the competencies, behaviors and tasks found in NFPA-472 Annex D and met the intent of the Standard.

Course Objectives:
At the end of this course, participants will be able to:

Upon completion of the first module, the participant will be able to explain the concepts of ionizing radiation, its sources, properties and units of measure. The participant will be able to describe the potential harm and biological effects caused by ionizing radiation. Upon completion of the second module the participant will be able to recognize possible radiological/nuclear WMD threats that could occur, and to understand the consequences of a radiological/nuclear accident or terrorist incident. Upon completion of the third module the participant will describe the recognition indicators and notification requirements of a first responder during a radiological/nuclear WMD incident. Upon completion of the fourth module, the participant can identify and initiate awareness level protective actions at the scene to reduce radiation exposure and/or contamination to themselves and others.

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Environmental Response/Health and Safety, Health and Social Services, Physical Protective Measures, Public Health, Healthcare, and Emergency Medical Services, Situational Assessment

Mission Areas: Respond

Training Certificates:
NTED
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Continuing Education Units:
General: 1

Course Description:
The intent of this course is to prepare trainers to deliver the WMD radiological/nuclear awareness course. It focuses on the delivery of the AWR-140 course, including class preparation, instructional techniques, completion of course paperwork, and notes and delivery tips, slide groupings, key points, and information to aid instruction.

Course Objectives:
At the end of this course, participants will be able to:
Terminal Learning Objective: Prepare remote instructors to present the AWR-140 Weapons of Mass Destruction (WMD) Radiological/Nuclear Awareness course, given course materials, in accordance with guidelines presented in the AWR 140-1 and AWR-140 instructor guides.

Enabling Learning Objectives:
1. Explain how to prepare for the presentation of AWR-140, given a classroom, AWR-140 Instructor Guide, and course materials, in accordance with Module 1.0: Preparation for Instruction.
2. Explain how to conduct AWR-140, given a classroom and AWR-140 course materials, in accordance with AWR-140 Instructor Guide and Module 2.0: Conduct Class.
3. Explain how to group course content, incorporate key points and intent of each module of AWR-140, in accordance with AWR-140 instructor guide and Key Points of Instruction sections at the beginning of each module.
4. Explain how to utilize the contents of the AWR-140 remote trainer CD to conduct an AWR-140 class, in accordance with AWR-140-1 lesson plan Module 4.0: Remote Trainer CD Contents.

Prerequisite(s): WMD Radiological/Nuclear Awareness Course (AWR-140)

Primary Core Capability:
Situational Assessment

Secondary Core Capability(s):
Environmental Response/Health and Safety, Public Information and Warning

Mission Areas:
Respond

Discipline(s):

Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
WMD Radiological/Nuclear Awareness Course Web-Based

Training Provider: Counterterrorism Operations Support
Delivery Type: Online/Distance Learning
Course Level: Awareness
Duration (in Hours): 3.0
Duration (in Days): 0.0

Continuing Education Units:
General: 1

Course Description:
This course presents a WMD radiological/nuclear overview designed for first responders and other personnel who, in the course of their normal duties, are likely to be the first to arrive on the scene of a radiological/nuclear incident. It focuses on the basics of radiation, possible health effects, hazard identification, proper notification procedures, and the radiological/nuclear threat.
To register for this course, visit: www.ctosnnsa.org

Course Objectives:
At the end of this course, participants will be able to:
Define the fundamentals of radiation, radioactive material, ionization, and contamination., Describe the indicators, signs, and symptoms of exposure to radiation., Recognize the presence of radiological material from radiological postings (colors and symbols), container shapes/types, or unusual signs that may indicate the threat of a radiological incident., Execute the notification procedures according to local standard operating procedures (SOP)., Describe the radiological/nuclear WMD threat and its potential impact on the community.

Primary Core Capability:
Situational Assessment

Secondary Core Capability(s): Environmental Response/Health and Safety, Public Information and Warning

Mission Areas: Respond


Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Port and Vessel Security for Public Safety and Maritime Personnel

Training Provider: Rural Domestic Preparedness Consortium  
Course Level: Awareness  
Delivery Type: Mobile/Non-Resident  
Duration (in Hours): 8.0  
Duration (in Days): 1.0

Continuing Education Units:  
General: 8

Course Description:  
This instructor-led course is designed to provide participants with the basic competencies associated with port and vessel security as well as a working knowledge of maritime security appropriate to public safety responders in rural jurisdictions. The participants will be given instruction concerning specific maritime security regulations affecting facilities and vessels (e.g., MARSEC levels, SSI, TWIC, etc.) as well as potential hazards in the dock and vessel environment. Additional resources, such as HOMEPORT and Area Maritime Security Committees will also be discussed.

Course Objectives:  
At the end of this course, participants will be able to:  
Describe the characteristics of the U.S. Marine Transportation System (MTS) including the economic impact nationally as well as in their respective states;, List common vessel types encountered in local area and define basic maritime terminology;, Describe risks to the maritime sector that they might encounter in their respective jurisdictions such as ferries/passenger vessels, cargo vessels, facility intrusions, cyberattacks, natural disasters, etc., List relevant U.S. codes, laws, and regulations important to the security posture of the facilities and vessels in their jurisdictions;, Describe major concepts concerning sensitive security information;, Describe the security measures required at each MARSEC level;, Explain the significance of the TWIC card, including vetting procedures, security features, and suggestions for interface with facilities when TWIC violations occur;, Describe dock and vessel safety concepts as they relate to law enforcement, fire service, emergency medical services, emergency management, public works, and natural resources personnel when responding to an incident;, Utilize the Homeport site to obtain information about maritime security; and, Explain how their participation in the Area Maritime Security Committee will assist in integrating their response role with the wider port security stakeholder group.

Other Prerequisites:  
Course Participants must be U.S. citizensIS-100, IS-700 are recommended

Primary Core Capability:  
Intelligence and Information Sharing

Mission Areas: Protect, Respond, Recover, Mitigation

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Law Enforcement, Public Health

Training Certificates:  
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:  
Registration Desk  
POC Work Phone: 877-855-7372  
POC Work Email: helpdesk@ruraltraining.org
Rail Car Incident Response

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 8.0
Duration (in Days): 1.0

Course Description:
This 8-hour instructor led course has been developed to educate emergency responders on freight rail car incidents involving hazardous materials. As more and more rail traffic transports cargo, including hazardous materials, it is critical that emergency responders are well trained. The increase in traffic adds to the already present risk of transportation incidents involving hazardous cargo. In addition, since a majority of the rail traffic travels through rural America, it is important that the often times resource limited rural responder community become educated about the dangers and unique hazards presented with rail cars. The information covered in this course will enhance the ability of emergency responders, especially rural emergency responders, to help mitigate a rail car incident by determining complexity and understanding resources needed to remediate the emergency.

Course Objectives:
At the end of this course, participants will be able to:

- Identify the design and construction of the rail tank car; the components of the rail car; and the information conveyed in the rail car stenciling and markings
- Recognize the chemical being transported and its physical, chemical, and toxicological properties that dictate the transportation requirements and the manner in which the chemical must be considered in an emergency situation
- Assess the incident scene to determine the damage to the car and the potential hazard to people, property, and the environment from a release of the chemical and appropriate protective action to be taken
- Recognize the appropriate and safest response strategies such as defensive, offensive, or non-intervention taking into account responder training competencies and resources
- Recognize the many interests represented by the potential stakeholder at a rail car incident and how to effectively integrate into a unified command structure.

Identify federal, state and private sector resources available to assist in the response.

Other Prerequisites:
Participant must be a U.S. citizen IS 100: Introduction to the Incident Command System (ICS)

Primary Core Capability:
Planning

Mission Areas: Prevent, Protect, Respond

Discipline(s): Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Law Enforcement, Public Safety Communications, Public Works

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
**Course Description:**
The purpose of the Crisis Management for School-Based Incidents – Partnering Rural Law Enforcement, First Responders, and Local School Systems course is to educate rural law enforcement personnel as well as school administrators and personnel on the elements that must be in place to effectively respond to an emergency at a school building or an entire school system.

**Course Objectives:**
At the end of this course, participants will be able to:
Will be able to state the course purpose, goals and objectives, explain how law enforcement personnel and school staff need to work collaboratively to prepare for and respond to school-based crisis events, Should attain recognizable skills and terminology relevant to school emergency planning and can describe some basic security and safety risks found in schools, Will be able to identify many of the different types of threats to schools and the levels of motivation by potential perpetrators’ capabilities, and modes of operation, Can identify and distinguish various response protocols used by schools and law enforcement as well as describe some of the devices used to instigate a school emergency incident, Participants will be able to explain the basic law enforcement expectations of the school and rural law enforcement will be able to explain the roles and responsibilities of their school partners regarding incident recovery to efficiently and effectively return the school and community to normal operation while maintaining a high-level of safety and accountability.

**Other Prerequisites:**
Participant must be a U.S. Citizen It is highly recommended that participants complete the following:
- IS 100.c -- Introduction to Incident Command System
- IS 700.b -- NIMS An Introduction
- IS 800.c -- National Response Framework, An Introduction
- IS 200.c – ICS for Single Resources and Initial Action Incidents

**Primary Core Capability:**
Risk Management for Protection Programs and Activities

**Secondary Core Capability(s):** Physical Protective Measures, Planning, Risk Management for Protection Programs and Activities

**Mission Areas:** Protect

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Other

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Julie Wilson
POC Work Phone: 606-677-6122
POC Work Email: jwilson@centertech.com

**Course Details Link:** [www.ruraltraining.org/training/schedule](http://www.ruraltraining.org/training/schedule)
Crisis Management for School-Based Incidents-Partnering Rural Law Enforcement, First Responders, and Local School Systems-Web-Based

AWR-148-W

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Online/Distance Learning
Course Level: Awareness
Duration (in Hours): 8.0
Duration (in Days): 0.0

Course Description:
This awareness-level course has been developed to educate rural emergency responders, in particular law enforcement, as well as school administrators and staff on the elements that must be in place to effectively respond to school-based emergencies. This course provides an opportunity for rural law enforcement and school personnel to develop a partnership with regard to school safety through effective collaborative planning, preparedness, communication, and coordination of resources. Topics covered during this course include: incident planning and preparedness, proactive threat mitigation, incident response and recovery, vulnerability assessments, threat assessment management, incident debriefing and defusing, and parent reunification. Upon completion of this course, participants will be better prepared to work together during a crisis. To register for this course, visit: www.ruraltraining.org/training/courses/awr-148-w/

Course Objectives:
At the end of this course, participants will be able to:
Define terminology that is commonly used in school emergency management., Review examples of commonly identified vulnerabilities of schools., Define and explain the targeted violence process., Define and explain threats from domestic threats, domestic violence spill-over, workplace violence and terrorism., List and define four types of threats., Define and explain the Threat Assessment Management process and the importance of the Threat Assessment Inquiry process, Define the three levels of lockdown and situation(s) that would initiate such a response protocol and the law enforcement., Describe the actions required for shelter-in-place, Describe considerations relating to improvised explosive devices (IEDs)., Describe Dual Gate Parent Reunification and critical roles of law enforcement., Describe the actions and expectations of school-based incident mental health defusing and debriefing, Describe issues surrounding incident anniversaries, memorials, and “copy-cat” events., Describe collaborative roles of law enforcement and schools in post-crisis communication., Identify training tools and resources available from both the law enforcement and school perspective.

Primary Core Capability:
Planning

Secondary Core Capability(s): Community Resilience, Intelligence and Information Sharing, On-scene Security, Protection, and Law Enforcement, Operational Coordination, Physical Protective Measures, Public Information and Warning, Risk Management for Protection Programs and Activities, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond, Recover, Common
Discipline(s): Other, Public Health, Public Safety Communications, Public Works

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
**Standardized Awareness Training**

**Training Provider:** Center for Domestic Preparedness  
**Course Level:** Awareness  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Delivery Type:** Mobile/Non-Resident, Residential, Indirect

**Continuing Education Units:**  
General: 1

**Course Description:**  
Standardized Awareness Training, is a 1-day, 8-hour training course that includes facilitated discussions, activities, and case studies. Topics in this course include: Prevention and Deterrence, Identification of Hazardous Materials and the ERG, Chemical Agents, Biological Agents, Radiological Materials and Nuclear Weapons, and Explosive Devices.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Identify terms and concepts that are applicable to the prevention and deterrence of terrorist and CBRNE incidents.  
- Identify hazardous materials, hazard classes, and response information using the Emergency Response Guidebook (ERG).  
- Discuss selected chemical agents including the physiological signs and symptoms of exposure, potential sources, indicators of an attack, physical characteristics.  
- Discuss selected biological agents, including the physiological signs and symptoms of exposure, potential sources, indicators of an attack, and physical characteristics.  
- Discuss radiation and radiological materials.  
- Discuss explosives, including the characteristics and the effects of a detonated explosive device.

**Other Prerequisites:**  
- AWR-160, WMD/Terrorism Awareness for Emergency Responders;  
- IS-100.a Introduction to the Incident Command System or any of the available ICS-100 series  
- IS-700.a National Incident Management System (NIMS), An Introduction.

**Primary Core Capability:**  
Environmental Response/Health and Safety

**Secondary Core Capability(s):** Interdiction and Disruption, Public Information and Warning, Screening, Search, and Detection, Situational Assessment

**Mission Areas:** Protect, Respond


**Training Certificates:**  
Center for Domestic Preparedness Certificate of Completion

**Course POC:**  
Michael Aguilar  
POC Work Phone: 256-231-0106  
POC Work Email: michael.aguilar@fema.dhs.gov
**Standardized Awareness Authorized Training, Train-the-Trainer**

**Training Provider:** Center for Domestic Preparedness  
**Delivery Type:** Mobile/Non-Resident, Residential  
**Course Level:** Awareness  
**Duration (in Hours):** 24.0  
**Duration (in Days):** 3.0

**Continuing Education Units:**  
General: 2.4

**Course Description:**  
The Standardized Awareness Authorized Training Program, Train-the-Trainer (SAAT) is a three-day course that provides supervisors and trainers with the information and skills required to instruct the Standardized Awareness Training at their local jurisdictions. The SAAT course covers the essential course material on chemical, biological, radiological, nuclear, or explosive (CBRNE) hazards and materials, prevention and deterrence methods, and the Emergency Response Guidebook (ERG), while emphasizing the skills and concepts the participants need for effective presentation of the course material to their local audience.

**Course Objectives:**  
At the end of this course, participants will be able to:  
1. Instill the knowledge and skills to plan, coordinate, conduct, and administer the SAT course.  
2. Share instructional best practices, instructional methodologies, and subject matter knowledge with new trainers so that they will be able to deliver reliable instruction regardless of delivery modality.  
3. Validate the ability of a trainer candidate to present and facilitate instruction in accordance with the SAT plan of instruction and associated instructional materials.

**Other Prerequisites:**  
- AWR-160 Standardized Awareness Training: this course can be taken online at the following website https://teexweb.tamu.edu/  
- Have a requirement or responsibility to train responders in the knowledge and skills of the SAT course;  
- Have successfully completed and received a certificate of completion for the AWR-160 Standardized Awareness Training course the day(s) prior; and  
- Have successfully completed the instructor qualification/certification requirements for the trainer’s agency, jurisdiction, or organization.

**Primary Core Capability:**  
Environmental Response/Health and Safety

**Secondary Core Capability(s):** Interdiction and Disruption, Public Information and Warning, Screening, Search, and Detection, Situational Assessment

**Mission Areas:** Protect, Respond


**Training Certificates:**  
Center for Domestic Preparedness Certificate of Completion

**Course POC:**  
Michael Aguilar  
POC Work Phone: 256-231-0106  
POC Work Email: michael.aguilar@fema.dhs.gov
**Conocimiento Sobre Armas de Destrucción Masiva/Terrorismo para Socorristas (WMD/Terrorism Awareness for Emergency Responders)**

**Training Provider:** Texas Engineering Extension Service  
**Delivery Type:** Online/Distance Learning  
**Course Level:** Awareness  
**Duration (in Hours):** 4.0  
**Duration (in Days):** 0.0

**Continuing Education Units:**  
General: .4

**Course Description:**  
Este curso en línea se centra en la capacitación a socorristas, a fin cumplir con los requisitos establecidos por la Asociación Nacional de Protección contra el Fuego (National Fire Protection Association, NFPA) 472 (Ed. 2008), Capítulo 4 "Competencias del personal en nivel introductorio" y la Administración de Seguridad y Salud Ocupacional (Occupational Safety and Health Administration, OSHA) Código de Reglamentaciones Federales (Code of Federal Regulations, CFR) 28 1910.120 (q) (6) (i) (a-f) competencias del "Nivel introductorio de primeros socorristas". Este curso realiza un abordaje integral de todos los incidentes con Materiales Peligrosos (Hazardous Materials, HazMat), incluidos actos de terrorismo que puedan involucrar materiales para armas de destrucción masiva (Weapons of Mass Destruction, WMD). Proporciona a los participantes el conocimiento para reconocer el material peligroso, auto protegerse, notificar a los demás y asegurar la escena.

**Course Objectives:**  
At the end of this course, participants will be able to:  
Prevención y disuasión, Identificación de materiales peligrosos y Guía de respuesta ante emergencias (Emergency Response Guide, ERG), Agentes químicos Agentes biológicos  
Materiales radiológicos y armas nucleares, Dispositivos de explosión

**Other Prerequisites:**  
No hay requisitos previos para esta clase.

**Primary Core Capability:**  
Environmental Response/Health and Safety

**Secondary Core Capability(s):** On-scene Security, Protection, and Law Enforcement

**Mission Areas:** Respond


**Training Certificates:**  
Texas Engineering Extension Service Certificate of Completion

**Course POC:**  
Kent Gardner  
POC Work Phone: 979-458-5614  
POC Work Email: kent.gardner@teex.tamu.edu

**Course Details Link:** [https://teex.org/nerrtconline](https://teex.org/nerrtconline)
Terrorism Awareness for Emergency First Responders, Web-Based

Training Provider: Texas Engineering Extension Service
Course Level: Awareness
Delivery Type: Online/Distance Learning
Duration (in Hours): 4.0
Duration (in Days): 0.0

Continuing Education Units:
General: .4

Course Description:
This course was developed to provide a web-based, cost effective alternative to previous awareness-level courses delivered in residence. This course focuses on training responders online to meet the requirements established in National Fire Protection Association (NFPA) 472, “Competencies for Awareness Level Personnel,” (chapter 4) 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.

The course encompasses an all-hazards approach to Hazardous Materials (HazMat) incidents, including acts of terrorism where WMD materials may have been used. This course provides the participants the knowledge to recognize the hazardous material, protect themselves, notify others, and secure the scene.

Course Objectives:
At the end of this course, participants will be able to:
- Explain awareness-level responder issues for application to Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) events,
- Identify and define terms and concepts that are applicable to the prevention and deterrence of terrorist and Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE) incidents,
- Identify and describe hazardous materials, hazard classes, and response information while using the Emergency Response Guide Book (ERG) and the National Fire Protection Association (NFPA) 704 Markings,
- Identify and describe selected chemical agents, including the physiological signs and symptoms of exposure, potential sources, indicators of an attack, and physical characteristics,
- Identify and describe selected biological agents, including the physiological signs and symptoms of exposure, potential sources, indicators of an attack, and physical characteristics,
- Identify and describe radiation health effects, terminology, detection equipment, radiological materials and sources, and weapons,
- Identify and describe explosives, including the characteristics and the effects of an explosion.

Primary Core Capability:
Environmental Response/Health and Safety


Mission Areas: Prevent, Protect, Respond


Training Certificates:
Course POC:
Kent Gardner
POC Work Phone: 866-878-8900
POC Work Email: kent.gardner@teex.tamu.edu
Course Details Link: https://teex.org/nerrtconline
**Course Description:**
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.

**Course Objectives:**
At the end of this course, participants will be able to:
- Discuss and understand the global threat environment directed at soft targets and identify sport event and special event threats.
- Build an effective risk management team.
- Relate threat, hazard, and risk management concepts and the self-assessment process for sports venues and events facilities.
- Identify, understand, and determine the best available physical and non-physical protective measures for sport event facilities/venues.
- Identify event and emergency operational planning considerations, including the importance of the event action plan and the difference between event planning and incident action planning.
- Develop and implement a staff training cycle relative to sport event security and safety management.
- Identify various exercise options and how to conduct an exercise involving key partners and evaluate performance in order to address gaps and ensure continuous improvement.
- Apply risk management procedures to a multi-agency, multi-discipline scenario.

**Other Prerequisites:**
Prerequisites are not mandatory, but participants are highly encouraged to complete:
- IS-100.B: Introduction to Incident Command System (ICS)
- IS-700.A: National Incident Management System (NIMS), an introduction
- IS-15.B: Special Events Contingency Planning for Public Safety Agencies
- IS-200.B: ICS for Single Resources and Initial Action Incidents

**Primary Core Capability:**
Planning

**Secondary Core Capability(s):**
Access Control and Identity Verification, Intelligence and Information Sharing, Operational Coordination, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment

**Mission Areas:**
Prevent, Protect

**Discipline(s):**

**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion
Course POC:
National Center for Spectator Sports Safety and Security
POC Work Phone: 601-266-4696
POC Work Email: NCS4Train@usm.edu
Course Details Link:  https://www.ncs4.com/train/sport-event-risk-management
Cyber Law and White-Collar Crime, Web-Based

Training Provider: Texas Engineering Extension Service
Delivery Type: Online/Distance Learning

Course Level: Awareness
Duration (in Hours): 10.0
Duration (in Days): 0.0

Continuing Education Units:
General: 1

Course Description:
This intermediate 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 legislations and organizational efforts to control or prevent such crimes. This 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.

Course Objectives:
At the end of this course, participants will be able to:
- Demonstrate knowledge of Internet regulation (Federal, state and self-regulations),
- Demonstrate knowledge of Online Contracting,
- Demonstrate knowledge of Consumer Protection and Employee Privacy,
- Demonstrate knowledge of the Federal Trade Commission (FTC) and Online Marketing,
- Demonstrate knowledge of the Computer Fraud and Abuse Act (CFAA),
- Demonstrate knowledge of the Wire Fraud Act,
- Demonstrate knowledge of the National Stolen Property Act,
- Demonstrate knowledge of Copyrights and Intellectual Property,
- Demonstrate knowledge of Website Domain Names and ICANN,
- Demonstrate knowledge of the Legality of Hyperlinking,
- Demonstrate knowledge of Cybersquatting and Related Laws,
- Demonstrate knowledge of Trademark and Cyberpiracy Prevention,
- Demonstrate knowledge of Online Identity Theft,
- Demonstrate knowledge of Online Retail Sales Fraud,
- Demonstrate knowledge of Internet Business Opportunity and Investment Fraud,
- Demonstrate knowledge of Online Auction Fraud and Federal Prosecution,
- Demonstrate knowledge of Cyber Crime and Electronic Evidence,
- Demonstrate knowledge of Search and Seizure Involving the Internet,
- Demonstrate knowledge of Electronic Evidence in Legal and Business Proceedings,
- Demonstrate knowledge of Computer Security and Incident Response,
- Demonstrate knowledge of Free Speech and Child Protection Laws,
- Demonstrate knowledge of the Legal Aspects of Gambling on the Internet,
- Demonstrate knowledge of Hate Speech on the Internet, and Related Legislation,
- Demonstrate knowledge of Anti-Hacking, Anti-Spyware, and Other Legal Concerns.

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Access Control and Identity Verification, Community Resilience, Infrastructure Systems, Intelligence and Information Sharing, Planning, Threats and Hazard Identification

Mission Areas: Protect

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Information Technology, Law Enforcement, Other, Public Safety Communications, Public Works, Security and Safety, Transportation

Training Certificates:
Texas Engineering Extension Service Certificate of Completion
Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu
Course Details Link: https://teex.org/nerrtconline
Cyber Incident Analysis and Response, Web-Based

Training Provider: Texas Engineering Extension Service

Delivery Type: Online/Distance Learning

Course Level: Awareness

Duration (in Hours): 9.0

Duration (in Days): 0.0

Continuing Education Units:
General: 1.1

Course Description:
Cyber Incident Analysis and Response covers various incident analysis tools and techniques that support dynamic vulnerability analysis and elimination, intrusion detection, attack protection and network/resources repair. The student will be presented with real-world examples and scenarios to help provide knowledge, understanding, and capacity for effective cyber incident analysis and response.

Course Objectives:
At the end of this course, participants will be able to:

Explain the concepts of cyber incident management. They will be able to explain the preparation phase of cybersecurity incident management policies; services and procedures; the organizational structure, roles and personnel; and cyber incident management training and awareness programs. Participants will be able to explain how to detect cyber incidents, cyber incident containment, eradication and recover and proactive and post incident services.

Prerequisite(s): Information Security for Everyone, Web-Based (AWR-175-W), Disaster Recovery for Information Systems, Web-Based (AWR-176-W)

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Community Resilience, Infrastructure Systems, Planning, Risk Management for Protection Programs and Activities, Threats and Hazard Identification

Mission Areas: Respond

Discipline(s): Citizen/Community Volunteer, Emergency Management, Fire Service, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Other, Public Health, Security and Safety

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
TEEX-Knowledge Engineering
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu

Course Details Link: www.teex.org/nerrtconline
Information Security Basics, Web-Based

Training Provider: Texas Engineering Extension Service
Delivery Type: Online/Distance Learning
Course Level: Awareness
Duration (in Hours): 13.0
Duration (in Days): 0.0

Continuing Education Units:
General: 1.3

Course Description:
Information Security Basics is designed to teach entry and mid-level IT workers the technological fundamentals of information security. The goal of this 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.

Course Objectives:
At the end of this course, participants will be able to:
- Explain the goals of the information security professional and attackers to include the four basic types of attacks most likely to be encountered.
- Explain Confidentiality, Integrity, and access controls as they apply to the Biba Integrity and Bell-LaPuda Confidentiality Models.
- Explain the use of a layered architecture model to design and secure a TCP/IP Network.
- Identify the common techniques of offensive attacks as well as defensive tactics and appliances available to include wireless vulnerabilities.
- Explain the vulnerabilities of current Operating Systems and the solutions to guard against common exploits.
- Recognize the different types of cryptographic algorithms and their vulnerabilities to include digital hardware encryption.

Other Prerequisites:
Participants should have some previous experience in IT administration.

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Access Control and Identity Verification, Screening, Search, and Detection

Mission Areas: Prevent, Protect, Respond, Recover


Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu

Course Details Link: https://teex.org/nerrtconline
Cyber Ethics, Web-Based

Training Provider: Texas Engineering Extension Service
Delivery Type: Online/Distance Learning
Course Level: Awareness
Duration (in Hours): 10.0
Duration (in Days): 0.0

Continuing Education Units:
General: 1.3

Course Description:
Cyber Ethics is designed to teach students 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.

Course Objectives:
At the end of this course, participants will be able to:
- Describe the theories of ethics,
- Describe cyber ethics and the unique scenarios that arise from the use of technology in society,
- Describe the perspectives of applied ethics,
- Describe ethical business practices,
- Describe the concepts of personal and public privacy,
- Describe the data collection and user consent,
- Describe privacy enhancing tools,
- Describe privacy laws,
- Describe industry self regulation,
- Describe intellectual objects and intellectual property,
- Apply ownership theory to intellectual property,
- Apply copyright laws to intellectual property,
- Describe topics relating to the protection of intellectual property,
- Describe other violations of intellectual property rights,
- Describe the ethical frameworks for varying professions,
- Describe ethical considerations of whistle-blowing,
- Describe the differences between responsibility, liability, and accountability,
- Describe freedom of speech, its scope online, and its abuses,
- Discuss the ethical issues associated with spam,
- Describe issues surrounding current pornography laws,
- Identify instances of hate speech and defamation in online formats,
- Describe the impact of software filters on freedom of speech,
- Define cybercrime terminology and identify types of cybercrime,
- Describe the practice of ethical hacking,
- Describe the ethical considerations of online civil disobedience and hacktivism,
- Describe online stalking, harassment, and other online crimes introduced by cyber technology

Other Prerequisites:
AWR-175 Information Security for Everyone, Web-Based

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Community Resilience, Infrastructure Systems, Planning

Mission Areas: Prevent, Protect

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Information Technology, Law Enforcement, Other, Public Works, Security and Safety, Transportation

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu

Course Details Link: https://teex.org/nerrtconline
Information Security for Everyone, Web-Based

Training Provider: Texas Engineering Extension Service  
Course Level: Awareness

Delivery Type: Online/Distance Learning  
Duration (in Hours): 10.5

Duration (in Days): 0.0

Continuing Education Units:
General: 1.1

Course Description:
Information Security for Everyone is designed to teach the principles and practices that all computer users need to keep themselves safe, both at work and at home. By presenting best practices along with a small amount of theory, trainees are taught both what to do and why to do it. Topics covered include how to secure both clean and corrupted systems, protecting your personal data, securing simple computer networks, and safe Internet usage.

Course Objectives:
At the end of this course, participants will be able to:
- Identify essentials needed to keep their data safe, both at home and at work,
- Describe anti-virus packages and types of protection frequently offered by anti-virus packages,
- Describe the types of malware defended against by common anti-virus packages,
- Differentiate between host based firewalls and network firewalls and need of using personal firewalls,
- Differentiate between an operating system and an application,
- Identify at least two common operating systems,
- Identify reasons why timely OS patching is critical,
- Describe how to configure a common operating system to automatically download and install patches,
- Differentiate between viruses, worms, and Trojans,
- Defend against malware infections using traditional anti-virus techniques,
- Identify indications of infection and recovering from malware infection (virus scan, manual clean, etc.),
- Describe spyware, risks accompanying spyware, and identify signs of spyware infection,
- Describe methods of recovering from spyware infection (scan, manual removal, etc.),
- Describe adware, differentiate between adware and spyware, and describe methods of recovering from adware infection,
- Describe P2P software and risks involving P2P communication,
- Describe wireless network, the security differences between WEP secured networks, WPA and WPA2 protocols,
- Describe brute force and dictionary password attacks,
- Identify examples of strong passwords/passphrases,
- Identify common network hardware such as routers, switches, and hosts,
- Describe the purpose of http, DNS, and IP addresses,
- Compare and contrast wireless and wired networks,
- Describe how to implement defense in depth,
- Describe the attributes of information security (CIA) and separation of duties,
- Describe encryption, why encryption is necessary for data transmitting over the network,
- Describe how to purge cookies and browser cache,
- Describe how to defeat quid-pro-quos attacks,
- Describe how to defeat shoulder surfing attacks,
- Describe how to defeat pre-texting attacks,
- Describe how to defeat dumpster diving attacks,
- Describe how to deal with browser exploits,
- Describe encrypted browsing (HTTPS) and Certificate Authorities,
- Describe methods of avoiding browser pop-ups,
- Describe available tools to ensure safer browsing,
- Describe browser-based protections against phishing,
- Describe what to do with suspicious messages,
- Describe how to avoid phishing scams,
- Describe what to do with spam messages and how to prevent spam messages,
- Describe IM risks and defenses,
- Describe other methods of protecting users while online

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s):
Access Control and Identity Verification, Screening, Search, and Detection
Mission Areas: Prevent, Protect


Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu

Course Details Link: https://teex.org/nerrtconline
Disaster Recovery for Information Systems, Web-Based

Training Provider: Texas Engineering Extension Service
Delivery Type: Online/Distance Learning

Course Level: Awareness
Duration (in Hours): 11.0
Duration (in Days): 0.0

Continuing Education Units:
General: 1.1

Course Description:
Disaster Recovery for Information Systems trains business managers to respond to varying threats that might impact their organization’s access to information. This 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.

Course Objectives:
At the end of this course, participants will be able to:
Demonstrate an understanding of business managers principles and practices of disaster recovery planning including:
- An overview of business continuity and disaster recovery planning,
- The planning process and strategies, Implementation and management of a disaster recovery pla,
- Work around procedures, Technical vulnerabilities faced by organizations, Legal issues that may confront an organization

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Economic Recovery, Intelligence and Information Sharing, Long-term Vulnerability Reduction, Planning, Risk Management for Protection Programs and Activities, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Recover, Common

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Other, Public Safety Communications, Public Works, Search & Rescue, Security and Safety, Transportation

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu

Course Details Link: https://teex.org/nerrtconline
Information Risk Management, Web-Based

Training Provider: Texas Engineering Extension Service
Delivery Type: Online/Distance Learning
Course Level: Awareness
Duration (in Hours): 13.0
Duration (in Days): 0.0

Continuing Education Units:
General: 1.3

Course Description:
This is an intermediate level course covering 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.

Course Objectives:
At the end of this course, participants will be able to:
Demonstrate understanding of the concept of risk, Demonstrate understanding of the concept of hazard, Demonstrate understanding of the concept of threat, Demonstrate understanding of the concept of vulnerability, Demonstrate understanding of the goal of information security risk management, Demonstrate understanding of the components of information security risk management, Demonstrate understanding of the distinctions between business continuity planning and risk management, Describe information security stakeholders, Describe the steps in the risk context process, List and describe the basic types of IT components, List the main hardware asset attributes that may be used in an asset inventory system, List the main procedure asset attributes that may be used in an asset inventory system, Describe human asset attributes that may be used in an asset inventory system, List the main methods used to collect asset inventory data, Demonstrate understanding of information confidentiality and impacts thereto, Demonstrate understanding of information integrity and impacts thereto, Demonstrate understanding of information availability and impacts thereto, Demonstrate knowledge of the steps of the NIST IT security framework, as it pertains to asset evaluation and business impact analysis, Demonstrate knowledge of categories used to designate information sensitivity within the information assets step of the NIST IT security framework, Demonstrate knowledge of asset valuation and criticality fundamentals

Prerequisite(s): Disaster Recovery for Information Systems, Web-Based (AWR-176-W)

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Access Control and Identity Verification, Community Resilience, Infrastructure Systems, Planning

Mission Areas: Prevent, Protect


Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu
Course Details Link: : [https://teex.org/nerrtconline](https://teex.org/nerrtconline)
Secure Software, Web-Based

Training Provider: Texas Engineering Extension Service

Delivery Type: Online/Distance Learning

Course Level: Awareness

Duration (in Hours): 5.0
Duration (in Days): 0.0

Continuing Education Units:
General: .5

Course Description:
Secure Software 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.

Course Objectives:
At the end of this course, participants will be able to:
- Demonstrate understanding of the concepts of reliability, predictability, and traceability,
- Demonstrate knowledge of software errors,
- Demonstrate understanding of the need for simplicity in secure software programming,
- Demonstrate understanding of vulnerabilities,
- Demonstrate knowledge of common security requirements,
- Demonstrate understanding of the concept of awareness,
- Demonstrate understanding of the importance of and uses of vulnerability databases,
- Demonstrate knowledge of input validation,
- Demonstrate understanding of the concepts of buffer overflow and race conditions,
- Demonstrate knowledge of countermeasures for secure programming,
- Demonstrate understanding of the basic principles of developing secure software systems,
- Demonstrate knowledge of compartmentalization and its implementation methods,
- Demonstrate understanding of the concepts of obscurity, obfuscation, and encapsulation,
- Demonstrate knowledge of a basic framework for software architecture design,
- Demonstrate understanding of the need for and benefits of security modeling,
- The trainee will demonstrate knowledge of five steps for secure design,
- Demonstrate knowledge of common design objectives,
- Demonstrate knowledge of simple techniques for damage confinement,
- Demonstrate an understanding of how and why to select an effective programming language,
- Demonstrate an understanding of how and why to select an effective compiler,
- Demonstrate knowledge of content filters,
- Demonstrate knowledge of why coding standards are used,
- Explain why a tester should think like an attacker,
- Demonstrate understanding of why a developer should think like an attacker,
- Demonstrate knowledge of the main objective of software security testing,
- Demonstrate knowledge of the properties and attributes of the main objective of software security testing

Prerequisite(s): Disaster Recovery for Information Systems, Web-Based (AWR-176-W)

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Community Resilience, Planning

Mission Areas: Prevent, Protect


Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu
Course Details Link:  https://teex.org/nerrtconline
<table>
<thead>
<tr>
<th>Course Title:</th>
<th>Terrorism and WMD Awareness in the Workplace, Web-Based</th>
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<td>Training Provider:</td>
<td>Rural Domestic Preparedness Consortium</td>
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<td>Delivery Type:</td>
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**Course Description:**
AWR 187W: Terrorism and WMD Awareness in the Workplace is a self-paced (approximately 1 hour) web-based training course to provide students with the ability to recognize, report, and react to potential terrorist threats in and around the workplace. Upon completion of this course, students will be able to effectively.

To register for this course, visit: www.ruraltraining.org/training/courses/awr=187-W

**Course Objectives:**
At the end of this course, participants will be able to:
Define terrorism and weapons of mass destruction., Recognize suspicious activity, vehicles, and objects., Identify the steps necessary to report potential acts of terrorism., Identify the steps necessary to react to terrorist incidents.

**Primary Core Capability:**
Threats and Hazard Identification

**Secondary Core Capability(s):** Community Resilience

**Mission Areas:** Common

**Discipline(s):** Citizen/Community Volunteer, Governmental Administrative, Law Enforcement, Security and Safety

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Dealing with the Media: A Short Course for Rural First Responders

Course Description:
AWR 209 Working with the Media: A Short Course for Emergency Responders is designed to provide emergency responders with the knowledge, skills, and abilities to interact with the media and perform public information functions in preparation for and during incidents. Many agencies from small and rural communities do not have a full- or part-time public information officer (PIO) on staff and responders often assume this responsibility without formal training and practice. The intent of this course is to prepare responders for interacting with the media when required, whether it be roadside at the scene of an incident or for conveying directions to the public in a crisis situation.

Course Objectives:
At the end of this course, participants will be able to:
Manage camera crews that show up unannounced at an incident scene., Know how to handle and control high-pressure TV interviews., Know where to look and what to say during the interview., Develop standard operating guidelines for responding to reporter calls., Use the Internet and social media for educating the public on hazards.

Other Prerequisites:
ICS 100ICS 700

Primary Core Capability:
Public Information and Warning


Mission Areas: Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Public Health

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Critical Infrastructure Security and Resilience Awareness

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident
Course Level: Awareness
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: .8

Course Description:
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.

Course Objectives:
At the end of this course, participants will be able to:
- Describe the challenge of critical infrastructure security and resilience,
- Summarize Federal policy and guidance for critical infrastructure security and resilience,
- Discuss the risk management framework,
- Describe the roles and responsibilities of various critical infrastructure partners,
- Describe critical infrastructure information sharing programs,
- Relate critical infrastructure programs to individual actions

Primary Core Capability:
Planning

Secondary Core Capability(s): Community Resilience, Infrastructure Systems, Intelligence and Information Sharing, Logistics and Supply Chain Management, Risk Management for Protection Programs and Activities

Mission Areas: Common

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
LAW Registration Desk
POC Work Phone: 800-423-8433
POC Work Email: law@teex.tamu.edu

Course Details Link: https://teex.org/Pages/Program.aspx?catID=459&courseTitle=Critical Infrastructure Protection
Tsunami Awareness

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Delivery Type: Mobile/Non-Resident
Course Level: Awareness
Duration (in Hours): 6.5
Duration (in Days): 1.0

Continuing Education Units:
IACET: .5

Course Description:
This course enhances the participants’ abilities to support their organizations’ tsunami preparedness and response efforts. It provides participants with an understanding of: The tsunami hazard, current hazard assessment tools and products, tsunami warning and dissemination systems and methods and methods of community response to local and distant tsunamis. At the conclusion of each module, students will participate in a facilitator-led scenario-based group activity that challenges them to identify effective actions that will reduce the impact of a tsunami in their communities. In these activities, participants apply their knowledge of the presented materials to actual tsunami preparedness, mitigation, and response issues. Through these exercises, participants come to understand how organizational preparedness and community-level planning tools support tsunami preparedness.

Course Objectives:
At the end of this course, participants will be able to:
Understand the basics of tsunami science and the tools for tsunami hazard assessment, Describe the tsunami warning process, Apply tsunami preparedness, mitigation, and response applications to organizational preparedness efforts, Apply their knowledge of materials covered in Modules 2 through 4 to at-risk tsunami communities impacted by a tsunami event

Primary Core Capability:
Public Information and Warning

Secondary Core Capability(s): Community Resilience, Operational Communications, Planning, Public Information and Warning, Risk and Disaster Resilience Assessment, Situational Assessment

Mission Areas: Mitigation

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Law Enforcement, Other, Public Works, Security and Safety, Transportation

Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu

Course Details Link: https://ndptc.hawaii.edu
Site Protection through Observational Techniques (SPOT)  

Training Provider: Louisiana State University  
Delivery Type: Mobile/Non-Resident  
Course Level: Awareness  
Duration (in Hours): 4.0  
Duration (in Days): 0.5

Course Description: 
This course helps public safety personnel improve their observational techniques by using a four-step ongoing screening process—assessing, identifying, evaluating, and acting. Participants will examine each step of the process and apply the concepts to fictional scenarios, photographs, and videos. 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.

Course Objectives: 
At the end of this course, participants will be able to: 
- Explain the importance of identifying preoperational activities. 
- Use active observation skills to enhance situational awareness. 
- Identify behaviors and activities that may be associated with a violent attack. 
- Choose an appropriate course of action based on their evaluation of an individual’s behaviors. 
- Apply concepts learned in this course to real-world scenarios.

Other Prerequisites: 
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

Primary Core Capability: 
Screening, Search, and Detection

Secondary Core Capability(s): Interdiction and Disruption, On-scene Security, Protection, and Law Enforcement

Mission Areas: Prevent
Discipline(s): Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Security and Safety

Training Certificates: 
Louisiana State University Certificate of Completion

Course POC: 
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtrt.lsu.edu
Site Protection through Observational Techniques (SPOT) Train-the-Trainer

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: .8

Course Description:
This course helps public safety personnel improve their observational techniques by using a four-step ongoing screening process—assessing, identifying, evaluating, and acting. Participants will examine each step of the process and apply the concepts to fictional scenarios, photographs, and videos. 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.

Course Objectives:
At the end of this course, participants will be able to:
- Explain the importance of identifying preoperational activities.
- Use active observation skills to enhance situational awareness.
- Identify behaviors and activities that may be associated with a violent attack.
- Choose an appropriate course of action based on their evaluation of an individual's behaviors.
- Apply concepts learned in this course to real-world scenarios.

Other Prerequisites:
To enroll in this course, participants must be U.S. citizens in the field of public safety.

Primary Core Capability:
Screening, Search, and Detection

Mission Areas: Prevent

Discipline(s): Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Security and Safety

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
**Site Protection through Observational Techniques, Customized**

**Training Provider:** Louisiana State University

**Delivery Type:** Mobile/Non-Resident

**Course Level:** Awareness

**Duration (in Hours):** 4.0

**Duration (in Days):** 1.0

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**Course Description:**
This course trains public safety personnel to improve their observational techniques by using an ongoing screening process that includes increasing protective awareness, identifying hostile surveillance detection techniques, evaluating, and taking action. First, participants will learn ways to increase their personal situational awareness and observation skills. Next, instructors will introduce participants to common behaviors and objects that are associated with preoperational terrorism activities. Participants will then learn to evaluate their observations associated with conducting hostile surveillance on a target and decide what action is appropriate: dismiss, continue observing, contact, or report.

**Course Objectives:**
At the end of this course, participants will be able to:
- Explain the importance of identifying preoperational activities.
- Use active observation skills to enhance situational awareness.
- Identify the process of establishing a baseline of an area and then apply that baseline understanding to the offender’s process of conducting hostile surveillance.
- Choose an appropriate course of action.

**Other Prerequisites:**
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

**Primary Core Capability:**
Screening, Search, and Detection

**Mission Areas:** Prevent

**Discipline(s):** Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Other, Security and Safety

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Deyvon Cooper
POC Work Phone: 225-578- 499
POC Work Email: dcooper@ncbtrt.lsu.edu
POC Information: Name: Deyvon Cooper E-mail Address: dcooper@ncbtrt.lsu.edu Telephone Number: 225-578- 4993 *Registration Contact: www.ncbtrt.lsu.edu
Community Resilience: Building Resilience from the Inside Out

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
IACET: .6

Course Description:
This one-day awareness-level training course aims to increase the awareness of the meaningful actions that a community can take to enhance resilience to natural hazards and opportunities to incorporate these actions into professional practice. Building community resilience requires a Whole Community Approach engaging the full capacity of the private and nonprofit sectors, including nongovernmental organizations and the general public, in conjunction with the participation of federal, state, and local governmental partners. The instructional goals of the training are to: 1) Increase knowledge and understanding of risks from natural hazards in the community; 2) Increase understanding of the impacts of natural hazards on community systems; 3) Provide knowledge and understanding about community resilience (CR) and how CR can benefit hazard planning including practices to enhance CR at the local level; and 4) Introduce participants to resources and tools that will help them identify the various components of risk to natural hazards and to identify strategies for integrating CR into existing plans and programs that are appropriate for their community. The course is intended for a range of organizations that have a role to play in increasing awareness of hazards, preparedness, mitigation, and recovery, in order to generate greater community resilience to hazards.

Course Objectives:
At the end of this course, participants will be able to:
- Identify natural hazards and their impacts on communities.
- Identify the components of community resilience (CR) and benefits of building resilience in all community systems.
- Identify and act on community resilience concepts and practices that can be instituted in their communities.

Other Prerequisites:
No prerequisites are required for this course

Primary Core Capability:
Community Resilience

Secondary Core Capability(s): Infrastructure Systems, Long-term Vulnerability Reduction, Planning, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Respond, Recover, Common, Mitigation


Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu
POC Information: Name: Russell Uyeno, E-mail Address: ruyeno@hawaii.edu, Telephone Number: 808-956-3176, Registration Contact: https://ndptc.hawaii.edu/training*Enter the website (preferred), e-mail or other information students should use to register for this course.
**Incident Response to Terrorist Bombings, Mobile**

**Training Provider:** New Mexico Institute of Mining and Technology  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 4.0  
**Duration (in Days):** 1.0  

**Continuing Education Units:**  
General: .4

**Course Description:**  
The Incident Response to Terrorist Bombing, Mobile course is designed to provide emergency first responders with the skills to recognize and respond to terrorist bombing incidents. Emergency first responders are presented with information necessary to recognize explosives and their effects, identify Improvised Explosive Devices (IEDs) and their components, and determine pre-detonation and post-detonation response strategies. Throughout this course, emergency first responders discuss how to implement safe response strategies in bombing scenarios; understanding these recognition and response actions are critical to mitigating the effects of a bombing incident.

**Course Objectives:**  
At the end of this course, participants will be able to:  
Recognize explosives and their physical blast effects., Identify Improvised Explosive Devices (IEDs) and their components., Identify pre-detonation response strategies and personal protection considerations to bombing threats and incidents., Identify post-detonation response strategies and personal protection considerations to post-blast incidents.

**Other Prerequisites:**  
United States Citizenship

**Primary Core Capability:**  
Threats and Hazard Identification

**Secondary Core Capability(s):** Situational Assessment

**Mission Areas:** Respond

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety

**Training Certificates:**  
New Mexico Institute of Mining and Technology Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 575-835-5703  
POC Work Email: Respond@emrtc.nmt.edu  
POC Information: Registration Contact: http://www.emrtc.nmt.edu/training/portal
Incident Response to Terrorist Bombings, Customized

Training Provider: New Mexico Institute of Mining and Technology

Delivery Type: Mobile/Non-Resident, Conference Or Symposium

Course Level: Awareness

Duration (in Hours): 1.5

Duration (in Days): 1.0

Continuing Education Units:
General: .2

Course Description:
The Incident Response to Terrorist Bombings, Customized course is designed to provide emergency first responders with information on the skills to recognize and respond to terrorist bombing incidents. Emergency first responders are presented with information necessary to recognize explosives and their effects, identify Improvised Explosive Devices (IEDs) and their components, and determine pre-detonation and post-detonation response strategies.

Course Objectives:
At the end of this course, participants will be able to:
Recognize explosives and their physical last effects, Identify Improvised Explosive Devices (IEDs) and their components, Identify pre-detonation and post-detonation response strategies and personal protection considerations.

Other Prerequisites:
United States Citizenship

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Situational Assessment

Mission Areas: Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu
POC Information: Registration Contact: http://emrtc.nmt.edu/training/
Prevention of and Response to Suicide Bombing, Mobile

Training Provider: New Mexico Institute of Mining and Technology  
Course Level: Awareness  
Delivery Type: Mobile/Non-Resident  
Duration (in Hours): 4.0  
Duration (in Days): 1.0

Continuing Education Units:  
General: .4

Course Description:  
The Prevention of and Response to Suicide Bombing Incidents, Mobile course is designed to provide emergency first responders with the skills to prevent and respond to suicide bombing incidents. Emergency first responders are presented with information on how to prevent, deter, and mitigate the effects of a suicide bomber along with active suicide bomber and post-blast response strategies. Throughout this course, emergency first responders discuss the Nine Phases of Bombing Attack, to understand the steps a suicide bomber follows to conduct their attack; understanding these steps is critical to the successful prevention of a suicide bombing attack.

Course Objectives:  
At the end of this course, participants will be able to:  
Recognize the history of and the threat posed by suicide bombing to the United States and its communities., Identify Suicide Bomber Improvised Explosive Devices (SBIED components, and SBIED delivery methods., Identify suicide bomber methods of operation and interdiction opportunities using the Nine Phases of a Bombing Attack., Identify pre-detonation and post-detonation suicide bomber response strategies including scene health and safety.

Other Prerequisites:  
Participants must be US citizens

Primary Core Capability:  
Threats and Hazard Identification

Secondary Core Capability(s): Situational Assessment

Mission Areas: Prevent, Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety, Transportation

Training Certificates:  
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:  
Registration Desk  
POC Work Phone: 575-835-5703  
POC Work Email: Respond@emrtc.nmt.edu

Course Details Link:  
http://emrtc.nmt.edu/training/portal/
Prevention of and Response to Suicide Bombing Incidents, Customized

Training Provider: New Mexico Institute of Mining and Technology
Course Level: Awareness
Delivery Type: Conference Or Symposium
Duration (in Hours): 1.5
Duration (in Days): 1.0

Continuing Education Units:
General: .2

Course Description:
The Prevention of and Response to Suicide Bombing Incidents, Customized course is designed to provide emergency first responders with information on the skills to prevent and respond to suicide bombing incidents. Emergency first responders are presented with awareness level information on how to prevent, deter, and mitigate the effects of a suicide bomber along with active suicide bomber and post-blast response strategies.

Course Objectives:
At the end of this course, participants will be able to:
Identify Suicide Bomber Improvised Explosive Devices (SBIEDs), SBIED components, and SBIED deliver methods., Identify suicide bomber methods of operation and interdiction opportunities using the Nine Phases of a Bombing Attack., Identify pre-detonation and post-detonation suicide bomber response strategies including scene health and safety.

Other Prerequisites:
United States Citizenship

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Situational Assessment

Mission Areas: Prevent, Respond


Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu

Course Details Link: http://www.emrtc.nmt.edu/training/portal/
**Course Description:**
This awareness-level course will teach rural participants the basics of mass fatality response while providing them with opportunities to exchange rural perceptions and brainstorm for solutions to simulated emergencies. In the course of six modules, delivered over an eight-hour period, participants will learn how to identify critical resources necessary for identified functions, develop strategies for responding to unique challenges of mass fatalities incidents, implement forums for partnerships with key community, regional, state, and federal stakeholders for effective response and community recovery, and identify the components that comprise a comprehensive community-wide mass fatalities incident response plan. Upon completion of this instructor-led course, participants will benefit from an increased awareness of morgue operations and human remains recovery operations, and an enhanced ability to plan for the unique challenges of mass fatality incidents in rural communities.

**Course Objectives:**
At the end of this course, participants will be able to:

- Identify the significant differences in the death care process following a mass fatality event from that of normal, daily processes, and list possible mass fatality scenarios that may affect their communities.
- Identify the roles recovery operations play in the identification process, the procedures for properly, safely, and respectfully recovering and documenting deceased human remains and associated personal effects, and the staff and equipment needed.
- Describe morgue operations during a mass fatality response, the skill sets needed to work at various stations found in the morgue, the interaction between morgue and family assistance operations and the role recovery operations play in the overall identification process.
- Describe the FAC’s role in the identification process; the components, staffing needs, and support services needed to facilitate FAC operations; and describe two models of a Family Assistance Center construct.
- Describe some of the federal resources available following a mass fatality event, how to obtain these resources, and how they are coordinated by local authorities.

- Examine the transition activities for releasing federal resources when response activities are such that they can be handled by local authorities.
- Describe the importance of planning for a mass fatality response on the local level, the issues that must be considered in the planning process, the framework of a mass fatality response, and the on-going process of mass fatality planning.

**Other Prerequisites:**
IS 100a Introduction to the Incident Command System (ICS) IS 700a National Incident Management System (NIMS), An Introduction IS 800b National Response Framework (NRF), An
Introduction IS 200b ICS for Single Resources and Initial Action Incidents

**Primary Core Capability:**
Fatality Management Services

**Mission Areas:** Respond

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Governmental Administrative, Health Care, Law Enforcement, Other, Public Health

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org

**Course Details Link:** [https://elearning.ruraltraining.org/](https://elearning.ruraltraining.org/)
**Volcanic Crises Awareness Course**

| Training Provider: University of Hawaii, National Disaster Preparedness Training Center | Course Level: Awareness |
| Course Code: AWR-233 | |
| Delivery Type: Mobile/Non-Resident | Duration (in Hours): 12.0 |
| | Duration (in Days): 2.0 |

**Continuing Education Units:**

IACET: 1

**Course Description:**

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.

Students will participate in a facilitator-led scenario-based group activity that challenges them to identify effective actions that will reduce the impact of a volcanic crises in their community(s). Participants will apply their knowledge of the presented materials to actual preparedness, mitigation, and response issues. Through these exercises, participants will come to understand how organizational preparedness and community-level planning support the mitigation of volcanic hazards.

**Course Objectives:**

At the end of this course, participants will be able to:

- State course goals and major module objectives,
- Describe the basics of eruption processes and identify differences with respect to other major natural hazards,
- Identify common volcanic hazards and describe their potential impact on communities,
- Identify methods and techniques used to monitor active volcanoes,
- Summarize the physical, social, and economic impacts of eruptions,
- Explain factors that aid or hinder development of awareness and preparedness in communities and institutions and appropriate public behavior during volcanic crises,
- Plan an effective, timely response to a complex and rapidly developing volcanic event,
- Complete a post-test and course evaluation

**Other Prerequisites:**

None

**Primary Core Capability:**

Public Health, Healthcare, and Emergency Medical Services

**Mission Areas:** Common

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Health Care, Law Enforcement, Public Health, Public Safety Communications, Public Works

**Training Certificates:**

NDPTC Certificate of Completion

**Course POC:**

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-training@lists.hawaii.edu
**Initial Law Enforcement Response to Suicide Bombing Attacks**

**Training Provider:** New Mexico Institute of Mining and Technology  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Course Description:**
The Initial Law Enforcement Response to Suicide Bombing Attacks, Mobile course is designed to provide law enforcement officers with the skills and knowledge to effectively interdict and respond to an imminent person-borne or vehicle-born suicide bombing attack. The course provides participants with information on the tactics, techniques and procedures used by suicide bombers, safety considerations and response consideration relative to improvised explosive devices, and interdiction strategies for law enforcement.

**Course Objectives:**
At the end of this course, participants will be able to:
- Describe the processes and physical characteristics associated with explosive events in terrorism.
- Identify the tactics and techniques employed by terrorists when executing suicide bombing attacks and describe the impact these have on law enforcement personnel during initial incident response.
- Apply appearance and behavioral indicators to determine reasonable suspicion and probable cause in a suicide bombing attack in adherence with their department's policies and procedures.
- Safely and effectively implement strategies to respond to person borne or vehicle borne improvised explosive device attack or post-blast event.

**Other Prerequisites:**
United States Citizenship

**Primary Core Capability:**
On-scene Security, Protection, and Law Enforcement

**Secondary Core Capability(s):** Threats and Hazard Identification

**Mission Areas:** Respond

**Discipline(s):** Law Enforcement

**Training Certificates:**
New Mexico Institute of Mining and Technology Certificate of Completion

**Course POC:**
Registration Desk  
POC Work Phone: 575-835-5703  
POC Work Email: Respond@emrtc.nmt.edu

**Course Details Link:** [http:www.emrtc.nmt.edu/training/portal](http:www.emrtc.nmt.edu/training/portal)
Initial Law Enforcement Response to Suicide Bombing Attacks (ILERSBA), Train-the-Trainer

Training Provider: New Mexico Institute of Mining and Technology
Delivery Type: Mobile/Non-Resident

Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: .8

Course Description:
ILERSBA is an awareness level course developed with support and cooperation from the Department of Homeland Security, National Bomb Squad Commanders Advisory Board, and New Mexico Tech. This course provides front-line law enforcement officers with the skills and knowledge to effectively interdict and respond to an imminent suicide bombing attack (person-borne or vehicle-borne) or a non-suicide attack involving a vehicle-borne device. Formally PER-232-1.

Course Objectives:
At the end of this course, participants will be able to:
Identify tactics and describe how different techniques employed by terrorists when executing suicide attacks impact on initial incident response by law enforcement personnel.
Describe the impact of safety issues on selecting response options while responding to a suicide bombing incident.
Apply legal principles to determine probable cause and identify appropriate use of force options in suicide bombing incidents.
Respond effectively and decisively to contain or control a person borne terrorist attack.
Respond effectively and decisively to contain or control a vehicle borne terrorist attack.
Effectively apply the information and concepts presented in Initial the course to scenarios involving potential suicide bombers and improvised explosive devices.

Other Prerequisites:
- Participants must have completed basic law enforcement training and, where applicable, on-the-job training under the supervision of a departmental training officer.
- All participants must be certified bomb technicians or trained in explosive ordnance disposal.
- All participants must have sufficient tenure remaining in their current or future position to allow for the application of course material upon their return.

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s): Interdiction and Disruption

Mission Areas: Prevent
Discipline(s): Law Enforcement

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu
Course Description:
The Initial Law Enforcement Response to Suicide Bombing Attacks, Customized course is designed to provide law enforcement officers with information on the tactics, techniques and procedures used by suicide bombers, safety considerations and response considerations relative to improvised explosive devices, and interdiction strategies for law enforcement officers.

Course Objectives:
At the end of this course, participants will be able to:
- Describe the processes and physical characteristics associated with explosive events in terrorism.
- Identify the tactics and techniques employed by terrorists when executing suicide bombing attacks and describes the impact these have on law enforcement personnel during initial incident response.
- Recognize appearance and behavioral indicators to determine reasonable suspicion and probable cause in a suicide bombing attack in adherence with their department's policies and procedures.
- Discuss strategies to respond to person borne or vehicle borne improvised explosive device attack or a post-blast event.

Other Prerequisites:
United States Citizenship

Primary Core Capability:
- On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s):
- Threats and Hazard Identification

Mission Areas:
- Respond

Discipline(s):
- Law Enforcement

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu

Course Details Link: http://www.emrtc.nmt.edu/training/portal/
### Pipeline Security in Rural Communities

**Training Provider:** Rural Domestic Preparedness Consortium  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Course Description:**
The purpose of this 8.0 hour, awareness level, instructor led course is to bring together rural pipeline security stakeholders including public safety, oil and gas pipeline representatives (large and small), local emergency planners, pertinent federal agencies, and other community stakeholders to recognize pipeline security threats and identify mitigation strategies within their jurisdictions to ensure that the rural pipeline sector is secure, resilient.

**Course Objectives:**
At the end of this course, participants will be able to:
- Recognize the major stakeholders and operators of the various pipelines across the United States and the issues related to interdependency as well as be able to identify local pipeline owners and operators by using the NPMS as part of the overall planning process.,
- Recognize and make use of the terminology used in the pipeline industry, recognize the basic system components, the type of materials that flow through the pipelines and how to identify pipelines in the field.,
- Identify the roles and responsibilities of governmental agencies as it relates to pipeline security as well as specific governmental security programs that impact pipeline security.,
- Identify the roles and responsibilities of pipeline industry and trade associations as it relates to pipeline security as well as specific industry security program that currently exist.,
- To list factors that make pipelines vulnerable to attacks, describe national and international pipeline attacks and/or incidents, recognize current threats, and describe the criminal penalties for willfully damaging pipelines and associated components.,
- Identify indicators of suspicious activity, recommended action to report suspicious activity, and man-made activities that may threaten a pipeline.,
- Demonstrate effective threat assessment and the ability to identify mitigation strategies and assess outcomes based on decisions made as well as how the Pocket Guide job aid should be used as it relates to overall planning and response coordination.

**Other Prerequisites:**
- Participants must be U.S. citizens. It is highly recommended that participants complete the following:
  - IS 100.b Introduction to Incident Command System (Note: IS-100.b is an updated version of the IS-100.a course).
  - IS 700.a NIMS An Introduction
  - IS 800.b National Response Framework, An Introduction

**Primary Core Capability:**
Operational Coordination

**Mission Areas:** Prevent, Protect, Respond, Recover

**Discipline(s):** Agriculture, Emergency Management, Fire Service, Governmental Administrative, Law Enforcement, Public Works

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Registration Desk  
POC Work Phone: 877-855-7372  
POC Work Email: helpdesk@ruraltraining.org
Shopping Center Security Terrorism Awareness Training Program, Web-Based

Training Provider: Louisiana State University
Delivery Type: Online/Distance Learning

Course Level: Awareness
Duration (in Hours): 5.0
Duration (in Days): 0.0

Continuing Education Units:
General: .5

Course Description:
This is an awareness-level course that provides security personnel with increased awareness of the various facets of terrorism and criminal activity that could occur at a retail facility. During this course, participants 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 also describes proper response to terrorist or criminal incidents.

The course is a self-directed, online tutorial developed by the International Council of Shopping Centers and the National Center for Biomedical Research and Training (NCBRT).

Visit http://www.ncbrt.lsu.edu/elearn to register for this course

Course Objectives:
At the end of this course, participants will be able to:
Recognize the threat terrorism poses to retail facilities,
Describe terrorist operations and the five phases of attack,
Examine cases in which terrorists have attacked or attempted to attack shopping centers,
Compare international and domestic terrorists,
Examine types of terrorists and terrorist groups,
Recognize the reasons for which shopping centers are considered targets,
Describe the importance of proper documentation as it relates to observing patterns of suspicious activity,
List suspicious behaviors and activities,
Describe explosive devices and the threats they post to shopping centers,
Differentiate between types of weapons of mass destruction (WMD), including chemical, biological, radiological, and nuclear,
Examine the threat of an active shooter incident in a shopping center,
List target hardening considerations to discourage future attacks,
Examine the roles and responsibilities of security officers in protecting a facility,
Describe observation techniques and characteristics necessary to develop effective suspect, incident and vehicle descriptions,
Describe effective ways of communicating with law enforcement,
Examine the role of security directors or managers in ICS,
Describe observation techniques and characteristics necessary to develop effective suspect, incident, and vehicle descriptions,
Recognize the importance of establishing relationships with local law enforcement prior to an incident or attack

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s):
Access Control and Identity Verification, Infrastructure Systems, Intelligence and Information Sharing, Long-term Vulnerability Reduction, Planning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Screening, Search, and Detection, Situational Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond, Recover, Common
NTED

**Discipline(s):** Law Enforcement, Security and Safety

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
Natural Disaster Awareness for Caregiver of Senior Citizens: Building Senior Resilience

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 4.0
Duration (in Days): 1.0

Continuing Education Units:
IACET: .3

Course Description:
This course is being developed in order to help caregivers in both in-home and facility care arrangements better reduce the vulnerability and risk of senior citizens in their care, and to help caregivers plan and prepare for their disaster response requirements. The course material will familiarize participants with the wide range of unique vulnerability factors associated with senior citizens in relation to disaster events, and explain the dynamics behind how each of these vulnerabilities affects the ability of senior citizens to take more effective risk reduction and hazard preparedness actions (and to otherwise survive disaster events). Participants will be introduced to the full range of hazards that typically lead to major disasters. Participants will also learn how to identify potential hazards and discover different solutions that may be taken to address these risks. Caregivers will also learn about senior citizen social networks, vulnerabilities, and how to build disaster resilience. Finally, an emphasis on conveying basic risk communication with senior citizens will be discussed.

Course Objectives:
At the end of this course, participants will be able to:
State course goals and major module objectives,
Explain how senior care providers can identify the natural hazards that may affect an eldercare facility or home and how risks associated with hazards are identified and may be minimized,
Describe the constraints and vulnerability factors associated with senior citizens,
Apply their knowledge of materials covered in Modules 2 and 3 for at-risk senior citizens and their caregivers impacted by either a tsunami, hurricane, or tornado through taking part in an in-class practical exercise scenario

Other Prerequisites:
There are no prerequisites for this course.

Primary Core Capability:
Community Resilience

Secondary Core Capability(s): Long-term Vulnerability Reduction, Planning, Public Health, Healthcare, and Emergency Medical Services, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Respond, Common

Discipline(s): Citizen/Community Volunteer, Emergency Management, Other

Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu
Natural Disaster Awareness for Community Leaders

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Course Level: Awareness
Delivery Type: Mobile/Non-Resident
Duration (in Hours): 4.5
Duration (in Days): 0.5

Continuing Education Units:
IACET: .3

Course Description:
This course enhances the ability of the various individuals who hold leadership positions in the community to prepare for, mitigate, respond to, and recover from all forms of disaster. This course will help to enhance these individuals’ understanding of disasters, risk assessment in the context of disaster management, prevailing emergency management procedures and operations, and the different vulnerability factors that exist within their local community.

The course material developed will familiarize community leaders with the available resources for natural disaster preparedness and planning. Participants who complete this course will be better able to 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.

This course will also provide community leaders with an understanding of the necessary plans and tools needed in planning for natural disasters, and will help them to better understand and identify the personnel best equipped to address response and recovery requirements in the case of an actual disaster.

Course Objectives:
At the end of this course, participants will be able to:
- Identify natural hazards and natural disasters.
- Describe vulnerability factors.
- Define resilience.
- Define community resilience.
- Describe the elements of a community plan.
- State the benefits of community engagement and building partnerships.
- Explain the roles of community building community resilience.

Other Prerequisites:
None

Primary Core Capability:
Community Resilience

Secondary Core Capability(s):
- Long-term Vulnerability Reduction
- Planning
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Areas:
- Prevent
- Respond
- Common

Discipline(s):
- Citizen/Community Volunteer
- Emergency Management
- Governmental Administrative
- Other

Training Certificates:
- University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu
Homemade Explosives: Awareness, Recognition, and Response, Mobile  

**Training Provider:** New Mexico Institute of Mining and Technology  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
General: .8

**Course Description:**  
The Homemade Explosives: Awareness, Recognition, and Response, Mobile course is designed to provide emergency first responders with the skills to recognize and respond to incidents involving Homemade Explosives (HME) through lectures and exercises. Emergency first responders are presented with information necessary to recognize HME precursors, HME manufacturing indicators, and HME exposure indicators, and determine pre-detonation and post-detonation response strategies. Throughout this course, emergency first responders discuss how to implement safe response strategies with recognizing the presence of HME indicators; understanding these response actions is critical to mitigating the hazards associated with HME.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Identify the processes and physical characteristics associated with explosive materials.,  
- Identify precursor materials used in the making of Homemade Explosives.  
- Identify manufacturing indicators associated with the production of Homemade Explosives.  
- Identify Homemade Explosives pre- and post-blast response strategies.  
- Discuss community recognition opportunities regarding the production of Homemade Explosives.

**Other Prerequisites:**  
United States Citizen

**Primary Core Capability:**  
Interdiction and Disruption

**Secondary Core Capability(s):** Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Prevent

**Discipline(s):** Emergency Medical Services, Law Enforcement, Security and Safety

**Training Certificates:**  
New Mexico Institute of Mining and Technology Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 575-835-5703  
POC Work Email: Respond@emrtc.nmt.edu

**Course Details Link:** http://www.emrtc.nmt.edu/training/portal/
Mass Prophylaxis Awareness for Public Health Emergencies

Training Provider: Texas Engineering Extension Service
Delivery Type: Online/Distance Learning
Course Level: Awareness
Duration (in Hours): 2.5
Duration (in Days): 0.0

Continuing Education Units:
General: .3

Course Description:
The Mass Prophylaxis 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. Also, actions that may be taken by local jurisdictions during a public health emergency that require response to the deployment of the Strategic National Stockpile (SNS). An awareness of the Local and Federal resources and public health capabilities that exist to help provide post-exposure prophylaxis for a large population in response to a catastrophic CBRNE

Course Objectives:
At the end of this course, participants will be able to:
Recognize how the Strategic National Stockpile (SNS) incorporates into local mass prophylaxis plans in an all-hazards response,
Recognize the appropriate mass prophylaxis response to public health emergencies that could affect your community,
Identify resources and capabilities of the Division of the Strategic National Stockpile (DSNS) to help provide post-exposure prophylaxis for a large population within your community in response to a large-scale public health emergency,
Recognize how a Point of Dispensing (POD) functions in a community’s Mass Prophylaxis Plan in accordance with National Centers for Disease Control (CDC) standards

Other Prerequisites:
None

Primary Core Capability:
Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s): Community Resilience, Environmental Response/Health and Safety, Operational Communications, Operational Coordination, Planning, Situational Assessment, Threats and Hazard Identification

Mission Areas: Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Health Care, Law Enforcement, Other, Public Health, Public Safety Communications

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Juan Guerrero
POC Work Phone: 979-862-1063
POC Work Email: Juan.Guerrero@teex.tamu.edu

Course Details Link: https://teex.org/nerratconline

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Fundamentals of Criminal Intelligence

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident

Course Description:
This instructor-led, awareness-level course addresses the fundamental knowledge, skills, and abilities needed to participate in the criminal intelligence process across an all-crimes, all-hazards, and all-threats perspective. Consisting of nine modules, the course is a mixture of classroom instruction, facilitated group discussions, and scenario-driven practical activities.

Course Objectives:
At the end of this course, participants will be able to:
Describe how this course will benefit them, Describe the foundations of criminal intelligence, Perform the planning and direction step of the intelligence process, Perform the collection step of the intelligence process, Perform the processing and collation step of the intelligence process, Perform the analysis and production step of the intelligence process, Perform the dissemination and reevaluation step of the intelligence process, Complete a comprehensive post-test, Disseminate intelligence information that details their conclusions and recommendations and complete a course evaluation

Other Prerequisites:
· To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

Primary Core Capability:
Intelligence and Information Sharing

Mission Areas: Prevent

Discipline(s): Law Enforcement

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Deyvon Cooper
POC Work Phone: 225-578-6971
POC Work Email: dcooper@ncbtt.lsu.edu
**Leveraging Tools for Conducting Damage Assessments**

**Training Provider:** University of Hawaii, National Disaster Preparedness Training Center  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
IACET: .4

**Course Description:**  
This one-day awareness-level training course develops participants’ knowledge and skills in conducting damage assessments. It provides participants with an overview of the basic damage assessment process, the importance of providing quick and accurate assessments, and the commonalities and differences in data requirements for different groups. Participants will engage in a discussion of and practice conducting a damage assessment action plan in order to ensure that resources are in place for an adequate response, followed by a hands-on exercise. They are given an opportunity to practice conducting a damage assessment with hands-on exercises using free as well as Commercial Off-the-Shelf (COTS) tools and software to collect damage assessments. Participants apply learned content and concepts through structured activities.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Identify the basic concepts of damage assessment, types of data required by different recipients, and roles of different agencies in damage assessment,  
- Discuss and develop a Damage Assessment Plan,  
- Describe, use and evaluate damage assessment tools

**Other Prerequisites:**  
This course does not require any previous subject matter knowledge. However, it is highly suggested that participants complete the following FEMA Independent Study courses prior to course attendance: IS-100.b: Introduction to Incident Command System (ICS100); IS-200.b: ICS for Single Resources and Initial Action Incidents; IS-700.a: National Incident Management System (NIMS), An Introduction; IS-208.a: State Disaster Management; IS-559: Local Damage Assessment.

**Primary Core Capability:**  
Situational Assessment  
**Secondary Core Capability(s):** Long-term Vulnerability Reduction, Planning, Public Information and Warning

**Mission Areas:** Respond, Mitigation  
**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Search & Rescue

**Training Certificates:**  
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**  
Russell Uyeno  
POC Work Phone: 808-956-3176  
POC Work Email: ruyeno@hawaii.edu

**Course Details Link:** [https://ndptc.hawaii.edu/training](https://ndptc.hawaii.edu/training)
**Natural Disaster Awareness for Security Professionals**

**Training Provider:** University of Hawaii, National Disaster Preparedness Training Center  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
IACET: .6

**Course Description:**  
This course will familiarize participants with a range of natural hazards, the disaster-specific risks they pose (including likelihood and consequences), different factors that contribute to or reduce vulnerability, effective and accepted emergency procedures that may be taken to minimize financial and/or human impacts, and basic law enforcement duties that are typically required in the response to or recovery from major emergencies and disasters. Participants will be able to describe how the security professional, in the line of their duties, can reduce the likelihood of a business/operations interruption (in light of identified hazards or actual events) through hazard mitigation and response preparedness actions and will understand how security professionals may receive hazard and warning information relevant to their facility (and communicate those risks to organization/company leadership, staff, clients, and guests). The course introduces the methods and systems by which the emergency services communicate, and explain the different ways in which security professionals may tap into these established systems in order to better contribute to the organized community-wide first response efforts. Finally, the course will help the security professional to reduce their personal vulnerability to disaster consequences that might otherwise make them unable to perform their emergency responsibilities.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Describe relevant natural hazards including characteristics of the hazard, potential cascading effects, and common outcomes,  
- Describe risk through the process of identifying hazards, vulnerabilities, and impacts,  
- Understand common disaster conditions and considerations and learn about safety actions that can be reasonably implemented,  
- Create a simple disaster plan for a single scenario and apply concepts learned to expand the planning initiative to larger, complex disaster plans,  
- Apply knowledge gained from previous modules in a capstone tabletop activity

**Other Prerequisites:**  
None

**Primary Core Capability:**  
Threats and Hazard Identification

**Secondary Core Capability(s):** Community Resilience, Intelligence and Information Sharing, Long-term Vulnerability Reduction, On-scene Security, Protection, and Law Enforcement, Planning, Risk and Disaster Resilience Assessment, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Respond

**Discipline(s):** Emergency Management, Fire Service, Governmental Administrative, Law Enforcement, Other, Security and Safety

**Training Certificates:**  
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 808-725-5220  
POC Work Email: ndptc-training@lists.hawaii.edu
## Disease Containment Measures

**Training Provider:** Louisiana State University  
**Course Level:** Awareness  
**Delivery Type:** Online/Distance Learning  
**Duration (in Hours):** 3.0  
**Duration (in Days):** 0.0

### Course Description:
This course provides awareness-level training on the triggers related to various disease containment measures as well as detailed information on the declaration, implementation, and demobilization efforts required during these type of events. 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.

### Course Objectives:
At the end of this course, participants will be able to:
- Utilize the CDC framework,
- Identify considerations for decision making,
- Incorporate a risk/benefit analysis,
- Identify resources for various types of containment measures,
- Review legal considerations for various types of containment measures,
- Identify roles and responsibilities for various types of containment measures,
- Discuss enforcement concerns for various types of containment measures,
- List communication characteristics for various types of containment measures,
- Identify unintentional consequences for various types of containment measures

### Other Prerequisites:
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

### Primary Core Capability:
Public Health, Healthcare, and Emergency Medical Services

### Secondary Core Capability(s):
Community Resilience, Health and Social Services, Operational Communications, Operational Coordination, Planning, Public Information and Warning, Situational Assessment

### Mission Areas:
Respond

### Discipline(s):
Emergency Management, Emergency Medical Services, Fire Service, Health Care, Law Enforcement, Public Health

### Training Certificates:
Louisiana State University Certificate of Completion

### Course POC:
Registration Desk  
POC Work Phone: 877-829-8550  
POC Work Email: info@ncbrt.lsu.edu

### Course Details Link:
*Registration Contact: http://www.ncbrt.lsu.edu

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*NTED*
Tornado Awareness

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Course Level: Awareness
Delivery Type: Mobile/Non-Resident
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
IACET: .6

Course Description:
This eight-hour awareness-level course is designed to provide emergency managers, first responders, and community members across all sectors with a basic understanding of the latest knowledge in tornado science, forecasting, warning, and preparedness. This course will prepare participants to understand the basics of tornado science, the weather forecasting process, the tornado warning process, and the fundamentals of tornado safety and preparedness. Since tornadoes can strike anywhere in the United States, it is important that every community be ready for the hazards associated with them. This awareness-level course will fulfill the goals of the “whole community” approach to emergency management by reaching a broad sector of the community. Multiple core capabilities will be addressed, with particular emphasis on “public information and warning” and “threats and hazard identification.” Participants who represent sectors such as mass care services, health and social services, operational communications, critical transportation, and planning would further expand the discussions in this course to other corresponding core capabilities.

Course Objectives:
At the end of this course, participants will be able to:
Understand the current state of tornado science, Describe the weather forecast process and appreciate its complexities while making decisions in the face of tornado hazards, Understand the tornado warning process and associated definitions, Review procedures to maximize the safety of themselves, their families and their organizations during a tornado

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Public Information and Warning

Mission Areas: Mitigation


Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu
**Course Description:**
This 12-hour course will provide tools to protect, respond to, and recover from the consequences of disasters e.g. fire, flood, heat, earthquake, tornadoes, hurricanes, hazardous materials and catastrophic disease exposure involving animals in rural communities. The course will introduce participants to the unique issues that must be considered and addressed when animals are involved in an emergency such as safe animal handling, animal evacuation, animal sheltering, humane euthanasia and carcass disposal, inclusion of animal management into existing ICS structures, federal support available during recovery, and unique considerations for conducting jurisdictional assessments and mapping evacuation routes. All content will be presented in a blended learning style in which introductory material will be presented online and hands-on, problem-solving activities will be completed in small groups at the face-to-face portion of the class.

**Course Objectives:**
At the end of this course, participants will be able to:
- Recognize the effect of disasters and emergencies on animals that could occur in rural communities,
- Recognize application of ICS structure to an animal related emergency response,
- Demonstrate understanding of safe animal handling and four common actions that may be used when responding to emergencies involving animals,
- Describe the recovery process and the resources available to rural communities recovering from emergencies involving animals,
- Analyze given disaster scenarios and propose a response and recovery plan that addresses the animals affected by the disaster.

**Other Prerequisites:**

**Primary Core Capability:**
Physical Protective Measures

**Mission Areas:** Protect

**Discipline(s):** Agriculture, Animal Emergency Services, Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Course Description:
This four-hour awareness-level training course will provide community and volunteer groups, state and local government agencies, and other stakeholder groups, as well as concerned citizens, with relevant information and practical exercises that will improve their knowledge and skills to better serve the communication needs of their communities. The course is designed to help participants to better understand the importance of communicating with different groups at different times, and to evaluate the various tools available to affect communications.

Course Objectives:
At the end of this course, participants will be able to:
Understand, articulate and respond to the communication needs of various community entities,
Identify and understand the benefits and limitations of various communication hardware and software systems

Other Prerequisites:
As this course is introductory in nature, no prerequisites are identified. However, it is recommended that participants consider the following courses: ICS 100 Introduction to the Incident Command System, ICS-200 ICS for Single Resources and Initial Action Incident, and ICS-700 National Incident Management System.

Primary Core Capability:
Operational Communications

Mission Areas: Respond

Discipline(s): Citizen/Community Volunteer, Emergency Management

Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5250
POC Work Email: ndptc-training@lists.hawaii.edu
POC Information: Name: Russell Uyeno, E-mail Address: ruyeno@hawaii.edu, Telephone Number: 808-956-3176
Winter Weather Hazards: Science and Preparedness

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
IACET: .6

Course Description:
This course will prepare participants to understand the basics of winter weather science, the winter weather forecasting process, how winter weather forecasts are communicated, and the fundamentals of winter weather safety and preparedness. Since winter storms can strike every state in the United States, it is important that every community be ready for the hazards associated with them. This awareness-level course will fulfill the goals of the “whole community” approach to emergency management by reaching a broad sector of the community. Multiple core capabilities will be addressed, with particular emphasis on “public information and warning” and “threats and hazard identification.” Participants who represent sectors such as mass care services, health and social services, operational communications, critical transportation, and planning would further expand the discussions in this course to other corresponding core capabilities.

Course Objectives:
At the end of this course, participants will be able to:

- Understand the basic causes and characteristics of winter weather hazards, including snow, sleet, freezing rain, and extreme cold; appreciate the complexities of the winter weather forecast process, including current strengths and weaknesses of computer models, so that they may better make informed decisions when winter weather threatens;
- Interpret official winter weather advisories, watches, and warnings from the National Weather Service;
- Understand how to protect themselves, their families, and their organizations when winter weather threatens.

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Community Resilience, Operational Communications, Planning, Risk and Disaster Resilience Assessment, Situational Assessment

Mission Areas: Mitigation


Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu

Course Details Link: https://ndptc.hawaii.edu/training
Hazardous Weather Preparedness for Campuses

Training Provider: University of Hawaii, National Disaster Preparedness Training Center

Duration (in Hours): 8.0
Duration (in Days): 1.0

Course Level: Awareness

Delivery Type: Mobile/Non-Resident

Continuing Education Units:
IACET: .6

Course Description:
This is an eight-hour awareness-level course to provide emergency managers, first responders, and campus officials with a basic understanding of the latest knowledge of the best practices of hazardous weather preparedness activities for academic campus communities. This awareness-level course will fulfill the goals of the “whole community” approach to emergency management by reaching a broad sector of the community. Multiple core capabilities will be addressed, with particular emphasis on “public information and warning” and “planning.” Participants who represent sectors such as mass care services, health and social services, operational communications, critical transportation, and planning would further expand the discussions in this course to other corresponding core capabilities.

Course Objectives:
At the end of this course, participants will be able to:
Understand the basics of the meteorology of hazardous weather and how it pertains to preparedness on campuses, Help emergency managers and disaster preparedness personnel build relationships with the National Weather Service and other members of the meteorology community provide participants with an understanding of the National Weather Service’s StormReady™ program, increasing national participation, Build fundamental skills in planning for various hazardous weather systems such as severe thunderstorms, tornadoes, and hurricanes, which can produce lightning, high winds, and flooding threats, Use preparedness and planning techniques to aid emergency managers in mitigating the risk of hazardous weather to life and property on academic campuses

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Community Resilience, Operational Communications, Planning, Public Information and Warning, Risk and Disaster Resilience Assessment, Situational Assessment

Mission Areas: Mitigation


Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc.training@lists.hawaii.edu
Hurricane Awareness

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Delivery Type: Mobile/Non-Resident

Course Level: Awareness
Duration (in Hours): 4.0
Duration (in Days): 1.0

Continuing Education Units:
IACET: .3

Course Description:
This four-hour awareness-level course provides emergency managers, first responders, and community members across all sectors with a basic understanding of the latest knowledge in hurricane science, forecasting, warning, and preparedness.

Course Objectives:
At the end of this course, participants will be able to:
The goals of this course are to enable participants to:
- Summarize the structure and characteristics of hurricanes and tropical cyclones and their attendant hazards, including high winds, heavy rain, and storm surge;
- Explain the forecast process and uncertainty associated with predicting hurricane track and intensity;
- Interpret official forecast and warning products from the National Weather Service; and,
- Use available decision support tools to prepare themselves, their families, and their organizations when hurricanes threaten.

Primary Core Capability:
Threats and Hazard Identification

Mission Areas: Mitigation

Discipline(s): Emergency Management

Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu
**Unmanned Aircraft Systems**

**Training Provider:** University of Hawaii, National Disaster Preparedness Training Center  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
IACET: .6

**Course Description:**  
Unmanned Aircraft Systems (UAS) are an emerging technology poised to revolutionize disaster management. This eight-hour awareness level course is an introduction to UAS use in disaster management, from mitigation and preparedness to response and recovery, to help emergency managers, first responders, and others understand the basics of this important emerging field. 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; identify when UAS would enhance a disaster mission; understand the basics of UAS types and sensors; learn the importance of involving the local community in all stages of UAS program development; and understand the critical need to ensure that privacy, civil rights, and civil liberties are thoroughly addressed, including with data collection, retention, management, security, oversight, and accountability.

**Course Objectives:**  
At the end of this course, participants will be able to:  
Participants will be able to determine how UAS may help them better accomplish their mission objectives and determine if UAS are right for their work. Participants will be able to navigate the FAA regulations and application process required to integrate UAS legally and effectively, by understanding what is covered under UAS regulations, who may operate UAS, what FAA authorization allows, and what the major issues are for UAS integration. Participants will understand the main types and capabilities of UAS vehicles and payloads that are best for a variety of disaster management situations. Participants will understand the importance of involving the local community in all stages of UAS program development and the critical need to protect privacy, civil rights, and civil liberties in a UAS program.

**Primary Core Capability:**  
Situational Assessment


**Mission Areas:** Common


**Training Certificates:**  
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 808-725-5220
Introduction to Radiological/Nuclear WMD Operations For Law Enforcement

Course Description:
Introduction to Radiological/Nuclear WMD Operations For Law Enforcement, AWR-346, provides critical response training to participants who, in the course of their duties could be tasked with responding to a radiological/nuclear incident. The course is designed to provide Law Enforcement personnel with baseline knowledge to effectively and safely make decisions within their agency scope of operation dealing with radiological incidents. Topics presented include an update on current terrorism activity, an overview of the Preventive Radiological Nuclear Detection (PRND) mission, basic radiation concepts, radiation measurement terms and units, recognizing radiological/nuclear incidents, and what information will be needed during the notification process. The last module provides information on protective actions which may be employed and or supported by law enforcement personnel.

Course Objectives:
At the end of this course, participants will be able to:
- Define the challenges for identifying domestic radiological/nuclear threats
- Describe the three potential radiological/nuclear weapons of mass destruction (WMD) threats and the probability and consequence for each
- Identify potential targets of radiological/nuclear terrorist
- Identify the indicators of terrorism that can provide clues to possible terrorist activities
- Explain the Global Nuclear Detection Architecture
- Describe the Preventative Radiological/Nuclear Detection (PRND) Modes of Operation
- Describe the properties and characteristics of ionizing radiation
- Identify the terms and units for measuring ionizing radiation
- Identify the terms radiation exposure and radioactive contamination
- Identify the health effects of ionizing radiation
- Define awareness level responder responsibilities at the scene of an emergency involving hazardous material
- Identify potential clues and indicators that lead to recognition of a radiological/nuclear incident
- Identify clues and indicators that lead to recognition of criminal activities
- Identify the difference between radiological/nuclear WMD incidents and other hazardous material incidents
- Identify suggested notification requirements for personnel first on scene
- Identify how the Emergency Response Guidebook (ERG) can be used as a reference in determining initial actions
- Describe the benefits and limitations of personal protective equipment in a radiological/ nuclear environment
- Describe how the ALARA radiation safety principle can be implemented while performing initial response actions
- Associate dose guidelines with the emergency activities performed
- Identify each response actions such as, Isolate Evacuate, Shelter-in-place, Medical Care, Decontamination, Evidence Preservation

Primary Core Capability:
Planning
Secondary Core Capability(s): Threats and Hazard Identification
Mission Areas: Protect
Discipline(s): Law Enforcement, Other
Training Certificates:
Counterterrorism Operations Support Certificate of Participation
Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosmmt.reg@nv.doe.gov
Introduction to Radiological Nuclear WMD Operations for Law Enforcement, Train-the-Trainer

AWR-346-1

Training Provider: Counterterrorism Operations Support  
Course Level: Awareness  
Delivery Type: Residential  
Duration (in Hours): 7.0  
Duration (in Days): 1.0

Course Description:
This instructor-led course prepares indirect trainers to deliver the AWR-346 Introduction to Radiological/Nuclear WMD Operations for Law Enforcement course. It focuses on the delivery of this awareness level course, including class preparation, instructional techniques, completion of course paperwork, notes and delivery tips, slide groupings, key points, and information to aid instruction.

Course Objectives:
At the end of this course, participants will be able to:
Course Participants will be able to apply administrative requirements during indirect course delivery of the Introduction to Radiological/Nuclear WMD Operations for Law Enforcement course.
Participants will identify the intent and key concepts for each module in the Introduction to Radiological/Nuclear WMD Operations for Law Enforcement course.

Other Prerequisites:
Candidates for the AWR-346-1 course shall meet the following prerequisites:
- Nominated by their agency
- Must present instructor credentials, to include an instructional methodology course certified and recognized by their State of Local agencies
- Must have successfully completed the Introduction to Radiological/Nuclear WMD Operations for Emergency Medical Services/Health Care course

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s): Environmental Response/Health and Safety, Physical Protective Measures, Public Information and Warning, Situational Assessment

Mission Areas: Protect, Respond, Mitigation

Discipline(s): Citizen/Community Volunteer, Hazardous Material, Law Enforcement, Other, Public Safety Communications, Search & Rescue

Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosmttreg@nv.doe.gov
**Climate Adaptation Planning for Emergency Management**

**Training Provider:** University of Hawaii, National Disaster Preparedness Training Center  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
IACET: .6  

**Course Description:**  
This eight-hour awareness-level course will prepare participants to describe the principles of climate adaptation planning for emergency management and first response processes. This course will train participants to be able to discuss the impact of weather hazards on critical infrastructure and key resources, and explain how climate change projects will affect those impacts. The processes of common weather hazards, climate variability, and climate change will be addressed alongside risk assessment paradigms.

**Course Objectives:**  
At the end of this course, participants will be able to:  
The objectives of this course are to enable participants to do the following: Discuss weather hazards and changing climate patterns, Explain climate-related risks and vulnerabilities specific to emergency management, Give examples of climate change mitigation and adaptation strategies relevant to emergency management and first response processes.

**Other Prerequisites:**  
No prerequisites are required for this course, however the following courses are recommended: IS.100 Introduction to Incident Comment System (ICS), IS.200 ICS for Single Resources and Initial Action Incidents, IS.700 National Incident Management System (NIMS), An Introduction, IS.800 National Response Framework, An Introduction, IS-2001 Threat and Hazard Identification Risk Assessment (THIRA)

**Primary Core Capability:**  
Threats and Hazard Identification

**Mission Areas:** Mitigation

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Law Enforcement, Public Safety Communications, Search & Rescue

**Training Certificates:**  
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 808-725-5220  
POC Work Email: ndptc.training@lists.hawaii.edu
Using the Community Cyber Security Maturity Model (CCSMM) to Develop a Cyber Security Program

**Training Provider:** University of Texas San Antonio  
**Course Level:** Awareness  
**Delivery Type:** Online/Distance Learning  
**Duration (in Hours):** 2.0  
**Duration (in Days):** 0.0

**Course Description:**
This new online course will enable community leaders, network/security personnel and those individuals involved in developing or maintaining plans used for and throughout the community. This course will assist participants to understand what is required to develop a coordinated, sustained, and viable community cyber security program. The course will introduce participants at all levels to the DHS-supported Community Cyber Security Maturity Model (CCSMM) and can be used to guide communities and states in developing their own CCSMM-consistent cybersecurity programs. Participants will be introduced to different resources that can be used for a community program.

**Course Objectives:**
At the end of this course, participants will be able to:
Explain why the Community Cyber Security Maturity Model (CCSMM) was developed and summarize the purpose of the model. Participants will learn how to use the CCSMM to develop a cyber security program in their community. Participants will be able to explain how metrics, technology, training, processes and procedures and finally assessment fit into the overall process of improving community cyber security at all levels. Participants will gain a clearer understanding of additional DHS, NIST and other resources and will be able to recall government, regulatory and industry standard resources to be used for community cyber security efforts.

**Primary Core Capability:**
Community Resilience

**Secondary Core Capability(s):** Cybersecurity, Intelligence and Information Sharing, Long-term Vulnerability Reduction, Operational Communications, Operational Coordination, Planning, Public Information and Warning, Risk Management for Protection Programs and Activities, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Prevent, Common

**Discipline(s):** Citizen/Community Volunteer, Education, Emergency Management, Governmental Administrative, Information Technology, Law Enforcement, Other, Public Health, Public Safety Communications, Public Works, Security and Safety, Transportation

**Training Certificates:**
University of Texas San Antonio Certificate of Completion

**Course POC:**
UTSA-CIAS
POC Work Phone: 800-541-7149
POC Work Email: KE@teex.tamu.edu

**Course Details Link:** [www.teex.org/nerrtconline](http://www.teex.org/nerrtconline)
Community-led Action in Response to Violent Extremism

Training Provider: University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism

Course Level: Awareness

Delivery Type: Online/Distance Learning

Duration (in Hours): 4.0
Duration (in Days): 0.0

Course Description:
Community-led Action in Response to Violent Extremism is a 4-hour online course targeted at the FEMA “awareness” training level. CARVE provides community-focused, rigorously researched, and academically-informed instruction on Countering Violent Extremism (CVE). CARVE is comprised of two modules and is intended to provide a general introduction to radicalization to violence and community-based efforts. This self-paced course will be available to an unlimited number of participants.

Course Objectives:
At the end of this course, participants will be able to:
Recall and understand research-based information about violent extremism in the United States and social science theories of radicalization to violence, Define the terms violent extremism, terrorism, and hate crime, and identify their relationship with each other, Define the types of violent extremism in the United States, how violent extremism has changed over time in the United States, and differentiate between facts and myths about violent extremism in the United States, Gain a foundational understanding of the concept of radicalization to violence and of current social science theories of radicalization to violence, Explain the limitations of what empirical data can tell researchers about radicalization to violence, Describe empirical research findings on: duration of radicalization to violence, internet radicalization to violence, violent extremists who use violence versus those who commit nonviolent crimes, violent extremists who act in affiliation with a group versus violent extremists who act alone, and radicalization to violence of foreign fighters, Differentiate between two ways of addressing violent extremism: CT and CVE, Define “CVE” based on principles discussed in federal documents, Describe the roles of different community builders in CVE and the importance of partnerships for CVE and public safety, Identify possible barriers to successful community engagement for CVE and how to overcome them, Describe how resilience relates to CVE, Describe the Diminishing Opportunities for Violent Extremism (DOVE) model of building protective resources for resilience to violent extremism and how to identify protective resources, Recognize and describe real-world examples of initiatives along the CVE spectrum of: Prevention and Engagement, Intervention, and Rehabilitation and Reintegration, Talk and teach about violent extremism in your community

Other Prerequisites:
The only course prerequisite is knowledge and experience gained in a professional setting. For law enforcement personnel, including Community Policing Coordinators, Youth Relations Specialists, Community Liaison Officers, and university or campus law enforcement officers, prerequisites include knowledge and experience gained by engaging with the community. For community partners, prerequisites include knowledge and experience accumulated by participating in local engagement efforts, especially those intended to build resilience, prevent violence, and/or counter violent extremism.

Primary Core Capability:
Community Resilience

Secondary Core Capability(s): Public Information and Warning

Mission Areas: Prevent, Mitigation

Discipline(s): Citizen/Community Volunteer, Education, Law Enforcement, Security and Safety
Training Certificates:
University of Maryland National Consortium for the Study of Terrorism and Responses to
Terrorism Certificate of Completion

Course POC:
START Training Team
POC Work Phone: 301-405-6600
POC Work Email: training@start.umd.edu
POC Information: www.start.umd.edu
**Flooding Hazards: Science and Preparedness**

**Training Provider:** University of Hawaii, National Disaster Preparedness Training Center  
**Course Level:** Awareness  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
General: .6

**Course Description:**  
Flooding Hazards: Science and Preparedness is an awareness-level, eight-hour course that addresses the current science of the causes of floods (both meteorological and otherwise), flood forecasting, flood risk assessment, and best practices for preparation and mitigation for both short- and long-fuse flooding events.

**Course Objectives:**  
At the end of this course, participants will be able to:

- Differentiate between different types of flooding hazards based on the meteorological and hydrological conditions;
- Access and interpret FEMA flood risk maps for their area;
- Identify organizations involved in forecasting and monitoring flooding, and understand their products; and
- Describe dissemination methods for public warnings.

**Primary Core Capability:**  
Public Information and Warning

**Secondary Core Capability(s):** Planning, Risk and Disaster Resilience Assessment

**Mission Areas:** Mitigation

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Public Health, Public Works

**Training Certificates:**  
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 808-725-5220  
POC Work Email: ndptc-training@lists.hawaii.edu  
POC Information: Name: Russell Uyeno, E-mail Address: ruyeno@hawaii.edu, Telephone Number: (808)956-3176, Registration Contact: https://ndptc.hawaii.edu/training

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Integrating Mental Health and Education Approaches into Countering Violent Extremism

Training Provider: University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism

Delivery Type: Online/Distance Learning

Course Level: Awareness

Duration (in Hours): 4.0

Duration (in Days): 0.0

Course Description:
Integrating Mental Health and Education Approaches into CVE is a self-paced online course that provides instruction on how educators and mental health professionals may collaboratively address the multidimensional needs of individuals and communities contending with violent extremism. Specifically, this course will examine current practices from the mental health and education fields that may contribute to whole community approaches to countering violent extremism.

Course Objectives:
At the end of this course, participants will be able to:
- Identify tiers of involvement for mental health and education professionals in community-based efforts to counter violent extremism.
- Identify existing practices and lessons-learned from the fields of mental health and education that may have implications for CVE, as well as recognizing considerations for mental health and education professionals involved in CVE.

Other Prerequisites:
Learners attending this course are encouraged to have completed Community Action for Resilience to Violent Extremism, a 4-hour, online self-paced course (AWR-355-W).

Primary Core Capability:
Planning

Mission Areas: Prevent

Discipline(s): Citizen/Community Volunteer, Education, Law Enforcement, Other, Public Health, Security and Safety

Training Certificates:
University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism Certificate of Completion

Course POC:
START Training Team
POC Work Phone: 301-405-6600
POC Work Email: training@start.umd.edu
POC Information: Name: START Training TeamE-mail Address: training@start.umd.eduTelephone Number: 301-405-6600*Registration Contact: https://umd-start.catalog.instructure.com/courses/integratingmhPlease direct registration questions to: training@start.umd.edu
Countering Violent Extremist Narratives

Course Description:
Countering Violent Extremist Narratives is a self-paced online course that provides an introduction to the concepts of narratives, counter-narratives, alternative narratives; commonly-found extremist narratives across violent extremist movement typologies; and, an overview of the principles for developing and delivering counter-narratives and alternative narratives. The course is intended for community-builders including social workers, educators, mental health professionals, local activists/advocates, faith-based workers and law enforcement personnel who participate in community engagement.

Course Objectives:
At the end of this course, participants will be able to:
- Describe violent extremism and countering violent extremism,
- Explain the role of narratives in violent extremism and countering violent extremism,
- Identify key violent narratives, counter narratives and alternative narratives associated with Homegrown Violent Extremists, Violent White Supremacist Extremists, Violent Militia Extremists, Violence Sovereign Citizen Extremists, and Violent Anti-Abortion Extremists.,
- Identify and understand field principles for developing and delivering counter-narrative and alternative narrative content for countering violent extremism at the local level.

Other Prerequisites:
Learners attending this course are encouraged to have completed Community Action for Resilience to Violent Extremism, a 4-hour, online self-paced course (AWR-355-W).

Primary Core Capability:
Community Resilience

Secondary Core Capability(s): Public Information and Warning

Mission Areas: Mitigation

Discipline(s): Citizen/Community Volunteer, Education, Law Enforcement, Other, Public Health, Public Safety Communications, Security and Safety

Training Certificates:
University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism Certificate of Completion

Course POC:
START Training Team
POC Work Phone: 301-405-6600
POC Work Email: training@start.umd.edu
POC Information: START Training Team, training@start.umd.edu, Telephone Number: 301-405-6600, *Registration Contact: http://umd-start.catalog.instructure.com/courses/cve-narrativesPlease direct registration questions to: training@start.umd.edu
### Field Force Command and Planning

**Training Provider:** Center for Domestic Preparedness  
**Delivery Type:** Mobile/Non-Resident, Residential

**Course Level:** Management  
**Duration (in Hours):** 24.0  
**Duration (in Days):** 3.0

**Continuing Education Units:**  
General: 2.4

**Course Description:**  
The Field Force Command and Planning training program is a three-day course that prepares the management level student to serve as a member of an incident management team during a civil action or disorder. The course provides instruction on incident management, incorporating preplanning considerations and other responsibilities of management level responders. Students are trained on how to develop a local Incident Action Plan (IAP) for a civil action or disorder and implement response actions from the management level. The course culminates with an application-level tabletop exercise in which students use knowledge and skills developed in the previous sessions to plan for and command resources at the incident site.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Apply lessons learned to current and future incidents involving civil actions or disorders.  
- Complete an Incident Action Plan for a civil action/disorder event that requires a law enforcement response.  
- Describe the equipment that could be used during a civil action/disorder to provide body and respiratory protection from chemicals.  
- Develop comprehensive strategic and tactics plans for the organization when preparing for special events, civil disorders, and public assemblages.  
- Describe how team tactics can be used to mitigate protester actions during a civil disorder event.

**Other Prerequisites:**  
AWR-160, WMD/Terrorism Awareness for Emergency RespondersIS-700: Introduction to National Incident Management System (NIMS)

**Primary Core Capability:**  
On-scene Security, Protection, and Law Enforcement

**Secondary Core Capability(s):** Environmental Response/Health and Safety, Infrastructure Systems, Intelligence and Information Sharing, Interdiction and Disruption, Operational Communications, Operational Coordination, Physical Protective Measures, Public Information and Warning, Risk Management for Protection Programs and Activities, Situational Assessment

**Mission Areas:** Protect, Respond, Recover, Mitigation

**Discipline(s):** Law Enforcement

**Training Certificates:**  
Center for Domestic Preparedness Certificate of Completion

**Course POC:**  
Michael Aguilar  
POC Work Phone: 256-231-0106  
POC Work Email: michael.aguilar@fema.dhs.gov
### Jurisdictional Threat and Hazard Identification and Risk Assessment

**Training Provider:** Texas Engineering Extension Service  
**Course Level:** Management  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 16.0  
**Duration (in Days):** 2.0

**Continuing Education Units:**  
General: 1.6

**Course Description:**  
The purpose of this course is to prepare participants to conduct a Jurisdictional Threat and Hazard Identification and Risk Assessment (THIRA). Participants will identify threats and hazards of jurisdictional concern, give those threats and hazards context, establish capability targets, and determine how to apply the THIRA results.

**Course Objectives:**  
At the end of this course, participants will be able to:  
1. Summarize the Threat and Hazard Identification and Risk Assessment process.  
2. Identify jurisdictional threats and hazards.  
3. Write threat and hazard context descriptions.  
4. Write core capability target statements.  
5. Apply Threat and Hazard Identification and Risk Assessment results to resource allocation and preparedness activities.  
6. Produce a sample Threat and Hazard Identification and Risk Assessment

**Other Prerequisites:**  
Participants should work in one of the above disciplines/services, possess a working knowledge of the jurisdiction’s Emergency Operations Plan (EOP) and Terrorism Incident Annex (TIA) to the EOP, and have completed a WMD/terrorism incident awareness course, or be approved by the local jurisdiction host.

**Primary Core Capability:**  
Infrastructure Systems

**Mission Areas:** Common


**Training Certificates:**  
Texas Engineering Extension Service Certificate of Completion

**Course POC:**  
LAW Registration Desk  
POC Work Phone: 800-423-8433  
POC Work Email: law@teex.tamu.edu
**Senior Officials Workshop for All Hazards Preparedness**

**Training Provider:** Texas Engineering Extension Service

**Delivery Type:** Mobile/Non-Resident

**Duration (in Hours):** 6.0

**Duration (in Days):** 1.0

**Course Level:** Management

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**Continuing Education Units:**

General: .6

**Course Description:**

This workshop is for local jurisdiction elected and appointed senior officials. Its purpose is to provide a forum to discuss strategic and executive-level issues related to disaster preparedness, share proven strategies and best practices, and enhance coordination among officials responsible for emergency response to a disaster. Participants receive an Executive Handbook outlining the emergency management framework (protection, preparedness, response, and recovery phases), as well as other key senior level issues and discussions topics.

**Course Objectives:**

At the end of this course, participants will be able to:

- Discuss roles and responsibilities and preparedness challenges,
- Discuss domestic preparedness resources and how to leverage them for their community,
- Discuss Homeland Security Strategic Planning as it relates to risk and needs assessment and the Emergency Operations Plan for their jurisdiction,
- Discuss executive-level incident response and recovery considerations, including medical/public health, situation appraisal, incident management, mutual aid agreements, media relations, recovery and restoration processes, Federal assistance, and business/economic recovery.

**Primary Core Capability:**

Planning

**Mission Areas:** Prevent


**Training Certificates:**

Texas Engineering Extension Service Certificate of Completion

**Course POC:**

Steve Keim

POC Work Phone: 979-458-5646

POC Work Email: Steve.Keim@teex.tamu.edu
Continuing Education Units:
General: 2.8

Course Description:
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.

Course Objectives:
At the end of this course, participants will be able to:
- Apply the essential Incident Command processes required for a large-scale response,
- Employ the Emergency Management Exercise System (EM*ES) in Incident Command Post (ICP) simulation-based practical exercises,
- Manage the response to a simulated large-scale, all-hazards incident within a unified Incident Command System (ICS) command structure,
- Evaluate the application of critical processes in the management of a high-consequence incident

Primary Core Capability:
Planning

Secondary Core Capability(s): Community Resilience, Operational Communications, Operational Coordination, Public Information and Warning, Situational Assessment

Mission Areas: Respond, Common, Mitigation


Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Chris Gable
POC Work Phone: 979-458-5620
POC Work Email: chris.gable@teex.tamu.edu

Course Details Link: https://teex.org/Pages/Class.aspx?course=MGT314&courseTitle=EnhancedAll-HazardsIncidentManagementUnifiedCommand
**Critical Asset Risk Management**

**Training Provider:** Texas Engineering Extension Service  
**Course Level:** Management

**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 16.0  
**Duration (in Days):** 2.0

**Continuing Education Units:**  
General: 1.6

**Course Description:**  
The purpose of this course is to help prevent, reduce, or mitigate the potential consequences of a domestic terrorist attack, natural catastrophe, or other emergency using all-hazards scenarios to determine site-specific consequences and their impacts to a jurisdiction. The course will assist local emergency responders and stakeholders in identifying critical infrastructure sectors that may be at risk in their jurisdiction and aid them in the development of mitigation strategies that can lessen the jurisdictional impacts.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Identify the major components of the Threat and Hazard Identification and Risk Assessment (THIRA) process.,  
- Characterize threats and hazards of concern.,  
- Define vulnerabilities within the jurisdiction.,  
- Identify the local jurisdictional infrastructure that could be potential targets and their unique security requirements.,  
- Estimate the potential consequences of an all-hazards incident.,  
- Discuss risk and the options to reduce the overall risk level.,  
- Describe how to plan for an asset-specific vulnerability assessment.,  
- Assess total risk to their assigned asset.

**Other Prerequisites:**  
Participants should work in one of the listed disciplines, possess a working knowledge of the organization's or facility's plans, policies, and procedures, and have completed a WMD/terrorism incident awareness course, or be approved by the local jurisdiction host.

**Primary Core Capability:**  
Risk and Disaster Resilience Assessment

**Secondary Core Capability(s):** Access Control and Identity Verification, Community Resilience, Cybersecurity, Intelligence and Information Sharing, Interdiction and Disruption, Long-term Vulnerability Reduction, Physical Protective Measures, Planning, Public Information and Warning, Risk Management for Protection Programs and Activities, Screening, Search, and Detection, Threats and Hazard Identification

**Mission Areas:** Mitigation

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Health Care, Law Enforcement, Other, Public Health, Public Safety Communications, Public Works

**Training Certificates:**  
Texas Engineering Extension Service Certificate of Completion

**Course POC:**  
Law Enforcement and Security Training  
POC Work Phone: 800-423-8433  
POC Work Email: law@teex.tamu.edu

**Course Details Link:**  
https://teex.org/Pages/Class.aspx?course=MGT315&courseTitle=Critical%20Asset%20Risk%20Management
Disaster Management for Public Services

**Course Level:** Management

**Training Provider:** Texas Engineering Extension Service

**Delivery Type:** Mobile/Non-Resident

**Duration (in Hours):** 16.0

**Duration (in Days):** 2.0

**Continuing Education Units:**
General: 1.6

**Course Description:**
The Disaster Management for Public Services 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 this 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 representatives from public service agencies such as utilities and public works, transportation, fire, public safety, city planning/urban development, public health, and local, state, and federal emergency management officials who are expected to identify and mitigate hazards and plan and manage disaster response and recovery efforts within their jurisdictions.

**Course Objectives:**
At the end of this course, participants will be able to:

- Identify threats to public services.
- Examine disaster planning and management principles for incidents affecting public services.
- Explain methods for preventing, protecting against, and mitigating disasters.
- Determine appropriate response actions to incidents affecting public services.
- Develop information for presentation to the public and media during an incident.
- Discuss the responsibilities of public services disaster recovery.

**Other Prerequisites:**
Successful completion of IS-100PWb, IS-200, and IS-700 are expected, but not required. Completion of IS-800 is also recommended.

**Primary Core Capability:**
Infrastructure Systems

**Secondary Core Capability(s):**

**Mission Areas:**
Prevent, Protect, Respond, Recover, Common, Mitigation

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Public Health, Public Safety Communications, Public Works, Security and Safety, Transportation

**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
Francis Melton
POC Work Phone: 979-845-1161
POC Work Email: Francis.Melton@teex.tamu.edu
Public Information in an All-Hazards Incident

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:
General: 1.6

Course Description:
This course examines the role of public information in Weapons of Mass Destruction (WMD), terrorist, and all-hazards incident management and provides practical training in crisis communication techniques. In a major incident, it is of critical importance that community leaders, incident managers, and public information officers are prepared to communicate with the public through traditional and social media. This course focuses on the role of public information in WMD, terrorism, or all-hazards incident management; the information needs of the press and public in a crisis; and strategies for planning, conducting, and managing the crisis public information effort. The intended audience is the individuals within a jurisdiction whose duties may require them to interface with news media during their community’s response to a WMD, terrorism, or all-hazards incident. Course participants who would benefit from this training include a jurisdiction’s key elected officials, public information officers, key department heads, key public health and medical personnel, first responders, and emergency management officials from both the public and private sectors.

Course Objectives:
At the end of this course, participants will be able to:
Understand the role of the public information function in WMD/terrorism incident management,
Understand the role of local, state, and federal governments and agencies in a WMD/terrorism incident,
Understand the news media environment and requirements in a WMD/terrorism incident and how to effectively communicate public information in the wake of such an incident,
Understand the communication life cycle in a WMD/terrorism incident and the actions necessary to successfully manage the public information effort throughout that cycle

Primary Core Capability:
Public Information and Warning

Secondary Core Capability(s): Community Resilience, Health and Social Services, Infrastructure Systems, Intelligence and Information Sharing, Logistics and Supply Chain Management, On-scene Security, Protection, and Law Enforcement, Operational Communications, Operational Coordination, Planning, Situational Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond, Recover, Common

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Other, Public Safety Communications, Public Works

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Shawn Mecham
POC Work Phone: 979-458-5635
POC Work Email: shawn.mecham@teex.tamu.edu
Medical Countermeasures: Points of Dispensing (POD), Planning and Response

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type: Mobile/Non-Resident

Duration (in Hours): 16.0

Duration (in Days): 2.0

Continuing Education Units:
General: 1.6

Course Description:
The Mass Prophylaxis Preparedness and Planning course is a Department of Homeland Security (DHS) certified course intended for the full spectrum of participants within a community—from volunteers to highly trained, skilled professionals. This course is a two-day workshop and facilitated discussion that covers the roles played by each of the following in distributing resources during a public health emergency: the Center for Disease Control’s Division of Strategic National Stockpile; the state, territory, or tribal nation; and the local jurisdiction.

Course Objectives:
At the end of this course, participants will be able to:
Upon the successful completion of this module, participants will be able to discuss the roles and responsibilities for local, state, and federal levels across a broad range of complex preparedness challenges related to mass prophylaxis,
Upon the successful completion of this module, participants will be able to apply the Incident Command System (ICS) for Point of Dispensing (POD) operations initial planning, execution, and demobilization of a jurisdictional response,
Upon the successful completion of this module, participants will be able to examine the planning needs to operate a Point of Dispensing (POD) site,
Upon the successful completion of this module, participants will be able to demonstrate the essential functions of Point of Dispensing (POD) setup and operations,
Upon the successful completion of this module, participants will be able to identify categories and training of personnel necessary for Point of Dispensing (POD) operations,
Upon the successful completion of this module, participants will be able to evaluate a mass prophylaxis dispensing plan for their jurisdiction through testing, developing, or refining

Other Prerequisites:
While not required, it is highly recommended that participants also complete the following courses available at http://www.training.fema.gov/IS/ to have a better understanding of the Incident Command System: Federal Emergency Management Agency (FEMA) IS-700 (NIMS, An Introduction) FEMA IS-800.B (National Response Framework, An Introduction) IS-100 (An Introduction to Incident Command System) IS-200.HC (Applying ICS to Healthcare Organizations) IS 808 (Emergency Support Function (ESF) #8-Public Health and Medical Services) It is also suggested that participants complete AWR 160 (WMD Awareness Level Training) available at http://www.teexwmdcampus.com.

Primary Core Capability:
Mass Care Services

Mission Areas: Prevent, Protect, Respond, Recover

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Other, Public Health, Public Safety Communications

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Juan Guerrero
POC Work Phone: 866-878-8900
POC Work Email: juan.guerrero@teex.tamu.edu
**Instructor Development Workshop**

<table>
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<tr>
<th>Training Provider:</th>
<th>Louisiana State University</th>
<th>Course Level:</th>
<th>Management</th>
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<tr>
<td>Delivery Type:</td>
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<td>Duration (in Hours):</td>
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<td></td>
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<td>Duration (in Days):</td>
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</tbody>
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**Continuing Education Units:**

General: 2.4

**Course Description:**
This course primarily serves to give insight into adult education and to improve the instructional skills and styles of experienced instructors. The course focuses on best teaching and training practices, and it enhances understanding of instructional competencies set by the International Board for Standards for Training, Performance, and Instruction (IBSTPI). Emphasis is placed on the active, learner-centered style of delivery and student experience. The course includes problem-based training and concentrates on providing performance, technical, and higher-level skills instruction.

**Course Objectives:**
At the end of this course, participants will be able to:

- Expand their knowledge of instructional methodology,
- Use key instructional terms and concepts,
- Develop an instructional style that allows participants to communicate effectively as they teach and train,
- Adapt instructional style to incorporate more enhancers from the adult learning process,
- Demonstrate effective instructor competence and evaluate others in the effectiveness of instructional style,
- Consider and analyze factors that could impact instructional effectiveness,
- Create a personal professional development plan for improving instructional skills

**Other Prerequisites:**
The NCBRT recommends that participants have prior instructional and training experience and knowledge of instructional methodology. To enroll in this course, participants must be U.S. citizens. Participants should be prepared to deliver two short presentations in small-group settings. The first, ten-minute presentation should focus on a casual topic such as a gobby or a process. The second, fifteen-minute presentation should focus on a topic that is work- or job- related.

**Primary Core Capability:**
Planning

**Mission Areas:** Common


**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
This two-day course provides campus leaders; faculty governance; student governance; campus law enforcement and security departments; campus health, medical, and mental health services; campus public affairs; jurisdictional law enforcement and public safety agencies; and jurisdictional public information officers with an understanding and ability to navigate difficult aspects of dealing with campus emergencies—either natural events or human-caused 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, course participants will observe a developing incident and respond in a manner consistent with currently established campus and jurisdictional emergency operations procedures.

Successfully preventing, deterring, responding to, and recovering from incidents in the campus community depend upon campus and community leaders recognizing the importance of an integrated approach beforehand. This holistic approach must recognize that successful nationally accepted emergency management principles used during responses to high-consequence events also can and will work when dealing with campus emergencies. Recent national events have demonstrated that campuses are not exempt from dealing with crises.

As these threats and hazards have increased and evolved, the US government has expanded its support of initiatives to prepare federal, state, tribal, and local law enforcement personnel, in conjunction with the collegiate community, to use an all-hazards approach when dealing with campus emergencies.

This class is designed to address campus emergencies associated with a spontaneous event requiring the attention of college and campus officials, emergency responders, elected officials, and other community stakeholders. The class consists of nine modules. These modules include classroom instruction, facilitated discussions, and practical activities involving scenario-driven problems intended to facilitate discussion and decision making.

Course Objectives:
At the end of this course, participants will be able to:
Recognize and describe the importance of integrated emergency responses during campus incidents and determine the appropriate courses of action should an incident occur within the campus community, Identify processes of recognizing threats and hazards, threat assessment teams and behavioral intervention teams, and information sharing associated with current safety and security challenges in campus communities, Recognize various elements required to produce an emergency operations plan for their campus, Appreciate the increased preparedness, response, and recovery capabilities the National Incident Management System and Incident Command System provide during a campus emergency, Recognize the critical role of internal and external communications during a crisis, Recognize and respond to an active campus threat or hazard, Identify practical techniques to address recovery issues on their campuses

Other Prerequisites:
Participants should be familiar with their respective roles and responsibilities with regard to emergency preparedness planning, the response to campus emergencies, and related post-incident activities and consequences.

**Primary Core Capability:**
Community Resilience

**Secondary Core Capability(s):** Access Control and Identity Verification, Critical Transportation, Cybersecurity, Economic Recovery, Environmental Response/Health and Safety, Forensics and Attribution, Health and Social Services, Housing, Infrastructure Systems, Intelligence and Information Sharing, Interdiction and Disruption

**Mission Areas:** Prevent, Protect, Respond, Recover, Common

**Discipline(s):** Emergency Management, Law Enforcement, Other, Public Safety Communications

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
Course Description:
This course teaches community leaders and public safety professionals how to plan for event security, a critical part of successful event planning. This is a planning- and management-level course designed to introduce basic principles and skills associated with planning security for a variety of events that range from small events to large-scale, regional events involving personnel from multiple agencies and jurisdictions.
This course enables participants to recognize and plan adequate strategies and security measures to prevent or mitigate incidents. Further, this course uses the all-hazards Threat and Hazard Identification and Risk Assessment (THIRA) approach to: 1) identify threats and hazards; 2) assess risks; and 3) establish planning measures to prevent, protect against, mitigate, respond to, and recover from threats and hazards that pose the greatest risk.
This course is designed to foster a Whole Community approach to event security planning and encourages participation among law enforcement, emergency management, EMS, fire service, and public health personnel, as well as other stakeholders who have a responsibility for security during planned event (e.g., event organizers). The Whole Community approach reinforces the benefits of cross-discipline collaboration in advance planning for event security.

Course Objectives:
At the end of this course, participants will be able to:
Conduct risk assessments for planned event,
Plan for event security activities, resources, and organizational structure,
Plan for contingencies that may occur during the planned event,
Develop event security plans and security plan briefings

Other Prerequisites:
- Participant must be a U.S. citizen

Primary Core Capability:
Physical Protective Measures

Secondary Core Capability(s): Access Control and Identity Verification, Community Resilience, Cybersecurity, Infrastructure Systems, Long-term Vulnerability Reduction, Operational Coordination, Planning, Public Information and Warning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

Mission Areas: Protect

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Public Health

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
**Course Description:**
This course is designed to educate all small- and rural-community public safety personnel as well as local officials concerning security concerns and considerations involved with planning any event. Designed as a planning level course, it does not provide operational training regarding security at planned events. This is a planning and management course designed to introduce basic principles and skills associated with planning security for events in small communities and rural areas. This course enables participants to recognize and plan adequate strategies and security measures to prevent or mitigate security incidents related to planned events. The course reinforces the importance and magnitude of security planning required to execute a safe and effective event regardless of the size of the event.

http://www.ruraltraining.org/online-course/458

**Course Objectives:**
At the end of this course, participants will be able to:
- Outline the components of planned events and security planning and the interrelationship of each,
- Identify and explain the roles and responsibilities of the event security planner and the security committee’s role in the successful execution of a planned event,
- Describe the basic concepts of gathering information and developing intelligence, assess their organization’s intelligence capability, and identify resources available to prevent and monitor criminal activity,
- Identify realistic threats, vulnerabilities, and impacts facing planned events, and use risk assessment as a means to plan for the prevention/mitigation and management of risks,
- Explain concepts of why and how common law enforcement activities are modified to become “force multipliers” during planned events,
- Explain the importance of C3 planning and give examples of the special considerations required when developing a command, control and communications plan regarding security during planned events,
- Assess the personnel, supplies, equipment and other resources needed to staff and equip organizations in order to enhance the security posture at planned events and or events with associated risks,
- Explain the relevance of ICS structure and concepts to security planning for events,
- State the role and functions of public information and media relations in planned events and explain the importance of developing a comprehensive media relations and public information campaign when planning security for events,
- Identify and explain the components required to develop and prepare a written security plan, and to explain the responsibilities and roles of the security planner in preparing and developing a comprehensive event security briefing intended for other LE professionals, the overall event planner, or the event planning commit

**Other Prerequisites:**
Strongly encouraged that students having a working knowledge of NIMS/ICS which is gained through review of FEMA ICS 700 material

**Primary Core Capability:**
Physical Protective Measures

**Secondary Core Capability(s):** Access Control and Identity Verification, Community Resilience, Cybersecurity, Infrastructure Systems, Long-term Vulnerability Reduction, Operational Coordination, Planning, Public Information and Warning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Threats and Hazard
Identification

**Mission Areas:** Respond  
**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Health Care, Law Enforcement, Public Health, Public Safety Communications, Public Works  
**Training Certificates:** Rural Domestic Preparedness Consortium Certificate of Completion  
**Course POC:**  
Registration Desk  
POC Work Phone: 877-855-7372  
POC Work Email: helpdesk@ruraltraining.org
Crisis Leadership and Decision Making

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident
Course Level: Management
Duration (in Hours): 4.0
Duration (in Days): 0.5

Continuing Education Units:
General: .4

Course Description:
This seminar is an executive-level presentation for the nation’s senior officials at the city, county, regional, territory, tribal, and state levels. Seminar participants will discuss the strategic- and executive-level issues and challenges related to preparing for, responding to, and recovering from a catastrophic incident. The venue provides an excellent opportunity to share proven strategies and practices and apply lessons learned from past natural and human-made disasters.

Course Objectives:
At the end of this course, participants will be able to:
Identify the prominent facts of the selected case study
Explain the importance of having plans in place that are adequate, feasible, adaptable, and all-hazards based
Identify the roles and responsibilities of senior officials in the event of a disaster or emergency
Examine the importance of rapid and accurate communication/information flow as a pivotal function of leadership in a crisis
Understand the roles, responsibilities, resources and associated structure, leadership, and planning necessary for effective recovery
Develop an action plan to capitalize on the lessons learned from the case study by relating them to the local jurisdiction.

Other Prerequisites:
Primary Core Capability:
Planning
Secondary Core Capability(s): Operational Coordination, Public Information and Warning, Situational Assessment
Mission Areas: Respond, Recover, Mitigation
Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Steve Keim
POC Work Phone: 979-458-5646
POC Work Email: Steven.Keim@teex.tamu.edu

Course Details Link: https://teex.org/Pages/Class.aspx?course=MGT340&courseTitle=CrisisLeadership&DecisionMakingforElectedOfficials
Disaster Preparedness for Hospitals and Healthcare Organizations Within the Community Infrastructure

Training Provider: Texas Engineering Extension Service  
Delivery Type: Mobile/Non-Resident

Course Level: Management  
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:  
General: 1.6

Course Description:  
Disaster Preparedness for Hospitals and Healthcare Organizations Within the Community Infrastructure brings together those individuals from the hospital and 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, this course provides an opportunity for participants to acquire the knowledge, skills, and abilities necessary to help them ensure the sustainability of their facilities and organizations during all types of disasters.

Course Objectives:  
At the end of this course, participants will be able to:
- Define preparedness, Discuss the three types of hazards Identify weapons of mass destruction categories., Identify the community's potential hazards., Describe medical injuries associated with different hazards
- Describe the preparedness components of the National Incident Management System NIMS), the National Response Framework (NRF), and the National Preparedness Guidelines (NPG), Discuss preparedness assessment using the Target Capability List., Describe the National Infrastructure Protection Plan (NIPP) and its relationship to the healthcare community.
- Identify Critical Infrastructure/Key Resources (CIKR) components that would affect the public health and healthcare infrastructure sector., Explain the concept of comprehensive emergency management., Discuss all-hazards emergency planning. Identify components of a Hospital Emergency Operations Plan., Describe training and exercise processes. Explain development of a Continuity of Operations Plan., Describe two types of recovery phases., Identify key components in healthcare recovery preparedness planning Identify special considerations to be addressed in recovering from a large-scale disaster event., Explain the concept of medical surge as an indicator of preparedness., Discuss the four key components of medical surge., Describe the features of a hospital surge checklist.

Primary Core Capability:  
Public Health, Healthcare, and Emergency Medical Services


Mission Areas: Protect, Respond, Recover, Common

Discipline(s): Emergency Management, Emergency Medical Services, Health Care, Law Enforcement, Public Health, Public Safety Communications, Security and Safety

Training Certificates:  
Texas Engineering Extension Service Certificate of Completion

Course POC:  
Andrew Wenzel
Strategic Overview of Disaster Management for Water and Wastewater Utilities

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type: Mobile/Non-Resident

Duration (in Hours): 4.0

Duration (in Days): 1.0

Continuing Education Units:

General: .4

Course Description:

This course is designed to provide a strategic overview of disaster management for water and wastewater professionals and presents information regarding preparing for and responding to natural or human-caused disasters that threaten water and wastewater facilities and systems. The course also covers planning for and responding to disasters that affect drinking 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 and are given the opportunity to practice developing a disaster response plan for a water and wastewater related disaster.

Course Objectives:

At the end of this course, participants will be able to:

- Determine potential all-hazard threats to water or wastewater facilities and systems,
- Prepare for an incident affecting a water or wastewater system or facility,
- Utilize the EPA Response Protocol Toolbox to respond to an incident affecting water or wastewater utilities

Primary Core Capability:

Infrastructure Systems

Secondary Core Capability(s): Long-term Vulnerability Reduction, Operational Coordination, Planning

Mission Areas: Respond, Recover, Mitigation


Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

Andrew Wenzel
POC Work Phone: 979-458-4609
POC Work Email: Andrew.Wenzel@teex.tamu.edu

Course Details Link: https://teex.org/Pages/Class.aspx?course=MGT342&courseTitle=Strategic+Overview+of+Disaster+Management+for+Water+and+Wastewater+Utilities
Disaster Management for Water and Wastewater Utilities

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:
General: 1.6

Course Description:
The Disaster Management for Water and Wastewater Utilities course is designed to provide training to water and wastewater professionals on issues concerning preparing for, mitigating against, responding to, and recovering from natural or human-caused disasters that threaten water and wastewater facilities and systems.

Course Objectives:
At the end of this course, participants will be able to:
Determine all-hazard threats that might affect water or wastewater systems;
Practice disaster planning and management for water and wastewater incidents;
Identify methods to mitigate disasters that threaten water and wastewater facilities and systems;
Determine appropriate response actions to an actual or threatened incident;
Demonstrate developing a disaster recovery plan.

Other Prerequisites:
Primary Core Capability:
Environmental Response/Health and Safety
Secondary Core Capability(s): Long-term Vulnerability Reduction, Operational Coordination, Planning, Threats and Hazard Identification
Mission Areas: Respond, Recover, Mitigation

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Andrew Wenzel
POC Work Phone: 979-458-4609
POC Work Email: andrew.wenzel@teex.tamu.edu

Course Details Link: https://teex.org/Pages/Class.aspx?course=MGT343
Disaster Management for Electric Power Systems

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:
General: 1.6

Course Description:
The Disaster Management for Electric Power Systems course is designed to provide training to electric systems managers and employees to prepare for, protect against, respond to, recover from, and mitigate against natural disasters, technological disasters, and human-caused incidents that affect or threaten electric power facilities and systems.

Course Objectives:
At the end of this course, participants will be able to:
Identify threats to electric power systems., Identify measures to reduce risks to electric power facilities., Identify the incident management system that allows a nationwide, all-hazards approach to disaster response., Discuss the responsibilities of electric utilities during disaster recovery., Develop information for presentation to the public and media during an incident., Discuss the planning activities involved when preparing for disasters.

Other Prerequisites:
Successful completion of IS-100wb, IS-200, IS-800, and IS-700 are expected, but not required.

Primary Core Capability:
Operational Coordination

Secondary Core Capability(s):
Access Control and Identity Verification, Community Resilience, Cybersecurity, Intelligence and Information Sharing, Logistics and Supply Chain Management, Long-term Vulnerability Reduction, On-scene Security, Protection, and Law Enforcement, Operational Communications, Operational Coordination, Physical Protective Measures, Planning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

Mission Areas:
Prevent, Protect, Respond, Recover

Discipline(s):
Emergency Medical Services, Fire Service, Information Technology, Law Enforcement, Public Works, Security and Safety

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Andrew Wenzel
POC Work Phone: 979-458-7909
POC Work Email: itsi@teex.tamu.edu
Continuing Education Units:
General: 2.4

Course Description:
This course provides personnel, who could be assigned or work in an Emergency Operations Center (EOC), 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 as described in the National Incident Management System (NIMS), with specific emphasis on the planning, resource, and information management processes. The course culminates with a scenario-based, simulation-supported exercise designed to provide practical experience with emergency management processes and decision-making skills necessary to effectively manage an EOC. The Emergency Operations Center (EOC) Operations and Planning for All-Hazards Events course is 24 hours long, with decision-based activities and exercises comprising 50 percent of the course.

Course Objectives:
At the end of this course, participants will be able to:
Identify how entities within the Multi-Agency Coordination System (MACS) are interconnected during a response., Describe the functions of and within an Emergency Operations Center (EOC)., Perform the management and operations functions of the Multi-Agency Coordination System (MACS), utilized by the Emergency Operations Center (EOC)., Perform the information management functions of the Multi-Agency Coordination Systems (MACS), as utilized by the Emergency Operations Center (EOC)., Perform the resource management functions utilized by the Emergency Operations Center (EOC)., Perform the planning functions utilized by the Emergency Operations Center (EOC)., Demonstrate knowledge of the Emergency Operations Center (EOC) Operations and Planning for All-Hazards Events course content., Operate within an EOC utilizing the functions within the Multi-Agency Coordination System (MACS) while supporting a response to a large-scale incident., Examine how critical areas of managing an all-hazard, high consequence incident response are applied in practice.

Other Prerequisites:
Participants must be actively employed, or tasked to work in an EOC. It is highly recommended attendees complete the following before attending the class:IS701 National Incident Management System Multi-Agency Coordination SystemIS775 EOC Management and Operations

Primary Core Capability:
Operational Coordination


Mission Areas: Prevent, Protect, Respond, Recover

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Health Care, Law Enforcement, Other, Public Health, Public
Safety Communications, Public Works, Security and Safety, Transportation

**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
Chris Gable
POC Work Phone: 979-458-5620
POC Work Email: Chris.Gable@teex.tamu.edu
Incident Command System (ICS) Forms Review

**Training Provider:** Texas Engineering Extension Service
**Course Level:** Management
**Delivery Type:** Mobile/Non-Resident

**Duration (in Hours):** 4.0
**Duration (in Days):** 1.0

**Continuing Education Units:**
General: .4

**Course Description:**
The ICS Forms Review course is a 4-hour workshop that provides emergency response supervisors and mid- to upper-level managers with a detailed introduction to the Incident Command System (ICS) forms used in the development of an Incident Action Plan (IAP) and/or Coordination Action Plan (CAP). Participants will examine the primary forms used in an IAP/CAP, 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.

**Course Objectives:**
At the end of this course, participants will be able to:
- Identify the ICS forms that serve as the basis for an IAP/CAP.
- Describe the incident action planning and coordination action planning process.
- Describe how resource needs are identified during the planning process.
- Discuss the operational planning period cycle (Planning P) diagram.
- Provide an example of a strategic management issue to consider during planning.

**Other Prerequisites:**
IS700.a National Incident Management System (NIMS), An Introduction
IS100.b Introduction to Incident Command System, ICS100, or equivalent training
IS200.b ICS for Single Resources and Initial Action Incidents, or equivalent training

**Primary Core Capability:**
Logistics and Supply Chain Management

**Secondary Core Capability(s):** Environmental Response/Health and Safety, Operational Communications, Operational Coordination, Planning, Public Information and Warning, Situational Assessment, Supply Chain Integrity and Security

**Mission Areas:** Respond, Common


**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
George Glenn
POC Work Phone: 979-458-3537
POC Work Email: George.glenn@teex.tamu.edu
Medical Preparedness and Response for Bombing Incidents (MPRBI)  

**Training Provider:** Texas Engineering Extension Service  
**Course Level:** Management  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 16.0  
**Duration (in Days):** 2.0  

**Continuing Education Units:**  
General: 1.6  

**Course Description:**  
Will you be prepared in the event of an “Improvised Explosive Device (IED)” blast for the number of victims you will need to care for and the blast injuries you will see? Will you be prepared for the investigation that will start one second post blast? Who are the stockholders in a mass casualty event like this?  
This co-sponsored course, developed and delivered by the TEEX/NERRTC and the New Mexico Institute of Mining and Technology’s Energetic Materials Research and Testing Center (NMT/EMRTC), provides a strong emphasis in developing a multi-discipline approach to respond for bombing incidents.  
Essential first responder/first receiver personnel who would be involved in the medical response to an explosive incident will be introduced to real world event case studies and research-based information designed to enhance medical preparedness for and response to blast effects. This dual audience/dual level course includes a Management and Planning level section focused on pre-incident indications of bombing incidents, bombing incident scene safety and security, and resource management for bombing incidents and 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.  

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Explain how to apply the lessons learned from the London bombing to help prevent and/or respond to a possible local bombing incident.  
- Identify and explain the threats posed by terrorists’ use of explosives against U.S. domestic targets.  
- Identify commonly used explosives, explosive devices, and basic blast physics.  
- Recognize and identify indicators of an imminent attack.  
- Safely conduct appropriate preventive, preparatory, and response actions during both the pre- and post-detonation periods of a bombing incident.  
- Recognize bombing injuries and identify appropriate triage and treatment modalities.  
- Take strategic and command issues into consideration when engaging in planning and improvement processes related to the prevention of, response to, and recovery from bombing incidents.  
- Demonstrate an understanding of key response issues to a major bombing incident.  

**Other Prerequisites:**  
There are no prerequisites for this course, although familiarity with the National Incident Management System (NIMS) and the Incident Command System (ICS) via completion of Federal Emergency Management Agency (FEMA) independent study courses IS-100, IS-200, and IS-700 (or their equivalents) is recommended  

**Primary Core Capability:**  
Mass Care Services  

**Secondary Core Capability(s):** Community Resilience, Critical Transportation, Environmental Response/Health and Safety, Health and Social Services, Infrastructure Systems, Intelligence and Information Sharing, Logistics and Supply Chain Management, On-scene Security, Protection, and Law Enforcement, Operational Communications, Operational Coordination, Physical Protective
Measures, Planning, Public Health, Healthcare, and Emergency Medical Services, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Prevent, Protect, Respond, Recover

**Discipline(s):** Citizen/Community Volunteer, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Other, Public Health, Public Safety Communications, Search & Rescue, Security and Safety, Transportation

**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
Juan Guerrero
POC Work Phone: 979-862-1063
POC Work Email: Juan.Guerrero@teex.tamu.edu
Incident Command: Capabilities, Planning, and Response Actions for All Hazards (IC) is a three-day course that provides management-level responders with knowledge of how decisions made by responders from various disciplines can impact the handling of a chemical, biological, radiological, nuclear, or explosive (CBRNE) incident. The importance of planning and training for a CBRNE incident response is stressed to participants, thus the course incorporates preparedness planning considerations and incident management concepts to train participants to serve as members of an incident management team. Participants are immersed in a curriculum that will promote development of their abilities to evaluate the threat, identify and prioritize probable targets, measure required capabilities, and discuss the Incident Response Plan (IRP) and Incident Action Plan (IAP) processes. The course culminates with a real-time, scenario-driven tabletop exercise that requires participants to apply concepts learned during the course to plan for and manage emergency response resources.

Course Objectives:
At the end of this course, participants will be able to:
- Identify responsibilities of personnel within the incident command system.
- Establish the initial command, perform a needs assessment, and institute accountability, life safety, scene stabilization, and property conservation measures.
- Establish a relationship between the Incident Commander (IC) and the Emergency Operations Center (EOC).
- Conduct a target vulnerability assessment that results in an accurate jurisdiction vulnerability rating for a CBRNE scenario.
- Identify and prioritize probable targets, measure required capabilities, and develop a local IAP for a CBRNE incident.
- Identify the government agencies and private sector resources that may offer assistance during a CBRNE incident.

Other Prerequisites:
- AWR-160, WMD/Terrorism Awareness for Emergency Responders;
- IS-100.b, Introduction to the Incident Command System or any of the available ICS-100 series; and
- IS-200.b, ICS for Single Resources and Initial Action Incidents or any of the available ICS-200 series

Primary Core Capability:
- Operational Coordination

Secondary Core Capability(s):

Mission Areas:
- Prevent, Protect, Respond, Recover, Mitigation

Discipline(s):

Training Certificate(s):
- Center for Domestic Preparedness Certificate of Completion

Course POC:
Managing Critical Incidents at Institutions of Higher Education: A Whole Community Approach

Training Provider: Texas Engineering Extension Service
Course Level: Management
Delivery Type: Mobile/Non-Resident
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
This course provides higher education campus administrators, campus emergency management teams and their community partners a forum to address the full-spectrum of emergency preparedness; prevention, protection, mitigation, response, and recovery as it relates to critical incidents affecting college campus and places specific emphasis on the unique aspects and challenges associated with higher education institutions. Participants learn to effectively manage a critical incident by applying an all-hazards, multi-disciplinary, community approach based on the National Incident Management System’s (NIMS) Incident Command System (ICS). The course is delivered through a combination of lecture and team activities, and culminates with instructor-led, role play exercise customized to the community in which the course is delivered.

Course Objectives:
At the end of this course, participants will be able to:
- Identify key concepts of incident evolution as it affects Institutions of Higher Education,
- Interpret roles, responsibilities, and relationships of stakeholders within the community,
- Model prevention and protection strategies to build a resilient community,
- Employ mitigation strategies to build a resilient community,
- Relate the Incident Command System to Institutions of Higher Education,
- Recognize the role of Emergency Operations Centers and they relate to the Multi-Agency Coordination System,
- Articulate issues related to recovery from incidents at Institutions of Higher Education,
- Reason through a simulated incident at an Institution of Higher Education by utilizing the principles and concepts provided in the course

Other Prerequisites:
- ICS-100.HE: Introduction to the Incident Command System for Higher Education
- ICS-200: Incident Command System for Single Resources and Initial Action Incidents

Primary Core Capability:
Planning

Secondary Core Capability(s):
Operational Coordination

Mission Areas:
Respond

Discipline(s):

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Law Enforcement and Security Training
POC Work Phone: 979-845-6677
POC Work Email: law@teex.tamu.edu

Course Details Link:
Course Description:
This planning/management-level course is designed to provide business continuity training to communities nationwide. In an effort to develop a standard terminology among private and public sector entities, it identifies commonalities between emergency management and business continuity planning, and outlines BCP within the framework of emergency management. Since successful recovery from disasters is contingent upon successful mitigation, preparedness and response, participants will learn how to write a business continuity plan comprised of four major strategies: 1) mitigation strategy, 2) preparedness strategy, 3) response strategy and 4) recovery strategy.

Course Objectives:
At the end of this course, participants will be able to:
Guide rural communities through the development of all-hazards mitigation strategies on a regional, local or organizational level, based on specific hazards, risks, and vulnerabilities.,
Develop a basic, but effective business continuity program., Examine the basic parts of a continuity business plan., Establish a business continuity plan program., Assess risk and impacts and develop strategies, Write a business continuity plan., Use components of a business continuity plan to respond to an event and conduct early recovery efforts.

Prerequisite(s): Terrorism and WMD Awareness in the Workplace, Web-Based (AWR-187-W), Emergency Response: Strengthening Cooperative Efforts Among Public Safety and Private Sector Entities (PER-280)

Other Prerequisites:
- Participant must be a U.S. citizen
- IS 200 – Introduction to the Incident Command System (ICS)
- IS 700.a Introduction to the National Incident Management System (NIMS)

Primary Core Capability:
Critical Transportation

Secondary Core Capability(s): Access Control and Identity Verification, Cybersecurity, Infrastructure Systems, Long-term Vulnerability Reduction, Physical Protective Measures, Planning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

Mission Areas: Common


Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Michelle Day
POC Work Phone: 606-274-0262
POC Work Email: michelle.day@eku.edu
Emergency Operations Plans for Rural Jurisdictions

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 8.0
Duration (in Days): 1.0

Course Description:
This 8-hour planning and management-level course is designed to provide rural first responders with the knowledge and skills to develop an emergency operations plan (EOP) for their local jurisdiction or region. Participants are provided with knowledge on the planning process, the different types of emergency operations plan formats, and the components of each. Participants engage in scenarios that are designed to reinforce the lessons learned and to enable them to determine the best format for their particular jurisdiction and to organize the various planning components into an EOP.

Course Location: This course will be held at local training facilities in rural communities throughout the country.

Course Objectives:
At the end of this course, participants will be able to:
- Describe the main function of an EOP,
- Describe the planning process necessary when writing an emergency operations plan,
- Describe the purpose of three EOP formats and summarize the pros and cons of each,
- Organize various planning components into an EOP.

Upon completion of a self-paced, take-home module participants will be able to successfully:
- Describe the additional types of plans beyond the emergency operation plan particularly administrative plans, mitigation plans, preparedness plans and disaster assistance plans.

Other Prerequisites:
- IS 100 Introduction to Incident Command System
- ICS 100
- IS 200 ICS for Single Resources and Initial Action Incidents
- IS 700 National Incident Management System (NIMS), An Introduction
- IS 701 NIMS Multiagency Coordination System (MACS) Course
- IS 800 National Response Framework, An Introduction
- IS 235 Emergency Planning
- Participant must be a U.S. citizen

Primary Core Capability:
Planning

Secondary Core Capability(s):

Mission Areas: Protect, Respond, Common

Discipline(s): Emergency Management, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Public Health

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
**Community Preparedness for Cyber Incidents**

**Training Provider:** Texas Engineering Extension Service  
**Delivery Type:** Mobile/Non-Resident  
**Course Level:** Management  
**Duration (in Hours):** 12.0  
**Duration (in Days):** 1.5

**Continuing Education Units:**  
General: 1.2

**Course Description:**  
This 12 hour, non-technical course is designed to develop community leaders and managers and stakeholders to prepare communities for cyber incidents by identifying protection, response and recovery strategies for cyber incidents that are able to be implemented in the community. The course utilizes a team approach to capitalize on the synergy of traditional emergency response organizations, local and state government, military and public and private operators of critical infrastructure, to accomplish this training.

**Course Objectives:**  
At the end of this course, participants will be able to:  
Upon successful completion of this course, participants will be able to utilize processes and frameworks including the Community Cyber Security Maturity Model, to develop and implement strategies within their organization and community to increase cyber resilience

**Primary Core Capability:**  
Cybersecurity

**Secondary Core Capability(s):** Access Control and Identity Verification, Community Resilience, Intelligence and Information Sharing, Planning, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Prevent

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Fire Service, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Public Health, Public Safety Communications, Public Works, Transportation

**Training Certificates:**  
Texas Engineering Extension Service Certificate of Completion

**Course POC:**  
KE Registration Desk  
POC Work Phone: 800-541-7149  
POC Work Email: ke@teex.tamu.edu
Community Cyber Security Exercise Planning

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 12.0
Duration (in Days): 2.0

Continuing Education Units:
General: 1.2

Course Description:
This is a 2-day non-technical course designed to introduce cyber to exercise planners to help them recognize the nature and reach of cyber, so they can better help their communities prevent, detect, respond to, and recover from cyber incidents. Participants will recognize how cyber can be incorporated into exercises in a meaningful way.

Course Objectives:
At the end of this course, participants will be able to:
- Define “community”, Define “cyber” and how it impacts daily activities,
- Describe some characteristics that make cyber incidents different from other incidents,
- Review the CCSMM and how its framework can help identify exercise objectives,
- Understand additional considerations in creating cyber objectives for an exercise,
- Review the Homeland Security Exercise and Evaluation Program (HSEEP), Use HSEEP as guidance to categorize cyber exercises,
- Identify additional resources for exercise planning,
- Review ways cyber injects can be added to exercises,
- Recognize cyber targets within a community,
- Define storyline development for cyber exercises,
- Recognize concerns, issues and organizations that contribute to scenario development,
- Develop ideas for cyber security scenarios,
- Define a community cyber security exercise,
- Identify how a community cyber security exercise is different from a cyber security exercise,
- Examine the goals, objectives, considerations, observations, results and recommendations of Dark Screen

Other Prerequisites:
AWR-136: Essentials of Community Cyber Security
Participants should have an understanding of exercise concepts and a high-level familiarity with HSEEP.

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s):
- Access Control and Identity Verification
- Community Resilience
- Infrastructure Systems
- Intelligence and Information Sharing
- Operational Communications
- Operational Coordination
- Planning
- Risk Management for Protection Programs and Activities
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Areas:
- Prevent, Protect, Respond, Recover, Common

Discipline(s):
- Emergency Management
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Works
- Security and Safety
- Transportation

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
KE Registration Desk
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu
Master of Arts Degree in Homeland Security

Training Provider: Naval Postgraduate School
Delivery Type: Residential

Course Level: Management
Duration (in Hours): 528.0
Duration (in Days): 60.0

Continuing Education Units:
General: 44

Course Description:
The Master of Arts in Security Studies at the Naval Postgraduate School Center for Homeland Defense and Security was the first advanced degree in homeland security offered in the United States. The program is 18-months long and combines distance and in-residence education. Students spend two weeks per quarter at the Naval Postgraduate School campus or CHDS’ facility at the Customs Border Protection Advanced Training Center in Harpers Ferry, W.Va. The remaining coursework is conducted online. The program develops officials’ critical thinking, analytical and problem-solving skills so they are prepared to overcome obstacles and create new policies and strategies to protect the nation. Students study topics such as critical infrastructure protection, planning and budgeting, technology in homeland security, and the psychology of terrorism, among others. Graduates are required to complete a thesis on a topic facing their employing agency. The degree is offered at no cost to eligible senior and fast-track local, state, tribal and federal officials.
www.CHDS.us

Course Objectives:
At the end of this course, participants will be able to:
Develop future leaders responsible for homeland defense and security at the Federal, State, and local levels, Provide current and future leaders with the necessary skills and knowledge to defeat terrorism, Enhance interagency communication and civil military cooperation at all levels of government

Other Prerequisites:
A four year degree from an accredited institution with a 3.0 GPA or above All applicants must make the case for the criticality of their position to homeland security. All DHS components require their employees to apply through their training and education department before submitting an official application on the website. Please see the online application for a list of the points of contact for each component. More information is available at: www.chds.us/masters/overview. Eligibility requirements: http://www.chds.us/masters/eligibility

Primary Core Capability:
Planning

Mission Areas: Common


Training Certificates:
Master's Degree

Course POC:
Program Support
POC Work Phone: 831-656-3829
POC Work Email: chdsmaap@nps.edu
Planning and Intervention for Gangs, Hate and Terrorist Groups in Rural Jails and Prisons

Training Provider: Rural Domestic Preparedness Consortium  
Course Level: Management  
Delivery Type: Mobile/Non-Resident  
Duration (in Hours): 8.0  
Duration (in Days): 1.0

Course Description:
This eight-hour, management-level instructor-led course focuses on rural correctional facilities as unique environments for threat group recruitment and radicalization. The course examines the processes by which recruitment and radicalization occur and proposes methods for strengthening the information gathering and sharing process. Two case studies and a tabletop exercise embedded in the course are designed to emphasize to students the urgency of threat group recruitment in rural jails and prisons, to illustrate the mechanisms by which recruitment and radicalization occur, and to explore the roles of various agencies in gathering and sharing operational information. Unlike other courses that focus entirely on threat group identifiers as a means of preparing corrections personnel for intervention, this course builds knowledge around threat group categories, identifiers and philosophies, and then focus on the convergence of methodologies and the practices, policies, and conditions specific to rural correctional facilities. Additionally, this course relays the elements of deterrence, intervention, and information gathering and sharing as they pertain to the task parameters of rural corrections personnel.

To register for this course, please call 877-855-RDPC (7372)

Course Objectives:
At the end of this course, participants will be able to:
Explain the terms radicalization and recruitment with regard to threat groups existing in rural jails and prisons in America., Describe why rural jails, prisons, and communities are becoming more susceptible to problems of inmate radicalization and recruitment into extremist groups., Explain the consequences of radicalization and recruitment of threat groups existing in rural jails and prisons to rural communities., Summarize the factors that contribute to radicalization and recruitment of threat groups in rural jails and prisons in America., Give examples of three civil rights considerations of incarcerated individuals in America., Cite federal statutes that were created to protect the civil rights of all incarcerated individuals in America., Characterize the relationship between radicalization and recruitment with regard to threat groups existing in rural jails and prisons in America., Outline the phases of the radicalization process with regard to threat groups existing in rural jails and prisons in America., Recognize the characteristics and indicators that inmates are susceptible to radicalization and recruitment., Identify rural jails and prisons policies and procedures that contribute to potential recruitment vulnerability and radicalization of inmates., Apply knowledge of threat group radicalization and recruitment practices in order to collect relevant information., Categorize actionable information regarding possible recruitment activity or inmate radicalization in rural jails and prisons for dissemination to local, state and federal agencies., Create systems to bridge gaps in current information gathering and sharing procedures., Design an approach to distinguish between credible and spurious threats., Formulate a system for communication reflecting shared information gathering goals., Perceive the stages of radicalization as they occur in a rural jail or prisons scenario., Assess current information collecting and sharing strategies., Suggest improvements to procedures and policies that improve radicalization deterrence and information collecting and sharing., Compile information for an internal Hot Wash as a means of self-evaluation., Provide solutions for an instructor/evaluator-led case study review., Design a policy for deterring and intervening in the threat group recruitment
and radicalization process.

**Other Prerequisites:**
Participant must be a U.S. Citizen

**Primary Core Capability:**
Interdiction and Disruption

**Secondary Core Capability(s):** Forensics and Attribution, Intelligence and Information Sharing, Planning, Public Information and Warning, Screening, Search, and Detection, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Prevent, Common

**Discipline(s):** Law Enforcement, Other, Public Safety Communications

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Response Planning for People with Access and Functional Needs in Rural America

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Mobile/Non-Resident

Course Description:
This is a planning and management-level course. This course will assist in preparing communities to meet the assistance and safety needs of older adults, and people with access and functional needs during a crisis event in rural communities using an approach with the Department of Homeland Security’s (DHS) Whole Community initiative. Due to the expected diverse student population, general information regarding crisis planning and response (incident command system (ICS), National Incident Management System (NIMS), etc.) will be discussed, flowing into a narrower discussion regarding the needs and care issues of older adults. Included in the discussion are short- and long-term care, pet care, medication, and the need for durable medical equipment and healthcare. The issue of individuals from assisted-living and nursing homes will be emphasized in lessons learned from various disasters.

Course Objectives:
At the end of this course, participants will be able to:
Develop emergency plans that include people with access and functional needs by working with them and their supporting organizations during the planning process for local communities.,
Identify the concepts of NIMS, the Emergency Management Cycle, Emergency Management Accreditation Program (EMAP), and Private Sector Preparedness Accreditation and Certification Program (PS-Prep™) and recognize the applicability of this course to the functions of their organization.,
Formulate roles and responsibilities for the evacuation and sheltering of individuals with access and functional needs, and examine private/public partnerships that enable planning and response efforts.,
Explore response barriers and examine outreach tactics and strategies as they relate to individuals with access and functional needs living independently.,
Develop community-level strategies designed to integrate access and functional needs preparedness and response into existing programs, and examine additional matters (medical, safety, security, financial, service animals, and pet care) as they relate to planning with individuals with access and functional needs in rural communities.,
Develop planning and response strategies tailored to the needs of access and functional needs care providers.,
Develop tasks and projects to mitigate the effects of a simulated emergency on a local population with access and functional needs during a crisis event.

Other Prerequisites:
- Participant must be a U.S. citizen
- IS 100 Introduction to the Incident Command System (ICS)
- IS197.EM Special Needs Planning Considerations for Emergency Management
- IS200.b ICS for Single Resources and Initial Action Incidents
- IS200.HCa Applying ICS to Healthcare Organizations

Primary Core Capability:
Planning

Mission Areas: Prevent, Protect, Respond, Common

Discipline(s): Citizen/Community Volunteer, Education, Emergency Management, Governmental Administrative, Health Care, Public Health, Public Works, Transportation

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion
Course POC:

Julie Wilson
POC Work Phone: 877-855-7372
POC Work Email: jwilson@centertech.com
POC Information: Julie Wilson, jwilson@centertech.com, Telephone Number: 606-677-6122, https://www.ruraltraining.org/training/schedule
Sports and Special Events Incident Management

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident
Course Level: Management
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:
General: 1.6

Course Description:
This course has been developed in partnership between TEEX/NERRTC and the University of Southern Mississippi’s National Center for Spectator Sports Safety and Security (NCS4), bringing together the experience and expertise best suited to address these specialized areas. This 16-hour course develops athletic department staffs, facility management personnel, campus public safety personnel, emergency response supervisors, and others involved in sports/special event management to better manage incidents that could occur during an event. The course provides participants the skills necessary to effectively manage an incident by applying and implementing a multi-disciplinary management team approach as described in the National Incident Management System. The course has specific emphasis on the unique aspects of response to an incident occurring during a sports/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 facility in which the course is delivered. It provides specific emphasis on incident action planning and resource management processes.

Course Objectives:
At the end of this course, participants will be able to:
Demonstrate knowledge of issues related to crises that may occur during sports/special events including:
- Identify potential risks to sports and special events, as well as develop mitigation strategies that could lessen or alleviate the impact of the risks;
- Identify event management stakeholders and partner relationships as they relate to sports and special event management;
- Identify event planning considerations, including the importance of the event action plan and the difference between event planning and incident action planning;
- Identify the essential elements of and steps involved in transitioning from event/game-day operations to the incident action planning process needed to produce an initial plan for an incident response;
- State the importance of recovery issues after an incident and partnerships in event/incident demobilization, close out, hot wash, and after action review;
- Apply incident management, planning, and resource management techniques as they relate to an incident that occurs within a special event or in a sports venue within a multi-agency, multi-discipline response scenario. Critical topics include the role of partnerships, roles, and responsibilities; business continuity; event planning; resource management;and how to move from event to incident management.

Other Prerequisites:
CS for Single Resources and Initial Action Incidents (IS-200.b), or equivalent basic incident command system training. Preferred: Sport Event Risk Management (AWR-167) or equivalent training/experience.

Primary Core Capability:
Operational Coordination

Secondary Core Capability(s): Planning, Risk Management for Protection Programs and Activities, Situational Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond, Common, Mitigation

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical
NTED
Services, Fire Service, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Other, Public Health, Public Safety Communications, Public Works, Security and Safety

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
George Glenn
POC Work Phone: 979-458-3537
POC Work Email: George.Glenn@TEEX.tamu.edu
Course Description:
This planning and management-level course trains FBCO representatives, management-level emergency managers, and first responders from rural and small communities to strategically mobilize and engage members of faith-based community organizations, including religious charities, nonprofits such as the Salvation Army, the American Red Cross, churches (both affiliated and unaffiliated), temples, synagogues, mosques, and NGOs etc., in a reciprocal approach to disaster planning that is integrated into current local and statewide emergency management efforts.

This course emphasizes grassroots mobilization and coordination efforts as a means of engaging all faith communities, thereby reaching those marginalized communities most vulnerable to disaster, most frequently excluded from the planning process, and ultimately, most difficult to aid in recovery. This course introduces vital emergency management concepts to FBCO leaders, many of whom will have had no prior experience with emergency management and also seeks to educate emergency managers and first responders about the critical role FBCOs can play in strengthening preparedness.

Course Objectives:
At the end of this course, participants will be able to:
List and describe four types of FBCOs., Describe the uniqueness of FBCOs when compared to secular organizations., List the critical services FBCOs have provided during and after major disasters., Explain the successes and challenges FBCOs experienced during their response to Hurricane Katrina., List and describe five factors that limit FBCOs when providing services during the wake of Hurricane Katrina., Explain why FBCOs should be integrated into local and county-wide emergency operations plans (EOP)., List four key issues that must be addressed in order to maximize the effectiveness of FBCOs in preparing communities for disaster., Define the four phases of the disaster management cycle of emergency management., Explain the concepts and terms relevant to emergency management and emergency plans including the National Incident Management System (NIMS) and the National Response Framework (NRF)., Differentiate between the responsibilities of local governments during local disasters and those of the other agencies., Summarize the responsibility of state and federal governments during local disasters., Characterize where the responsibilities of non-governmental organizations (NGOs) fit in with those of the other agencies during local disasters., List the three levels of preparedness., Summarize the role of FBCO leadership in preparing FBCOs for disaster., List the critical elements of a FBCO emergency plan., Analyze necessary elements of their local FBCO in order to complete an emergency preparedness checklist., Explain how to set up a Community Emergency Response Team., Define an emergency operations plan (EOP) according to FEMA’s Comprehensive Preparedness Guide 101., List and describe five basic types of plans, according to the National Fire Protection Agency (NFPA)., State the standard process for developing a county plan., State the responsible parties for developing a plan., Describe the components of a typical county emergency plan., Discuss assets that are unique to FBCOs., Examine ways FBCOs can be employed to deal with trust concerns., Identify ways FBCO social networks, community collaborations, and physical assets can be used to fill gaps in EOP plans and planning., Describe the essential elements of a Memorandum of Understanding between an FBCO and emergency
management agency., Review an agreement that defines FBCO engagement during a disaster., Create a COAD purpose statement for a new local COAD that engages FBCO members.

Other Prerequisites:
IS 100 Introduction to the Incident Command System (ICS)

Primary Core Capability:
Community Resilience

Mission Areas: Prevent, Protect, Respond, Recover

Discipline(s): Citizen/Community Volunteer, Emergency Management, Governmental Administrative, Other

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Community Healthcare Planning and Response to Disasters  

Training Provider: Louisiana State University  
Delivery Type: Mobile/Non-Resident

Course Level: Management  
Duration (in Hours): 16.0  
Duration (in Days): 2.0

Continuing Education Units:  
General: 1.6

Course Description:  
This course will provide medium- to high-level decision makers with comprehensive planning tools to mitigate impacts on communities during large-scale incidents. This course examines the need for collaboration among responders in a community-wide disaster response. The NCBRT will deliver training through a combination of facilitated discussion, hands-on training, and traditional classroom-style instruction. Recognizing that response to disasters differs by locale, the course is designed to be tailored based on local participant needs.

Course Objectives:  
At the end of this course, participants will be able to:
Define concepts related to community healthcare and preparedness and examine what constitutes a disaster in a given community,
Define the components of a comprehensive plan for community-wide incident response,
Describe ethical and legal issues and discuss ways to plan and prepare for decision making during disasters and mass casualty incidents,
Assemble information regarding disaster resources and describe incident management and agency roles during a disaster,
Describe the means by which medical resources, facilities, decision making, and alternate care sites are used and modified during mass casualty incidents,
Using a fictitious scenario, analyze the impacts of a large-scale incident and integrate lessons learned from the course into this analysis,
Discuss and apply the components of an after-action report and examine the steps a community may take to return to post-incident normalcy,
Discuss the future of community healthcare preparedness.

Other Prerequisites:  
Introduction to Incident Command System (IS100.b) or Introduction to Incident Command System for Healthcare/Hospitals (IS100.HCb)ICS for Single Resources and Initial Action Incidents (IS200) National Incident Management Systems: An Introduction(IS700.a) Awareness and Response to Biological Events (AWR-118)

Primary Core Capability:  
Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s): Community Resilience, Environmental Response/Health and Safety, Operational Communications, Operational Coordination, Planning, Situational Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond, Recover


Training Certificates:  
Louisiana State University Certificate of Completion

Course POC:  
Registration Desk
POC Work Phone: 877-829-8550
Sport Venue Evacuation and Protective Actions  

Training Provider: Texas Engineering Extension Service  
Delivery Type: Mobile/Non-Resident

Course Level: Management  
Duration (in Hours): 15.0
Duration (in Days): 2.0

Continuing Education Units:  
IACET: 1.5

Course Description:  
The Sport Venue Evacuation and Protective Actions course provides sport and special event venue personnel and event management with the fundamental knowledge and skills necessary to prepare and/or enhance their event action plan and planning process. The course provides flexible and scalable protective measures for evacuation and sheltering-in-place, implementable in isolation or in response to a larger, multi-agency response initiative. This innovative course helps venue operators, first responders, emergency managers, law enforcement, contractors, promoters, and owners of events collaborate on evacuation and sheltering plans with actionable decision criteria that can be adapted for almost any event.

Course Objectives:  
At the end of this course, participants will be able to:  
- Analyze the importance of a well-defined organizational structure for planning and managing a protective action, evacuation, or shelter-in-place situation;
- Analyze the core elements of planning for “How Best to Protect”;
- Evaluate the concepts of implementing a “How Best to Protect” event action plan for sport venues;
- Apply appropriate communication methods for delivering information;
- Apply a plan for training, exercises, and equipment that prepares venue staff for accomplishing protective actions;
- Critically evaluate a sport venue’s protective actions.

Other Prerequisites:  
Participants are recommended to have successfully completed IS-100, IS-200, IS-700, and IS-800.

Primary Core Capability:  
Planning

Secondary Core Capability(s): Community Resilience, Logistics and Supply Chain Management, Operational Coordination, Physical Protective Measures, Public Information and Warning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Situational Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond, Mitigation

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Other, Public Safety Communications, Security and Safety

Training Certificates:  
Texas Engineering Extension Service Certificate of Completion

Course POC:  
Daniel Ward
POC Work Phone: 601-266-5999
POC Work Email: Daniel.L.Ward@usm.edu
**Advanced Critical Infrastructure Protection**

**Training Provider:** Texas Engineering Extension Service

**Course Level:** Management

**Delivery Type:** Mobile/Non-Resident

**Duration (in Hours):** 8.0

**Duration (in Days):** 1.0

**Continuing Education Units:**

General: .8

**Course Description:**
The purpose of this management level course is to extend the knowledge, skills, and abilities developed in the awareness level course (AWR-213) and to formulate considerations for the resilience of jurisdictional assets leveraging cross-sector partnerships. These considerations as part of a resilience action plan will enhance the whole community’s ability to manage the risk associated with critical infrastructure protection efforts.

**Course Objectives:**
At the end of this course, participants will be able to:
Discuss the importance of resilience of critical infrastructure to the national homeland security strategy, Discuss the importance of cyber security to other sectors, as discussed in Federal strategy documents, Discuss the National Preparedness Goal as it relates to the whole community approach to resilience, Discuss the resources, methods and benefits of private sector participation in the PS-Prep Program, Identify jurisdictional critical infrastructure assets within all CI sectors, Identify interdependencies between the critical infrastructure sectors, Prioritize the critical infrastructure sector assets, Describe the purpose and components of a resilience plan, Prioritize assets within and across sectors, Analyze asset and sector impact on jurisdictional resilience, Develop next steps for asset resilience, Develop options for sector-specific next steps for highest-priority sectors, Develop a list of jurisdiction-level resilience actions, Identify additional critical infrastructure national level protective efforts, Review DHS-funded training and exercise support available to local jurisdictions, Discuss next steps toward jurisdictional resilience

**Prerequisite(s):** Critical Infrastructure Security and Resilience Awareness (AWR-213)

**Primary Core Capability:**
Infrastructure Systems

**Secondary Core Capability(s):** Community Resilience, Critical Transportation, Cybersecurity, Economic Recovery, Health and Social Services, Housing, Intelligence and Information Sharing, Logistics and Supply Chain Management, Long-term Vulnerability Reduction, Natural and Cultural Resources, Operational Coordination, Planning, Public Information and Warning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Situational Assessment, Supply Chain Integrity and Security

**Mission Areas:** Prevent, Protect, Recover


**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
LAW Registration Desk

POC Work Phone: 800-423-8433

POC Work Email: law@teex.tamu.edu
**Disaster Recovery in Rural Communities**

**Training Provider:** Rural Domestic Preparedness Consortium  
**Course Level:** Management  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Course Description:**
This 8-hour instructor led course teaches community leaders and emergency managers in rural communities how to plan for and execute disaster recovery efforts. Upon implementation, this course will assist rural communities with expediting recovery efforts and facilitating the long-term economic success of their communities.

**Course Objectives:**
At the end of this course, participants will be able to:
- Identify the phases of response, short-term, and long-term recovery and the important concepts of the National Disaster Recovery Framework, the National Response Framework, the Whole Community Approach to Disaster Recovery, and Recovery Support Functions, in relation to rural recovery.
- Understand and apply the principles and strategies for pre-disaster recovery planning and disaster mitigation.
- Apply critical thinking skills to a post-disaster scenario; differentiate between response and recovery tasks; and implement and manage short-term and intermediate disaster recovery.
- Implement a 7-step process for initiating long-term community recovery.
- Evaluate LCTR projects, prioritize them, and articulate recovery visions to the community.
- Select LTCR leaders, identify and procure project/recovery funding, implement a LTCR plan, and maintain community investment in recovery goals.

**Other Prerequisites:**
Participants must be U.S. citizens. Foreign nationals may apply to DHS to attend on a case-by-case basis. It is highly recommended that participants complete the following:
- IS 100.b Introduction to Incident Command System ICS 100
- IS 700.a NIMS An Introduction
- IS 2900 National Disaster Recovery Framework, Overview

**Primary Core Capability:**
Planning

**Secondary Core Capability(s):** Community Resilience, Risk and Disaster Resilience Assessment

**Mission Areas:** Respond, Recover

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Health Care, Law Enforcement, Public Health

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Julie Wilson
POC Work Phone: 606-677-6122
POC Work Email: jwilson@centertech.com
POC Information: https://www.ruraltraining.org/training/schedule
Introduction to Continuity of Government Planning for Rural Jurisdictions

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Mobile/Non-Resident

Course Description:
This eight hour management/planning course is designed to help officials and emergency responders from rural communities in the development of continuity plans that will ensure the continuity of essential government functions across a spectrum of emergencies. History demonstrates that disasters and emergencies often interrupt, degrade, or destroy local government’s ability to perform essential functions. This is especially true in rural communities where resources are typically limited under the best of circumstances. These jurisdictions must develop plans that address succession planning, redundant communications, and alternate site needs for their communities to face increasingly frequent threats.

In this course of four modules, participants will:
- Identify the concepts of NIMS, the Emergency Management Cycle, EMAP, and PS-Prep and recognize the applicability of this course to the functions of their organization.
- Develop and implement a viable succession plan with delegations of authority for a rural jurisdiction.
- Construct a tiered, continuity communication program consisting of the appropriate supporting systems for a local jurisdiction.
- Identify and establish an all-hazards alternate facility for their local jurisdiction.
- Construct and initiate continuity response and recovery plans for their jurisdictions.

Upon completion of this instructor-led course, participants will have the basic tools to develop continuity of government plans for rural communities with special focus on succession planning, delegation of authority, redundant communications, and alternate facilities.

Course Objectives:
At the end of this course, participants will be able to:
- Distinguish the difference between Continuity of Government (COG) and Continuity of Operations (COOP).
- Explain the purpose of each NIMS component: Preparedness, Communications and Information Management, Resource Management, Command and Management, and Ongoing Management and maintenance.
- Describe the National Preparedness Goal Mission Areas.
- Relate the preparedness objectives of EMAP and PS-Prep to emphasize the partnership between DHS and the private sector.
- List the goals of a viable emergency succession plan for a rural community.
- Restate the basic recommendations of a succession plan.
- Evaluate and prepare orders of succession.
- Describe the goals of delegations of authority.
- List the common characteristics for delegations of authority.
- Establish the need for an all-hazards alternate facility in a rural jurisdiction.
- Identify alternate site requirements based on local jurisdictional needs.
- Compare alternate site facility types, and select appropriate all-hazard options for their local jurisdictions.
- Negotiate an all-hazard alternate site use agreement with a private sector organization or another jurisdiction.
- State the case for a continuity communication program and supporting systems for a local jurisdiction.
- Identify all necessary local communication partners to involve in the planning, implementation, and testing.
- Recognize the key components of a viable redundant communication program.
- Appraise the components and related considerations of a tiered, redundant, communications model.
- Use an implementation plan to compare available technology, select appropriate systems, and adapt them to a local jurisdiction.
- Develop a basic comprehensive response plan with special emphasis on employing lines of succession, activating redundant communication solutions, and...
moving to alternate sites for a local jurisdiction. Develop a base comprehensive recovery plan with special emphasis on restoring normal organizational structure, re-establishing regular communications, and relocating to permanent facilities from an alternate site for a local jurisdiction.

**Other Prerequisites:**
Participant must be a U.S. citizen

**Primary Core Capability:**
Community Resilience

**Mission Areas:** Protect, Respond, Recover

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Governmental Administrative, Law Enforcement, Other

**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Crisis Management for School-Based Incidents for Key Decision Makers  

Training Provider: Rural Domestic Preparedness Consortium  
Delivery Type: Mobile/Non-Resident

Course Description:
The purpose of this 2 day management/planning level course is to provide the operational-level details to support many of the topics covered in the U.S. Department of Homeland Security (DHS) approved AWR 148: Crisis Management for School-Based Incidents – Partnering Rural Law Enforcement and the Local School Systems awareness-level course. Rural schools, law enforcement, other emergency responders, and community stakeholders are often limited in their access to resources, so it is imperative that all potentially affected parties collaborate in planning, preparation, communication, response, and recovery in the event of a school-based incident. Moreover, these affected parties must come together to practice their interoperable skills through drills and exercises to ensure the strategies in place provide for an effective crisis response and collaborative recovery.

With the intent of building upon the foundation of the AWR 148 course and utilizing an all-hazards approach, this two-day course will provide content instruction, develop concept-specific skills, and provide opportunities for law enforcement, school personnel, and community stakeholders to collaboratively apply the course objectives in scenario-based applications.

Course Objectives:
At the end of this course, participants will be able to:
Apply key terms, including all-hazards, natural and man-made, as they relate to school-based or school-impacted disasters and/or crisis events., Determine the components of an effective Emergency Operation Plans (EOP), noting deficiencies in reviewed plans., Compare state/federal requirements to EOPs as well as other state initiatives pertaining to school safety (e.g., training requirements, safe school legislation, etc.), Analyze recent developments in liability and negligence litigation that may impact planning and preparedness in schools and local agencies., Determine the roles and responsibilities of school response teams as well as the desired characteristics of potential team members., Develop procedures for the creation of effective teams, facilitating the collaboration required with other community stakeholders., Discuss vulnerability assessments (VA), Analyze the site survey process including other aspects of the environment that may impact safety beyond the facility itself, such as policy, procedures, and daily practices., Illustrate the importance of cross-discipline vulnerability assessment teams and strategies for their creation, management, and communication., Given various vulnerability scenarios, develop strategies for mitigation and prevention., Discuss Threat Assessment Management (TAM), Compare and contrast threat assessment and vulnerability assessment., Analyze key findings from the U.S. Secret Service and U.S. Department of Education Safe School Initiative as well as recent factors indicated in current research., Illustrate the importance of TAM team goals, roles, responsibilities, and procedures., Compare and contrast the Threat Assessment Inquiry (TAI) process to TAM., Determine preventative measures in light of the TAM process especially as it relates to school staff, students, parents, and community stakeholders., Analyze the legal, policy, and due process dilemmas inherent in conducting potential perpetrator threat assessments., Given response protocols, develop possible improvements based on a review of effective strategies for lockdown, evacuation, shelter-in-place, natural disaster response, and bomb-threat management., Prepare response protocols that effectively integrate emergency responders and the school., Analyze the reunification (dual-gate) process as it applies to all-
hazards., Develop implementation protocols for crisis recovery for all affected parties., Analyze the hazards apparent in a scenario-based school crisis event., Analyze potential vulnerabilities in a scenario-based school crisis event., Analyze threat levels in a scenario-based school crisis event., Create appropriate and effective response protocols in a scenario-based school crisis event., Design appropriate and effective recovery procedures in a scenario-based school crisis event.

Other Prerequisites:
Participant must be a U.S. citizenHighly recommended: AWR 148 or AWR 148-WIS 100.a

Primary Core Capability:
Operational Coordination

Mission Areas: Prevent
Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Other, Public Safety Communications

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Readiness: Training Identification and Preparedness Planning

Training Provider: Texas Engineering Extension Service, Louisiana State University
Course Level: Management
Delivery Type: Mobile/Non-Resident
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:
General: 1.3

Course Description:
The goal of Readiness: Training Identification and Preparedness Planning (RTIPP) 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. Participants will learn how to implement a training planning process in their community using a seven-step process. First, participants will build an assessment team with representatives from the whole community. The whole community assessment team will examine and enhance the jurisdictional profile and identify and assess risks for their particular community. Next, the team should estimate the capability requirements and establish target skill levels for the capabilities most applicable to their community. Then, the assessment team can analyze their current set of capabilities and identify where their capability training does not meet their skill need. After completing the RTIPP process, participants will discuss RTIPP implementation in their communities, including barriers, and create an action plan to deliver and validate capabilities.

Course Objectives:
At the end of this course, participants will be able to:
- Explain how the RTIPP process will support their community,
- Choose appropriate preparedness tools for analyzing capability gaps in their agencies,
- Create an assessment team to conduct their jurisdiction training assessment, using the whole community approach and step 1 of the RTIPP process,
- Demonstrate an awareness of their jurisdiction’s characteristics that may affect a disaster response and the need for specific training using step 2 of the RTIPP process,
- Write capabilities-based training goals for their agency using steps 3 and 4 of the RTIPP process,
- Complete a prioritized training plan and a multiyear training plan to address training goals in their agency by using steps 5-7 of the RTIPP process,
- Create an action plan to overcome potential barriers to implementing the jurisdiction training assessment process within their community

Other Prerequisites:
Participants must have significant expertise in their functional areas and in training management. Participants must have knowledge of the jurisdictional emergency response plan and mutual aid agreements as well as discipline-specific internal training processes. Experience with data collection and interpreting reporting tools is important, as is the ability to create an operational calendar at the conclusion of the assessment. Participants of the train-the-trainer course must have prior instructional experience and knowledge of instructional methodology. Must have instructor or trainer certification by the authority having jurisdiction. Participants must be United States Citizens.

Primary Core Capability:
Community Resilience

Secondary Core Capability(s):
Community Resilience, Intelligence and Information Sharing, Logistics and Supply Chain Management, Long-term Vulnerability Reduction, Operational Communications, Operational Coordination, Public Information and Warning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Situational Assessment, Threats and Hazard Identification
Mission Areas: Mitigation


Training Certificates:
Training Partner Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtr.lsu.edu
Course Description:
The Executive Leaders Program offers a graduate-level educational forum for the nation’s senior government and private-sector leaders. The four one-week sessions provide a challenging educational environment to enhance executives’ capacity to identify and resolve homeland security problems as well as an opportunity to build professional networks among high-level public and private-sector security officials. The program is designed to accommodate the busy schedules of participating executives and does not require the workload of traditional graduate-level education programs. Seminars are conducted on such topics as intelligence, critical infrastructure, border/immigration, understanding threats, strategic and crisis communications, adaptation and complexity as well as emerging homeland security issues. All topics are discussed on a strategic, policy and organizational design level with particular attention to intergovernmental planning challenges, enabling participants to strengthen working relationships across regions, agencies, and local, state, tribal, territorial and federal jurisdictional and private-sector lines.

Course Objectives:
At the end of this course, participants will be able to:
To provide an educational forum to enhance senior leaders' capacity to identify and resolve homeland security problems as well as an opportunity to build networks among the nation's local, tribal, state, federal government and private sector homeland security officials., To strengthen the national security of the United States by providing a non-degree graduate level educational program that meets the immediate and long-term needs of leaders responsible for homeland defense and security., To assist local, state, tribal, federal government and private sector executives in building capacity to defeat terrorism.

Other Prerequisites:
Registration Contact: https://www.chds.us/

Primary Core Capability:
Planning

Mission Areas: Common


Training Certificates:
Naval Postgraduate School Certificate of Completion

Course POC:
Program Support
POC Work Phone: 831-656-3829
POC Work Email: chdsmaap@nps.edu
Executive Education Seminars hosted by Mobile Education Team (MET)

Training Provider: Naval Postgraduate School
Course Level: Management
Delivery Type: Residential
Duration (in Hours): 5.0
Duration (in Days): 1.0

Course Description:
The Executive Education Seminar program conducted by the Mobile Education Team (MET) is an intensive half-day seminar on Homeland Security designed to help strengthen U.S. capability to prevent, deter, and respond to domestic terrorist attacks, and to build the intergovernmental, interagency, and civil-military cooperation that Homeland Security requires. The seminars are conducted by Mobile Education Teams (MET) comprised of nationally recognized experts in various areas related to Homeland Security. The Executive Education Seminar focuses exclusively on enhancing the capacity of top government officials to successfully address new Homeland Security challenges. For states, the target audience is the Governor and his/her Homeland Security team, which is expected to consist of the Governor’s senior staff and the heads of each department and agency that has a role in Homeland Security. The Executive Education Seminar is also available for major urban area senior Homeland Security leaders.

Course Objectives:
At the end of this course, participants will be able to:
The Executive Education Seminar concentrates on the problems that Homeland Security poses for state and local level strategic planning, policy development, and organizational design. Topics are discussed in an interactive roundtable format and include:
1) Federal/State/Local Responsibilities and Coordination
2) Prevention
3) Intelligence Collection, Assessment, and Dissemination and Information Sharing
4) Critical Infrastructure Protection
5) Public Communications and Fear Management
6)Response Operations

Other Prerequisites:
Note: This program is INVITATION-ONLY.

Primary Core Capability:
Planning

Mission Areas: Prevent


Training Certificates:
Naval Postgraduate School Certificate of Completion

Course POC:
Program Support
POC Work Phone: 831-656-3829
POC Work Email: chdsmaap@nps.edu
Course Description:
The Naval Postgraduate School Center for Homeland Defense and Security (CHDS), in partnership with other entities in the Pacific region, has developed the Pacific Executive Leaders Program (Pacific ELP), a graduate level education curriculum, to address specific challenges facing officials in these unique areas. This course is designed for mid- and senior-level homeland security professionals as an opportunity to develop the strategies, policies and organizational elements they need to better understand and address emerging regional security issues, public policy debates, terrorist threats and best practices in homeland security including: geographic isolation from the continental U.S. and each other; predisposition to various types of natural disasters; port security and safety concerns; and proximity to mainland Asia and their geopolitical influences.

Course Objectives:
At the end of this course, participants will be able to:
1) Strengthen national security by providing a non-degree, graduate-level educational program to meet the needs of leaders responsible for homeland defense and security in the Pacific region
2) Provide an educational forum to enhance senior leaders’ capacity to identify and resolve homeland security problems
3) Create nationwide homeland security networks and build relationships between senior leaders across disciplines, agencies and levels of government

Other Prerequisites:
Registration Contact: https://www.chds.us/

Primary Core Capability:
Planning

Mission Areas: Common


Training Certificates:
Naval Postgraduate School Certificate of Completion

Course POC:
Program Support
POC Work Phone: 831-656-3829
POC Work Email: chdsmaatp@nps.edu
Radiological Emergency Preparedness (REP) Executive Education Program

Training Provider: Naval Postgraduate School  
Course Level: Management  
Delivery Type: Residential  
Duration (in Hours): 64.0  
Duration (in Days): 8.0

Course Description:
Government agency, national association and private sector leaders are at the forefront of our nation’s emergency preparedness mission. In a rapidly changing environment, these leaders need continuous education and professional development to cultivate a more thorough understanding of emerging issues and public policy debates, and the underlying causes of the hazards and threats we face. Recognizing this, the Center for Homeland Defense and Security (CHDS), in conjunction with the FEMA Technological Hazards Division, developed the Radiological Emergency Preparedness Executive Education Program to provide government and industry leaders with the tools and resources they need to think and act strategically in this area. The program allows local, state and federal partners to explore the complex and unique challenges associated with preparing for, responding to, and recovering from a commercial nuclear power plant major incident.

Course Objectives:
At the end of this course, participants will be able to:
Participants will learn how to think and act strategically in the following areas: Strategic and crisis communications, Changes in the REP program environment and evolving threats, Demonstrating true preparedness

Other Prerequisites:
Note: This program is INVITATION-ONLY. Program is broken down into 2 modules over the course of two separate weeks.

Primary Core Capability:
Planning

Mission Areas: Common


Training Certificates:
Naval Postgraduate School Certificate of Completion

Course POC:
Program Support  
POC Work Phone: 831-656-3829  
POC Work Email: chdsmaap@nps.edu
Isolation and Quarantine for Rural Communities

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Mobile/Non-Resident
Course Level: Management
Duration (in Hours): 4.5
Duration (in Days): 1.0

Course Description:
Isolation and Quarantine for Rural Communities stands as the prerequisite core curriculum for a series of subsequent, sector-specific courses, including public safety, public health, and the private sector. This 4.5 hour, instructor-led course delivers the general knowledge necessary to begin planning for situations requiring the isolation and/or quarantine (I&Q) of a large portion of a local, rural population. The course explores I&Q in a modern context, discusses legal and ethical issues associated with I&Q, and presents preparedness, planning, response, and support considerations. In addition, Isolation and Quarantine for Rural Communities discusses communication strategies as well as I&Q resources. Intended for a blended audience consisting of representatives from public health, public safety, the private sector, and elected offices, this course also provides an opportunity for cross-sector communication and learning. This delivery method, in turn, can kick-start the planning process.

Course Objectives:
At the end of this course, participants will be able to:
- Differentiation between the terms isolation and quarantine,
- The lessons of I&Q case studies and research,
- I&Q trigger situations,
- The Federal Government’s list of quarantine diseases and corresponding signs and symptoms,
- Levels of I&Q and when each should be implemented,
- The necessity and effectiveness of non-pharmaceutical interventions,
- Legal and ethical issues associated with I&Q,
- Statutory authorities (and limits of authority) for issuance of I&Q orders,
- Enforcement restrictions surrounding I&Q,
- Local, state or federal jurisdiction and control,
- Agencies involved in I&Q coordination and disease control and their respective roles and responsibilities,
- ICS structure as it applies to I&Q,
- Successful I&Q planning and response strategies,
- Types of information that must be communicated within and between cooperating agencies/sectors, the media, and the public,
- Available communication channels for I&Q response,
- Communication strategies to be implemented before, during, and after I&Q,
- Resources needed for I&Q response,
- The logistics of enacting I&Q

Other Prerequisites:
Participant must be a U.S. Citizen IS 100b National Incident Management System IS 100.HCb National Incident Management for Healthcare/Hospitals IS-520 Introduction to Continuity of Operations Planning for Pandemic Influenzas IS 700 National Incident Management System: An Introduction Equivalent FEMA courses that provide basic understanding of the NIMS structure and ICS

Primary Core Capability:
Public Health, Healthcare, and Emergency Medical Services

Mission Areas: Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Public Health

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
Isolation and Quarantine for Rural Communities

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Online/Distance Learning
Course Level: Management
Duration (in Hours): 2.5
Duration (in Days): 0.0

Course Description:
Isolation and Quarantine for Rural Communities is designed to provide individuals with the general knowledge necessary to begin planning for situations requiring the isolation and/or quarantine (I&Q) of a large portion of local, rural populations. This self-paced, web-based course will educate learners on I&Q in a modern context, discuss legal and ethical issues associated with I&Q, and present preparedness, planning, response, and support considerations. In addition, Isolation and Quarantine for Rural Communities will address communication strategies as well as I&Q resources.

Course Objectives:
At the end of this course, participants will be able to:
- Define isolation and quarantine and distinguish between isolation and quarantine intervention measures,
- Recognize the qualitative aspects that support non-pharmaceutical intervention measures for I&Q,
- Identify diseases that have been classified as quarantinable or not quarantinable,
- Identify isolation and quarantine triggers,
- Identify rural challenges related to implementing isolation and quarantine response,
- Review a case study on isolation and quarantine,
- Examine the legal preparedness in isolation and quarantine response,
- Identify the requirements for ensuring due process of law,
- Identify ethical obligations of public health officials when considering isolation and quarantine,
- Describe FEMA’s whole community approach to rural isolation and quarantine planning,
- Identify I&Q roles as belonging to public health, public safety, or the private sector as well as communication strategies used by all,
- Distinguish between available state and federal assistance during an I&Q incident

Other Prerequisites:
U.S. citizen
IS 100-b: Introduction to Incident Command – Highly Recommend
IS-100.HCB: Introduction to the Incident Command System (ICS 100) for Healthcare/Hospitals – Highly Recommend
IS-520: Introduction to Continuity of Operations Planning for Pandemic Influenzas – Highly Recommend
IS 700.a: National Incident Management System (NIMS) An Introduction – Highly Recommend

Primary Core Capability:
Planning

Mission Areas: Protect

Discipline(s): Citizen/Community Volunteer, Emergency Management, Governmental Administrative, Health Care, Law Enforcement, Public Health

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

POC Information: Registration Desk helpdesk@ruraltraining.org 877-855-7372
Pediatric Disaster Response and Emergency Preparedness

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:
General: 16

Course Description:
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 hand-on technical course, but instead a management resource course for stakeholders like pediatric physicians, emergency managers, emergency planners and members of public emergency departments like EMS, Fire, Police, Public Health and Hospitals in field of disaster response and preparedness work.

Course Objectives:
At the end of this course, participants will be able to:
Recognize the issues likely to arise within the pediatric population during disaster events.,
Describe relevant Emergency Management (EM) considerations when planning for the care and management of the pediatric population following a disaster event., Describe considerations in a disaster event that are unique to the pediatric population, as well as the impact of those considerations on planning and response efforts., Describe and discuss effective planning and preparation in addressing the requirements of the functional access needs pediatric population in a disaster event., Describe relevant mass sheltering considerations when planning for the care and management of the pediatric population following a disaster event., Apply pediatric-based triage systems, recognize the limitations of each system, and recognize that disaster events may produce situations of scarce resources., Describe aspects of reunification planning that may be applied in a disaster event, with emphasis on successfully reuniting the pediatric population with their families., Describe considerations for the decontamination process that take into account the needs of the pediatric population., Apply the information obtained in this course by assessing information provided in a table-top exercise.

Other Prerequisites:
Familiarity with the National Incident Management System (NIMS) and the Incident Command System (ICS) via completion of Federal Emergency Management Agency (FEMA) Independent Study (IS) courses IS-100.b - Introduction to Incident Command System, ICS-100, IS-200.b - ICS for Single Resources and Initial Action Incidents, and IS-700.a NIMS An Introduction (or their equivalents) is recommended

Primary Core Capability:
Mass Care Services

Mission Areas: Common

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
NTED
Juan Guerrero
POC Work Phone: 866-878-8900
POC Work Email: juan.guerrero@teex.tamu.edu
Enhanced Sports and Special Events Incident Management

Training Provider: Texas Engineering Extension Service
Course Level: Management
Delivery Type: Mobile/Non-Resident
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
The Enhanced Sports and Special Events Incident Management course is a scenario-based practicum of three primary areas within the field of sports and special events management: a) incident management, b) crowd and evacuation management; and c) crisis information management. The course is intended to prepare emergency responders as well as event management personnel, concessionaries, athletic department personnel, and elected and chief executives who would be involved in the preparation for and response to a large-scale incident during sporting or special events. There are three rigorous, simulation-supported, scenario-based emergency response activities designed to hone both individual and team building decision-making and incident management skills in the context of sports and special events operations.

Course Objectives:
At the end of this course, participants will be able to:
- Identify and discuss the key concepts and processes needed to plan and prepare for smooth, coordinated operations at a sporting or special event, including risk awareness, effective resource management, and other considerations.
- Evaluate and manage the response to a simulated large scale, all-hazards incident that involves a sports or special event from a policy, Emergency Operations Center (EOC), and/or incident command post perspective.
- Identify and discuss key concepts and processes needed to plan and implement a response to an incident during a sporting or special event, including risk awareness, incident management, resource management, and crowd management and evacuation.
- Evaluate how critical areas of managing an all-hazard, high consequence incident response in a sports or special event context are applied in practice.

Primary Core Capability:
Operational Coordination

Mission Areas: Respond

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Chris Gable
POC Work Phone: 979-458-5620
POC Work Email: chris.gable@teex.tamu.edu
Course Description:
Managing Food Emergencies: Strategies for a Community Response is a management-level course that teaches participants how to manage food emergencies using the emergency operations center (EOC), Incident Command System (ICS) principles, and best management practices.
Participants will manage a fictional food emergency using the guidelines and strategies of the Incident and Unified Command systems. The scenario will advance with every module, beginning with Module 2, from the point that a foodborne outbreak is detected. The scenario will progress throughout the modules from surveillance and into the transition to recovery. In Module 7, participants will engage in an after-action discussion to assess their current preparedness for a food emergency and the value of using ICS principles and practices, and adding Emergency Management as a food emergency response partner.

Course Objectives:
At the end of this course, participants will be able to:
- Describe how using the NIMS, the ICS, EOCs, and a whole-community approach can improve food emergency responses.
- Examine credible surveillance systems and the triggers they produce to enhance their preparedness for and response to food emergencies.
- Develop appropriate response action plans to mitigate the effects of a food emergency.
- Develop communication and coordination strategies to minimize the effects of a food emergency.
- Manage the transition of resources from a food emergency response environment to strategies and activities essential for recovery from a food emergency.
- Evaluate the effectiveness of a food emergency response by determining strengths and weaknesses and by defining tangible steps to take to improve future food emergency responses.

Other Prerequisites:
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID). Participants should also complete the following ICS training:
- ICS-100.B: Introduction to Incident Command System and ICS-100 and ICS-700 required.
- ICS 200 and ICS 800 are recommended

Primary Core Capability:
Community Resilience

Mission Areas:
Mitigation

Discipline(s):

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtrt.lsu.edu

Course Details Link:  http://www.ncbtrt.lsu.edu
Course Description:
This 8-hour course will provide the background information needed to lead a multi-agency team of emergency planners in the development of an ESF annex for food and/or animal related disasters to supplement their community’s existing EOP. The course will address topics such as agroterrorism; detection and diagnosis; the unique challenges that rural communities face in planning for and responding to food and/or animal related disasters; utilization of Emergency Support Functions (ESF); recovery and the importance of sustainable operations during a disaster event; and mapping a community to identify areas of vulnerability and resources. All content will be presented through instructor led delivery with hands-on, problem-solving activities completed in small groups during the class.

Course Objectives:
At the end of this course, participants will be able to:
- Identify planning and preparedness aspects of emergency management applicable to AAF related disasters.
- Explain why emergency managers need to understand the unique considerations for AAF related disasters when planning.
- Recognize unique considerations of planning for AAF related incidents that require federal response.

Primary Core Capability:
Risk and Disaster Resilience Assessment

Mission Areas: Prevent

Discipline(s): Agriculture, Animal Emergency Services, Emergency Management, Governmental Administrative, Law Enforcement, Other, Public Health

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Community Based Planning for All-Hazards Threats in Tribal Communities

Training Provider: Rural Domestic Preparedness Consortium
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 12.0
Duration (in Days): 2.0

Course Description:
This course provides Tribal community participants with the knowledge, skills and abilities necessary to effectively detect, respond to, manage and mitigate all-hazard threats using a whole community approach. The course addresses the distinctive challenges that Tribal nations face in effectively detecting, responding to, managing and mitigating all-hazard threats that include disease outbreaks and the occurrence of environmental health threats. The course includes a practical exercise that will support participants in identification of the following: 1) all-hazards threats in tribal communities; 2) community resources for all-hazards emergency planning in tribal communities; and 3) response and recovery considerations that should be included in tribal all-hazards emergency plans. The intended audience is Tribal community representatives and other officials from emergency management, public health, law enforcement, fire-fighting, cooperative extension, medical services, environmental health, veterinarians, and other animal health professionals.

Course Objectives:
At the end of this course, participants will be able to:
- Describe a whole community response to all-hazards threats and identify threats including disease outbreaks and environmental hazards that impact emergency planning in Tribal communities,
- Identify how local, state, federal and Tribal resources can be utilized in developing all-hazards response plans in Tribal communities,
- Conduct and apply risk assessments when developing Tribal all-hazards emergency response plans,
- Apply community-based response and recovery strategies relevant to Tribal communities; and
- Utilize a whole community approach to developing Tribal all-hazards threats emergency plans.

Practical Exercise,
- Present an environmental threat for the community in the form of a video scenario.
- Divide participants into groups and have them identify and assess the risks in the scenario that present a threat to their community.
- Each group will determine what resources their community will need to manage response to each of the hazards (e.g. proper PPE, responder safety plans, etc.).
- From the list of resources needed, the groups will identify those resources that already exist within their community.
- For those resources that don’t already exist within their community, they will brainstorm where and how they can reach out to/collaborate with others to manage the response.
- They will identify key issues to address in their community emergency plan.
- They will then develop an action plan to implement any desired next steps.

Primary Core Capability:
Environmental Response/Health and Safety

Mission Areas: Common


Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Registration Desk
NTED
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org
Course Details Link: www.ruraltraining.org
Physical and Cybersecurity for Critical Infrastructure

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident

Course Level: Management
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: .8

Course Description:
The national and economic security of the United States depends on the reliable functioning of critical infrastructure. This course provides participants from throughout the various levels of government, private industry, and community an understanding of the interdependency between physical and cybersecurity disciplines and opportunities to collaboratively formulate enterprise risk management strategies to enhance infrastructure security and resilience efforts.

Course Objectives:
At the end of this course, participants will be able to:
Identify physical and cybersecurity concerns impacting overall infrastructure security posture;
Classify integrated physical and cybersecurity incidents and the evolving risks and impacts they pose to critical infrastructure;
Apply key concepts and resources to improve security within an organization or business

Primary Core Capability:
Community Resilience

Secondary Core Capability(s): Cybersecurity, Infrastructure Systems, Physical Protective Measures, Planning, Threats and Hazard Identification

Mission Areas: Protect, Respond, Mitigation


Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
NERRTC
POC Work Phone: 844-789-5673
POC Work Email: nerrtc@teex.tamu.edu

Course Details Link: https://teex.org/Pages/Program.aspx?catID=459&courseTitle
Integration of Cybersecurity Personnel into the Emergency Operations Center for Cyber Incidents

Training Provider: Norwich University Applied Research Institute

Delivery Type: Mobile/Non-Resident

Course Level: Management

Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
The 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 that traditional emergency management personnel and cybersecurity personnel recognize the importance of working together to mitigate the effects of a cyber incident.

This course utilizes the Emergency Management Exercise System (EM*ES) incident simulation software which provides many features that resemble or imitate actual incident management systems. Delivered with Texas A&M Engineering Extension Service / National Emergency Response and Rescue Training Center (TEEX/NERRTC)

Course Objectives:
At the end of this course, participants will be able to:
- Explain aspects of cyber incidents,
- Examine the management structure of the Emergency Operations Center (EOC),
- Examine cyber incident management activity,
- Interpret the EOC management processes,
- Manage the coordinated response efforts for simulated cyber incidents within an activated EOC

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Community Resilience, Intelligence and Information Sharing, Operational Communications, Operational Coordination, Public Information and Warning, Situational Assessment

Mission Areas: Respond, Common, Mitigation

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Other, Public Safety Communications, Public Works, Security and Safety

Training Certificates:
Norwich University Applied Research Institute Certificate of Completion

Course POC:
Mike Gibler
POC Work Phone: 979-458-5616
POC Work Email: mike.gibler@teex.tamu.edu
Course Description:
A key role in the Incident Command System (ICS), a component of NIMS organizational structure, is the Incident Commander (IC). It is important for the IC to have effective leadership skills and to establish clear, concise objectives for the other functions while under pressure. The chaos of the incident can increase stress; therefore, this course will equip leaders for crisis decision making during various hazmat incidents, with a special emphasis on events involving fertilizer grade ammonium nitrate (FGAN) and high hazard flammability trains (HHFT). Elements of the course include using pre-incident action plans, unified command and interoperability with industry, information sharing, and training.

Course Objectives:
At the end of this course, participants will be able to:
- Structure a response effort in a way that promotes collaboration and information sharing among all stakeholders which will lead to effective and timely decisions that enhance the response and recovery effort.
- Utilize various plans to enhance their ability to make sound decisions.
- Understand the public sector’s partnership with private sector entities organized according to their own incident command structure.
- Understand how to interface and share resources with private facilities.
- Inform decision makers about on-scene hazards and threats to responders and the public.
- Design a pathway for transitioning quickly from response to recovery operations.

Making good leadership decisions will minimize the adverse impact of these types of incidents on the environment, responders and community.

Other Prerequisites:
None. However, ICS 100, 200 and 700-800 are strongly recommended

Primary Core Capability:
Planning

Secondary Core Capability(s): Environmental Response/Health and Safety, Operational Communications, Operational Coordination, Situational Assessment

Mission Areas: Common


Training Certificates:
Georgia Tech Research Institute Certificate of Completion

Course POC:
William R. Doyle
POC Work Phone: 404-407-7621
POC Work Email: ray.doyle@gtri.gatech.edu

Course Schedule:
https://gtfemacourses.gatech.edu
Building Whole Community Engagement through Local Emergency Planning Committees

**Training Provider:** Georgia Tech Research Institute
**Delivery Type:** Mobile/Non-Resident
**Course Level:** Management
**Duration (in Hours):** 8.0
**Duration (in Days):** 1.0

**Course Description:**
Effective whole community planning requires a collaborative and engaging team of stakeholders representing local residents, non-profit, government, private sector, and emergency management officials. In accordance with the Emergency Planning Community Right-to-Know Act (EPCRA), Local Emergency Planning Committees (LEPC) and Tribal Emergency Planning Committees (TEPC) act in this role to strengthen the community’s ability to prepare for hazardous material incidents. This course has a special focus on incidents involving fertilizer grade ammonium nitrate (FGAN) and those events involving high hazard flammability trains (HHFT). This course will equip LEPC/TEPCs with the knowledge, tools and best practices needed to establish an engaging and productive team among the whole community of stakeholders.

**Course Objectives:**
At the end of this course, participants will be able to:
Effectively plan for events involving FGAN, HHFT and other hazardous materials using the whole of community approach. Through this community planning the risk of these events actually happening will be reduced. Facilitate collaboration and strengthen the whole community engagement by using tools, resources and direction on planning processes provided in the course. Develop executable strategic, operational, and/or tactical-level approaches to prepare for hazardous material incidents across the five Mission Areas. Maintain a unified and coordinated structure and process that integrates all community stakeholders, addressing the key relationships between private and public safety officials. Design an emergency planning process among the affected communities and stakeholders in preparation for response to an incident. Recognize, understand, communicate about, and plan for hazardous material risks in the community and systematically align resources and preparedness activities to quickly recover from an incident.

**Other Prerequisites:**
None. However, ICS 100, 200 and 700-800 are strongly recommended

**Primary Core Capability:**
Planning

**Secondary Core Capability(s):** Community Resilience, Operational Communications, Operational Coordination, Situational Assessment

**Mission Areas:** Common


**Training Certificates:**
Georgia Tech Research Institute Certificate of Completion

**Course POC:**
William R. Doyle
POC Work Phone: 404-407-7621
POC Work Email: ray.doyle@gtri.gatech.edu
POC Information: William R. Doyle, ray.doyle@gtri.gatech.edu, 404-407-7621, Registration Contact: https://gtfemacourses.gatech.edu
Coalition Building for Countering Violent Extremism and Community Resilience

Training Provider: University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism

Delivery Type: Mobile/Non-Resident

Course Level: Management

Duration (in Hours): 16.0
Duration (in Days): 2.0

Course Description:
Coalition-Building for CVE and Community Resilience” is a two-day, in-person course which offers an opportunity for learners to develop a community-led plan for building a program or initiative to address violent extremism and promote community resilience. This course provides instruction on how diverse community stakeholders may develop partnerships and multidisciplinary coalitions to collaboratively address the multidimensional needs of individuals and communities contending with violent extremism. This course is comprised of four modules based on multiple completed and ongoing START research projects conducted over the past ten years.

Course Objectives:
At the end of this course, participants will be able to:
- Describe and explain the relationship between Countering Violent Extremism (CVE) and community resilience,
- Explain the importance of a whole community approach to addressing the threat of violent extremism and describe the requirements, resources and engagement strategies pertinent to building a community coalition for CVE,
- Design a logic model for a community-led CVE initiative

Other Prerequisites:
- Learners attending this course are strongly encouraged to have completed Community Action for Resilience to Violent Extremism, a 4-hour, online self-paced course (AWR-355-W).

Primary Core Capability:
Community Resilience

Secondary Core Capability(s): Long-term Vulnerability Reduction

Mission Areas: Mitigation

Discipline(s): Citizen/Community Volunteer, Education, Law Enforcement, Other, Public Health, Security and Safety

Training Certificates:
University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism Certificate of Completion

Course POC:
Liberty Day
POC Work Phone: 301-314-1874
POC Work Email: lday2@umd.edu

POC Information: Name: Liberty Day, E-mail Address: lday2@umd.edu, Telephone Number: 301-314-1874, Registration Contact: training@start.umd.edu or lday2@umd.edu
Course Description:
This management-level instructor-led course will provide lectures, knowledge checks, and course module tools/activities on pre-disaster debris management planning. The focus of the course is to identify debris management plan components and best planning practices using existing plan examples and case studies and to draft an outline of a debris management plan. This course will empower participants to create pre-disaster debris management plans for their own communities.

Course Objectives:
At the end of this course, participants will be able to:
- Explain the basic concepts of debris management operations and the benefits of debris management planning,
- Outline the key components of a debris management plan,
- Apply strategies for special considerations encountered during debris management operations to plan outlines

Primary Core Capability:
Planning

Secondary Core Capability(s): Environmental Response/Health and Safety, Infrastructure Systems, Risk Management for Protection Programs and Activities

Mission Areas: Mitigation


Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Russell Uyeno
POC Work Phone: 808-956-3176
POC Work Email: ruyeno@hawaii.edu
POC Information: Name: Russell Uyeno E-mail Address: ruyeno@hawaii.edu Telephone Number: (808) 956-3176
Registration Contact: http://ndptc.hawaii.edu/training
**Evacuation Planning Strategies and Solutions**

**Training Provider:** University of Hawaii, National Disaster Preparedness Training Center  
**Course Level:** Management  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
IACET: .6

**Course Description:**  
This eight-hour management-level course is designed to provide emergency managers, first responders, transportation professionals, security and safety professionals, and government administrators with the ability to utilize current tools and technologies to institute best practices and strategies to plan for and execute an emergency evacuation. This course discusses the hazard conditions for which an emergency evacuation could be an appropriate protective action and inform participants on resources and methods to help them better prepare for an emergency evacuation. This course will allow participants to explore data, modelling tools, and simulations that assist with the implementation of an emergency evacuation.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Recognize evacuation needs during disasters and threat characteristics of different disasters;  
- Describe key concepts and assess the need for evacuation in their community;  
- Describe the evacuation planning process and transportation considerations in evacuation planning; and,  
- Evaluate the evacuation decision making process, apply evacuation planning strategies, best practices, and lessons learned by examples of recent evacuation plans.

**Primary Core Capability:**  
Planning

**Secondary Core Capability(s):** Critical Transportation, Operational Coordination, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

**Mission Areas:** Prevent, Respond, Mitigation

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Public Works, Transportation

**Training Certificates:**  
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**  
Russell Uyeno  
POC Work Phone: 808-956-3176  
POC Work Email: ruyeno@hawaii.edu

**Course Details Link:** [https://ndptc.hawaii.edu/training](https://ndptc.hawaii.edu/training)
Community Planning for Economic Recovery

Training Provider: National Center for Disaster Preparedness, Columbia University

Course Level: Management

Delivery Type: Mobile/Non-Resident, Residential, Conference Or Symposium

Duration (in Hours): 7.0
Duration (in Days): 1.0

Course Description:
This Planning and Management Level instructor-led course consists of planning tools and resources for the community to conduct cross-sector planning for disaster recovery. The curriculum will include: tools to develop stronger partnerships between public and private sectors, evaluate community hazard assessments through the lens of economic recovery, and checklist based resources for public and private sector partners to use in a post-disaster.

Course Objectives:
At the end of this course, participants will be able to:
Calculate estimated financial losses from major disasters and identify factors that influence a community’s economic recovery, Identify all steps of a hazard analysis pertaining to disaster economic recovery, Formulate ways to collaborate with potential community partners for coordinating economic recovery, Appraise cost recovery options (such as insurance and federal programs) that may be utilized to support organizational recovery from a disaster, Revise customizable planning tools appropriate for the participants’ work context, Synthesize customizable planning tools for use within the participants’ context, Prepare an economic impact analysis as part of a post disaster economic recovery case study, Develop ways to integrate whole community continuity of operations planning through different management techniques.

Other Prerequisites:
It is recommended, but not required, that course participants have previous experience in financial management and disaster recovery

Primary Core Capability:
Economic Recovery

Secondary Core Capability(s): Community Resilience, Critical Transportation, Economic Recovery, Housing, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Supply Chain Integrity and Security, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Recover, Mitigation


Training Certificates:
National Center for Disaster Preparedness, Columbia University Certificate of Completion

Course POC:
Thomas Chandler
POC Work Phone: 646-845-2313
POC Work Email: tec11@columbia.edu

Course Details Link: https://ncdp.columbia.edu
Designing Effective Community Responses to Radicalization to Violence (DECRRV) is a six-week online instructor-led training that provides an interactive, hands-on opportunity to apply design thinking methodologies to develop community-based Countering Violent Extremism efforts. DECRRV is rigorously-researched and academically-informed instruction combining independent self-paced lessons with performance-based tasks graded by a course instructor. DECRRV is intended for law enforcement officers engaged in CVE efforts such as Community Liaison Officers or School Resource Officers; participants from non-governmental organizations who are engaged in CVE at the community level; and, representatives from educational, government and business organizations who have a designated role or responsibility for CVE.

Course Objectives:
At the end of this course, participants will be able to:
Learners will:
- Review facts about violent extremism, explore CVE as a community-led response to violent extremism, and examine how a whole community approach to violent extremism can promote community resilience,
- Learn about design thinking, a problem-solving method that draws on local expertise to find local solutions,
- Consider how design thinking can be used to develop a community-based program to counter violent extremism,
- Develop a deeper understanding of the design thinking process including associate techniques for each of the five phases,
- Apply design thinking methodologies to develop a community-led CVE program for a fictional community

Other Prerequisites:
Participants are encouraged to complete the Community-led Action in Response to Violent Extremism online course.

Primary Core Capability:
Community Resilience

Secondary Core Capability(s): Threats and Hazard Identification

Mission Areas: Mitigation

Discipline(s): Citizen/Community Volunteer, Education, Emergency Management, Governmental Administrative, Law Enforcement, Other, Public Health, Security and Safety

Training Certificates:
University of Maryland National Consortium for the Study of Terrorism and Responses to Terrorism Certificate of Completion

Course POC:
START Training Team
POC Work Phone: 301-405-6600
POC Work Email: training@start.umd.edu

Course Details Link: [http://umd-start.catalog.instructure.com/courses/decrrv](http://umd-start.catalog.instructure.com/courses/decrrv)
Performance Courses

Field Force Operations

Training Provider: Center for Domestic Preparedness
Delivery Type: Mobile/Non-Resident, Residential
Course Level: Performance
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
The three-day Field Force Operations course provides state and local law enforcement personnel with the knowledge and skills necessary to manage and control crowds and demonstrations. Responders learn critical-thinking and intuitive decision-making skills that support safe and responsive action in regaining order. Responders receive instruction in protest types and actions, legal considerations, responsibilities of mobile field force teams, and crowd-control methods. The course culminates in a series of hands-on activities that allow responders to practice all of the learned skills (baton-holding positions, mass-arrest procedures, and riot-control formations) in a realistic context.

Course Objectives:
At the end of this course, participants will be able to:
Identify considerations of a protest situation., Use equipment to control crowds., Execute positions in crowd-control squad formations., Position yourself within a mass-arrest team to apprehend, search, and detain a subject.

Other Prerequisites:
To be eligible to attend the course, a student must:
- Have successfully completed AWR-160, Standardized Awareness Training;
- Have successfully completed IS-100.b, Introduction to the Incident Command System or any of the other ICS-100 series courses;
- IS-700.a, National Incident Management System (NIMS), An Introduction; and
- Have the ability to lift 185 pounds with assistance; be physically capable of standing for long periods; be able to kneel on one knee; be able to shout commands; be able to walk and march for long periods; be able to run 20 yards intermittently; be able to don, properly seal, and doff an air-purifying respirator; and be able to employ a baton in the performance of mass arrest carries.

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s): Infrastructure Systems, Interdiction and Disruption, Operational Communications, Physical Protective Measures, Public Information and Warning, Screening, Search, and Detection, Situational Assessment

Mission Areas: Prevent, Protect, Respond

Discipline(s): Law Enforcement

Training Certificates:
Center for Domestic Preparedness Certificate of Completion

Course POC:
Mike Aguilar
POC Work Phone: 256-231-0106
POC Work Email: Michael.Aguilar@fema.dhs.gov
Evidence Collection in a Hazardous Materials Environment

Training Provider: Center for Domestic Preparedness
Delivery Type: Mobile/Non-Resident, Residential
Course Level: Performance
Duration (in Hours): 32.0
Duration (in Days): 4.0

Course Description:
Through the four-day Hazardous Materials Evidence Collection for CBRNE Incidents (HEC) course, responders receive instruction in hazardous evidence preservation and sampling, field screening, evaluating physical evidence, responsibilities of evidence collection teams, and methods for evidence documentation and packaging. Students perform advanced, practical tasks in the Nation’s only toxic chemical-agent training facility, the Chemical, Ordnance, Biological and Radiological (COBRA) Training Facility.

Course Objectives:
At the end of this course, participants will be able to:

Other Prerequisites:
To be eligible to attend the course, a student must:
- Have a responsibility or requirement to collect evidence in a hazardous materials environment;
- Have been trained in the use of personal protective equipment (PPE) in a chemical, biological, radiological, nuclear, or explosive (CBRNE) environment; and
- The student must successfully complete:
  - AWR-160, Standardized Awareness Training;
  - IS-100.b Introduction to the Incident Command System or any of the ICS-100 series

Primary Core Capability:
Forensics and Attribution

Secondary Core Capability(s): Environmental Response/Health and Safety, Intelligence and Information Sharing, Interdiction and Disruption, On-scene Security, Protection, and Law Enforcement, Screening, Search, and Detection

Mission Areas: Prevent, Protect, Respond

Discipline(s): Fire Service, Hazardous Material, Law Enforcement

Training Certificates:
Center for Domestic Preparedness Certificate of Completion

Course POC:
Michael Aguilar
POC Work Phone: 256-231-0106
POC Work Email: michael.aguilar@fema.dhs.gov
Field Force Extrication Tactics

Training Provider: Center for Domestic Preparedness
Delivery Type: Mobile/Non-Resident, Residential
Course Level: Performance
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
Field Force Extrication Tactics (FFE) is a three-day course which provides students the knowledge and skills to operate the tools necessary to extricate individuals safely from protester devices, while reducing liability and ensuring due process. Responders receive instruction in protest situations, legal considerations, responsibilities of extrication teams, and extrication techniques required to defeat protester devices. The course culminates in a series of hands-on activities that allow responders to practice the learned skills (operating extrication tools, defeating protester devices, and communicating with other students while operating power tools) in a realistic context.

Course Objectives:
At the end of this course, participants will be able to:
- Identify considerations of a protest situation in accordance with analysis of current legal precedence and crowd control best practices.
- Plan a response to a protester device situation in accordance with tactical objectives.
- Defeat protester devices.
- Operate the hand tools in accordance with the manufacturer’s specifications.

Other Prerequisites:
To be eligible for the course, the student must successfully complete the following:
- AWR160, Standardized Awareness Training
- IS-100.b, Introduction to the Incident Command System or any of the available ICS-100 series
- IS-700.a, National Incident Management System (NIMS), An Introduction
Students must also be in good physical shape and be capable of lifting 60 pounds while bending at the knees and waist, and be capable of operating the following power tools while bending downward and forward at the waist:
- Extrication saw
- Angle grinder
- Reciprocating saw
- Jackhammer
- Rotary hammer
- Rebar cutter
- Rotary tool

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s):
Interdiction and Disruption, Operational Coordination, Physical Protective Measures, Public Information and Warning, Screening, Search, and Detection, Situational Assessment

Mission Areas:
Prevent, Protect, Respond

Discipline(s):
Emergency Medical Services, Fire Service, Hazardous Material, Law Enforcement, Public Works

Training Certificates:
Center for Domestic Preparedness Certificate of Completion

Course POC:
Michael Aguilar
POC Work Phone: 256-231-0106
POC Work Email: michael.aguilar@fema.dhs.gov
Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events

Training Provider: Texas Engineering Extension Service
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 16.0
Duration (in Days): 2.0

Continuing Education Units:
General: 1.6

Course Description:
Participants completing this program will be able to properly perform patient triage, decontamination, treatment, and transportation in the event of exposure to chemical, biological, radiological, nuclear, and explosive (CBRNE) weapons. The course consists of 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.

Course Objectives:
At the end of this course, participants will be able to:
Utilize available resources to protect themselves during a Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) response., Describe the effects of chemical agents, and identify and treat the signs and symptoms of chemical agent exposure in both adult and pediatric patients in accordance with local protocol., Describe the effects of radiation, identify and treat the signs and symptoms of exposure in both adult and pediatric patients in accordance with local protocol, and recognize the radiological devices through which radiation can be dispersed., Describe the effects of biological agents, and identify and treat the signs and symptoms of biological agent exposure in both adult and pediatric patients in accordance with local protocol., Describe the effects resulting from an explosion and treat anticipated injuries in both adult and pediatric patients., Recognize the importance of an integrated whole-community approach to prevention, preparedness, response, recovery, and mitigation in the context of a Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) incident.

Other Prerequisites:
The following online courses are recommended for participants to complete prior to attending Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events: Basic EMS Concepts for CBRNE Events (AWR-111-W) and WMD/ Terrorism Awareness for Emergency Responders (AWR-160-W). These courses are available online at http://www.teex.org/nerrtc . Click on Information Technology / Online Training to begin the registration process.

Primary Core Capability:
Environmental Response/Health and Safety

Mission Areas: Respond

Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Juan Guerrero
POC Work Phone: 979-862-1063
POC Work Email: Juan.Guerrero@teex.tamu.edu
<table>
<thead>
<tr>
<th><strong>Operational Level Response to HazMat/WMD Incidents</strong></th>
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<td><strong>Training Provider:</strong> Texas Engineering Extension Service</td>
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<tr>
<td><strong>Delivery Type:</strong> Mobile/Non-Resident</td>
<td><strong>Duration (in Hours):</strong> 24.0</td>
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<td><strong>Duration (in Days):</strong> 3.0</td>
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**Continuing Education Units:**
General: 2.4

**Course Description:**
This course focuses on the special challenges faced by emergency responders and first receivers in dealing with a Weapons of Mass Destruction (WMD) or terrorist incident. Upon completion, participants will be able to respond to a WMD/hazardous materials incident. Responders will be able to preclude the spread of the hazard to the public and the environment.

**Course Objectives:**
At the end of this course, participants will be able to:
Predict the likely behavior of hazardous materials involved in a Weapons of Mass Destruction (WMD) incident, to identify the containers and the container markings, and to determine whether hazardous materials are involved while initiating a response plan, Effectively work and communicate within an Incident Command System (ICS), Assess the incident scene and surrounding area, identify unique hazards present at a Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE)/hazardous materials incident, help determine the size and scope of an incident, and communicate this information to the appropriate parties, Plan and implement a response plan based on a survey at a Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE)/hazardous materials incident by identifying the containers and the container markings, determining whether or not hazardous materials were involved, and if so, the extent of the threat, Determine appropriate Personal Protective Equipment (PPE) for a given hazardous material, as well as don, doff, and work in PPE, Describe the need for and purpose of decontamination and perform emergency decontamination procedures, Select, implement, and assess the effectiveness of defensive strategies

**Prerequisite(s):** WMD/Terrorism Awareness for Emergency Responders (AWR-110-W), Standardized Awareness Training (AWR-160)

**Other Prerequisites:**
NFPA 472 Hazardous Materials First Responder: Awareness. (AWR-160 meets this requirement.)

**Primary Core Capability:**
Environmental Response/Health and Safety

**Mission Areas:** Respond, Common


**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
Kent Gardner
POC Work Phone: 979-458-3401
POC Work Email: Kent.Gardner@teex.tamu.edu
**Operational Level Response to HazMat/WMD Incidents, Train-the-Trainer**

**Training Provider:** Texas Engineering Extension Service  
**Delivery Type:** Mobile/Non-Resident  
**Course Level:** Performance  
**Duration (in Hours):** 24.0  
**Duration (in Days):** 3.0

**Course Description:**
This train-the-trainer course focuses on training qualified candidates to teach the Operational Level Response to HazMat/WMD Incidents Course (PER-212). Upon completion, participants will be prepared to teach responders in their jurisdiction how to respond to a Weapons of Mass Destruction (WMD/hazardous materials incident and how to preclude the spread of the hazard to the public and the environment using the PER-212 course.

**Course Objectives:**
At the end of this course, participants will be able to:
- Predict the likely behavior of hazardous materials involved in a WMD incident and to use resources to estimate the potential harm posed by the materials involved.
- Work and communicate effectively within the ICS.
- Use previously gathered information, survey the incident scene and surrounding area, identify unique hazards present at a WMD or hazardous materials (HazMat) incident, and help determine the size and scope of an incident in order to communicate this information to the Incident Commander.
- Survey a WMD or HazMat incident to identify the containers and the container markings to determine the hazardous materials involved.
- Determine appropriate PPE for a given hazardous material, as well as don, doff, and work in PPE.
- Identify defensive options, implement defensive strategies, and determine the effectiveness of those strategies.
- Describe the need for and purpose of decontamination and perform emergency decontamination procedure.
- Conduct (indirect) courses for their agency and surrounding jurisdictions.

**Prerequisite(s):** WMD/Terrorism Awareness for Emergency Responders, Web-Based (AWR-110-W), Standardized Awareness Training (AWR-160)

**Primary Core Capability:**
Environmental Response/Health and Safety

**Secondary Core Capability(ies):** Forensics and Attribution, Infrastructure Systems, Interdiction and Disruption, Logistics and Supply Chain Management, Mass Search and Rescue Operations, Operational Communications, Operational Coordination, Physical Protective Measures, Planning, Screening, Search, and Detection, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Prevent, Protect, Respond

**Discipline(s):** Emergency Medical Services, Fire Service, Law Enforcement, Public Health, Public Works, Transportation

**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
Kent Gardner  
POC Work Phone: 979-458-3401  
POC Work Email: Kent.Gardner@teex.tamu.edu
<table>
<thead>
<tr>
<th>Wide Area Search</th>
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<td><strong>Training Provider:</strong></td>
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<td><strong>Duration (in Hours):</strong></td>
<td>24.0</td>
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<tr>
<td><strong>Duration (in Days):</strong></td>
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**Continuing Education Units:**
General: 2.4

**Course Description:**
Overview: The Wide Area Search course is designed to provide training for search responders to effectively conduct wide area searches due to natural disasters or man-made incidents.
Scope: This course introduces the knowledge, skills and abilities to perform wide area searches at a disaster incident site. The course uses the 2007 Greensburg, Kansas tornado as a case study to demonstrate the various teaching points. The course concludes with a culminating event table top exercise that requires participants to utilize all the skills introduced throughout the course.

**Course Objectives:**
At the end of this course, participants will be able to:
- Plan for the response to an incident and evaluate capabilities and limitations of resources necessary to conduct a wide area search.
- Collect, process, evaluate, and utilize intelligence required to formulate strategies for wide area searches.
- Conduct operations to support an effective wide area search.
- Plan and conduct operations to support a wide area search.

**Primary Core Capability:**
Mass Search and Rescue Operations

**Secondary Core Capability(s):** Intelligence and Information Sharing, Operational Coordination, Planning

**Mission Areas:** Respond, Recover, Mitigation

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Fire Service, Law Enforcement, Search & Rescue

**Training Certificates:**
Texas Engineering Extension Service Certificate of Completion

**Course POC:**
Susann Brown
POC Work Phone: 979-458-5624
POC Work Email: Susann.brown@teex.tamu.edu

**Course Details Link:**
teex.org/Pages/Class.aspx?course=PER213&courseTitle=Wide%20Area%20Search
A Prepared Jurisdiction: Integrated Response to a CBRNE Incident

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 20.0
Duration (in Days): 2.5

Continuing Education Units:
General: 2

Course Description:
A Prepared Jurisdiction: Integrated Response to a CBRNE Incident is a two-and-a-half-day course 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. During the field training scenario, participants work together across a broad range of response disciplines for an integrated response to a CBRNE incident. This scenario presents participants with an incident that significantly challenges existing resources throughout their jurisdiction. The course also includes an after-action review to allow participants to self-assess their jurisdiction’s overall ability to work together to effectively respond to a CBRNE incident.

Course Objectives:
At the end of this course, participants will be able to:
Apply large disaster management, integration, and command structure through facilitated discussion, group discussion, a case study, and a scenario., Examine preparedness and response to CBRNE incidents and describe particular CBRNE challenges and response considerations, including responder safety., Recognize public safety response and communication concepts and procedures for managing potential WMD incidents., Identify responder roles and responsibilities for a large-scale event and will prepare for the day 2 field training exercise., Demonstrate their ability to plan for, respond to, and recover from a potential CBRNE threat., Describe the outcomes of the training events conducted in Module 6., Based on a scenario, describe successes and areas for improvement in the ability of their jurisdiction to plan for, respond to, and recover from a CBRNE incident.

Other Prerequisites:
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID). This course is delivered at the jurisdictional level. Attendees of this course must have received response training commensurate with their level of participation (that is, at the awareness, performance, management and planning levels, depending on the roles they will perform). This course is intended to engage an entire jurisdiction both the response teams responsible for handling an incident and officials with the direct authority to create policy, commit resources, and make decisions concerning life safety and risk management. Prior to scheduling the course, the jurisdiction applying for the course must fulfill established logistical, participant, and educational requirements.

Primary Core Capability:
Operational Coordination

Secondary Core Capability(s): Community Resilience, Environmental Response/Health and Safety,
Forensics and Attribution, Infrastructure Systems, Intelligence and Information Sharing, Interdiction and Disruption, Logistics and Supply Chain Management, Mass Care Services, Natural and Cultural Resources, On-scene Security, Protection, and Law Enforcement, Physical Protective Measures, Planning, Public Health, Healthcare, and Emergency Medical Services, Public Information and Warning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Screening, Search, and Detection, Situational Assessment


Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
Emergency Response to Domestic Biological Incidents  

Training Provider: Louisiana State University  
Delivery Type: Mobile/Non-Resident  
Course Level: Performance  
Duration (in Hours): 16.0  
Duration (in Days): 2.0

Continuing Education Units:  
General: 1.6

Course Description:  
This is a performance-level course designed to address fundamentals associated with emergency response to biological incidents. As such, it provides detailed technical information and includes hands-on practice of actions required of emergency responders and medical personnel in biological incident situations. The course provides a brief overview of the terrorist threat that now faces the United States; biological agents that could be used by terrorists in executing their attacks; methods of protection from biological agents (with an emphasis on protection using methods and equipment readily available to most emergency responders); and tactics for identifying the presence of a potential biological threat, responding to an incident, and supporting law enforcement operations at the incident scene.  
The course also supports the necessity for teamwork (Incident Command/Unified Command) among all responding agencies and actions that law enforcement personnel can take to support and facilitate the operations of fire and medical services and other responding agencies. In summary, the course will prepare representatives of State and local emergency response agencies to perform safely and effectively during an incident involving biological agents.

Course Objectives:  
At the end of this course, participants will be able to:  
Participants will fill out a complete and accurate registration form.  
By completing a pre-test, participants will assess their baseline knowledge of course content.  
At the conclusion of this module participants will gain a working knowledge of the implications of biological events, whether naturally occurring or intentionally produced.  
Participants will discuss the difference between infectious and contagious.  
Participants will describe the differences between bacteria, viruses, and toxins.  
Participants will be able to list the most likely agents of bioterrorism.  
Participants will describe the diseases these agents cause.  
Participants will list which diseases are more likely to be fatal and which are more likely to be debilitating.  
Participants will use the components of the NCBRT WMD Response Guidebook.  
Participants will be able to describe the biological, physical, and aerobiological properties of biological agents required for a successful bioterrorist attack.  
To better gauge the effectiveness of the dissemination of and transmission of biological agents, participants will assess each in terms of naturally occurring, intentional, and accidental.  
Participants will be able to describe ways in which the agent, dissemination device, route of transmission, system of delivery, and meteorological conditions may interact in order to be better equipped to respond to such situations in real life.  
Participants will be able to describe delivery systems and mechanisms that advance the dissemination of biological agents through devices onto a target.  
Participants will be able to describe federal preparedness guidelines effective during responses to biological incidents to ensure consistency among responders at all levels.  
Participants will gain awareness of surveillance and detection measures with regard to biological incidents.  
Participants will be able to describe which levels of personal protection equipment (PPE) are appropriate under varying circumstances to ensure maximum personal safety during an incident.  
Participants will be able to describe appropriate decontamination procedures for victims and the impacted environment.  
Participants will be able to describe how continuous and active
surveillance can help detect public health events., Participants will be able to explain the medical response to a public health emergency., Participants will be able to list ways in which epidemiological and criminal investigations can occur concurrently during a public health emergency., Participants will be able to identify which, if any, parts of the template should be considered for incorporation into emergency operations plans (EOPs) and standard operating procedures (SOPs)., Participants will complete a comprehensive post-test successfully., By completing a course evaluation form, participants will provide feedback. Participants will share something they want to learn from this course and something they know about the training topic with their peers.

Prerequisite(s): WMD/Terrorism Awareness for Emergency Responders, Web-Based (AWR-110-W)

Other Prerequisites:
Participation in this training program should be limited to mid-level supervisors or emergency responders and planners who are responsible for responding to WMD incidents. Participants must have a picture ID (preferably agency-issued), which they will present to instructors prior to the start of instruction. Successful completion of a WMD Awareness-level training course Assignment to a supervisory position or a position responsible for development and delivery of training focused on responding to a biological incident; or assignment to a supervisory or management position responsible for the development of departmental policies and procedures governing the actions of emergency responders during WMD incidents.

Primary Core Capability:
Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond, Common


Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
Tactical Operations for CBRNE Incidents

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
This course addresses technical aspects associated with a tactical law enforcement response to a CBRNE incident. As such, it provides both detailed technical information and hands-on application of actions required for the safe and effective conduct of tactical operations in CBRNE environments.

Course Objectives:
At the end of this course, participants will be able to:
By the end of this course, participants will be able to describe how this course will benefit them, recognize the threats posed by CBRNE agents, use detection and monitoring equipment appropriately in a CBRNE environment, use PPE appropriately in a CBRNE environment, operate safely and effectively in the tactical phase of response to a CBRNE incident, execute the tactical planning process, through integration of disciplines, in response to a CBRNE incident, effectively integrate various disciplines during response to a CBRNE incident, conduct tactical operations in a CBRNE environment, and complete a comprehensive post-test and course evaluation.

Other Prerequisites:
All law enforcement course participants will be sworn members of a federal, state, or local law enforcement agency who are currently assigned to and functioning as members of a fully operational law enforcement tactical team. Additionally, participants may be responders trained to the hazardous materials operations level or above, with responsibilities for supporting tactical teams as part of their duties. All participants should be cleared by their respective agencies to don PPE and participate in physically demanding practical exercises. It is recommended that in order to attend the Tactical Operations for CBRNE Incidents course, participants should have completed the following:
- Incident Command System (ICS) courses 100, 200, and 700
- An awareness-level WMD course
- An awareness-level hazardous materials course
- A training program in basic tactical operations
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Intelligence and Information Sharing, Physical Protective Measures

Mission Areas: Mitigation

Discipline(s): Hazardous Material, Law Enforcement

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
POC Information: Name: Deyvon Cooper, E-mail Address: dcooper@ncbrt.lsu.edu, Telephone Number: 225-578-4464
Public Safety CBRNE Response Sampling Techniques and Guidelines

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
This is a performance-level course designed to address specific fundamentals and skills associated with an emergency response to a CBNRE incident. As such, it provides detailed technical information and includes hands-on practice of actions required of emergency responders in such situations.

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 operations of all public safety responding agencies.

As required by the National Incident Management System (NIMS), this course also addresses the necessity for teamwork (Incident Command and Unified Command) among all responding agencies and actions that public safety responders can take to support and facilitate the operations of fire and medical services and other responding agencies. In summary, the course will prepare representatives of local and state emergency response agencies to perform a critical technical sampling and survey function safely and effectively during an incident involving CBRNE.

Course Objectives:
At the end of this course, participants will be able to:

Describe how this course will benefit them,
Identify their roles and responsibilities as public safety responders during all phases of a CBRNE incident in which samples are required and explain how the FBI’s 12-step crime scene management process affects those roles,
Choose correct industry-standard screening and monitoring equipment based on a suspected material’s chemical and physical properties and correctly use the selected equipment to determine required precautions for public safety samplers at a CBRNE incident scene,
Correctly perform public safety sampling at a CBRNE incident scene using the appropriate technique based on the material being collected,
Perform public safety sampling operations using various monitoring equipment, sampling techniques, and proper labeling and chain-of-custody procedures,
Safely collect a public safety sample during a CBRNE incident,
Complete a comprehensive post-test and course evaluation

Other Prerequisites:
Personnel should be assigned to positions from which they would likely make a hazardous material response to a WMD incident, or be assigned to a position in which they will develop departmental policies and procedures regarding WMD emergency responder actions, or be assigned to positions from which they will develop or deliver WMD training to prepare their departments to respond to such incidents. This course is intended primarily for HazMat technicians. This course is also intended for law enforcement personnel tasked with supporting the operational phase of a WMD incident and transitioning into the crime scene investigation phase; laboratory; public health; and environmental personnel. The following recommended prerequisites apply to personnel attending this course:- Successful completion of a WMD awareness-level training course.- Current HazMat technician-level certification.- Respiratory medical clearance for wearing Level C PPE (29 Code of Federal Regulations [CFR] 1910.134) Students must be trained in PPE and medically cleared by their agency to operate in PPE. To enroll in this course,
participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

**Primary Core Capability:**
Environmental Response/Health and Safety

**Secondary Core Capability(s):** Screening, Search, and Detection

**Mission Areas:** Respond

**Discipline(s):** Fire Service, Hazardous Material, Law Enforcement, Public Health

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtrt.lsu.edu
Advanced Tactical Operations: WMD Interdiction

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
This course is designed to address technical and practical aspects of implementing an effective and safe tactical law enforcement response to a WMD incident. As such, it offers participants the opportunity to apply technical knowledge in scenario training for the experience of working in a WMD environment and testing abilities and capabilities to prevent, intercept, mitigate, and eliminate threats. The content in this course is an extension of the knowledge and skills taught in the WMD Tactical Operations course. This course introduces advanced techniques, which focus on the interdiction of WMD in transit or on the scene; therefore, a large emphasis is placed on linear targets such as transit-style buses; rail cars, both passenger and freight; subway cars; and aircraft. Furthermore, this course provides detailed technical information through presentations and progressively complex and challenging practical exercises in which participants apply knowledge gained and have the opportunity to preemptively intercept weapons in transit or on scene.

Course Objectives:
At the end of this course, participants will be able to:
- Differentiate between a WMD environment and a normal operating environment by analyzing the role of WMD in past incidents,
- Employ a variety of protective measures for safely conducting a tactical operation in a WMD environment,
- Plan and prepare for conducting tactical operations in a WMD environment against a linear target,
- Conduct an effective tactical response to prevent or mitigate a terrorist incident involving a radiological agent,
- Conduct an effective tactical response to prevent or mitigate a terrorist incident involving a biological agent,
- Conduct an effective tactical response to prevent or mitigate a terrorist incident involving a chemical agent

Prerequisite(s): Standardized Awareness Training (AWR-160), Tactical Planning for Weapons of Mass Destruction Incidents (MGT-321), Weapons of Mass Destruction Tactical Operations Course - Technician Level (PER-221) (PER-221), Tactical Operations for CBRNE Incidents (PER-221)

Primary Core Capability:
Interdiction and Disruption


Mission Areas: Protect

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Hazardous Material, Law Enforcement

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
**Advanced Forensic Investigations for Hazardous Environments**

**Training Provider:** Louisiana State University  
**Delivery Type:** Mobile/Non-Resident  
**Course Level:** Performance  
**Duration (in Hours):** 32.0  
**Duration (in Days):** 4.0

**Continuing Education Units:**  
General: 4

**Course Description:**  
This course addresses response in a hazardous environment, with emphasis on evidence collection and recovery, as well as the paradigm shifts that are required for crime scene investigators to safely conduct a crime scene investigation in these types of environments. The course is designed so that participants will develop the required knowledge, skills, and ability to investigate a chemical, biological, radiological, nuclear, and high-yield explosive (CBRNE), toxic industrial chemical (TIC), or 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.

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Name three crime scene considerations for CBRNE/TIC-contaminated environments, Analyze and present case studies involving CBRNE/TIC agents or materials, Differentiate the functions and responsibilities of the CBRNE crime scene investigation unit (CSIU) Group members,  
- Examine the FBI's 12-step process for crime scene management as it relates to the operations of a CBRNE CSIU Group,  
- Explain why effective monitoring and detection is essential at a hazardous environment crime scene, contaminated with CBRNE/TIC agents or materials,  
- Relate knowledge of chemical and physical properties of materials to effective monitoring and detection,  
- Locate, document, collect, and preserve physical evidence from a mock CBRNE/TIC-contaminated crime scene,  
- Field-screen evidence using pH paper, radiation detectors, photoionization detectors, and a combustible gas indicator,  
- Select appropriate PPE based on hazard and risk assessment, types of harm, hazard physical state, concern level, and amount,  
- Recognize limitations of using PPE in a CBRNE/TIC agent or material hazardous environment,  
- Inspect, don, function in, and doff PPE following proper procedures in a simulated CBRNE/TIC hazardous environment,  
- Describe the principles for decontaminating evidence, equipment, and personnel,  
- Collect and package all types of evidence at least once as the evidence facilitator and once as the evidence collector,  
- Document, process, collect, and package latent fingerprints, hair and fiber evidence, serological and DNA evidence, trace and transfer evidence, and impression evidence according to prescribed procedures and using the appropriate collection and packaging equipment,  
- Describe various methods of crime scene documentation, Discuss the use of crime scene mapping technologies in a CBRNE/TIC-contaminated environment,  
- Collect data using a laser scanner and global positioning system (GPS),  
- Identify three CBRNE/TIC agent or material clandestine laboratories by recognizing and distinguishing lab equipment, processes, notes, and precursor materials and identifying evidence recovery sites,  
- Use supplied reference materials and the Participant Guide to establish evidence types, CBRNE/TIC forensic evidence recovery locations, conventional forensics evidence types and locations, safety and evidence recovery priorities, and evidence recovery plan for two labs,  
- Describe indicators of CBRNE/TIC agents or materials at a crime scene,  
- Recover physical forensic evidence (CBRNE/TIC and conventional) at a CBRNE/TIC-contaminated crime scene, following proper procedures,  
- Distinguish the role of the CSI at a CBRNE/TIC-contaminated crime scene versus the non-CBRNE/TIC-contaminated crime scene.
NTED

Select appropriate evidence collection protocols, procedures, documentation equipment, screening equipment, packaging equipment, and protective equipment for entering a hazardous environment crime scene contaminated by CBRNE/TIC agents or materials. Document, screen, classify, process, collect, package, and preserve multiple items of contaminated conventional and CBRNE/TIC forensic evidence at a hazardous environment crime scene contaminated by CBRNE/TIC agents or materials. Describe the after-action report (AAR), post-incident debriefing, and critical stress impacts.

Other Prerequisites:
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID). This Advanced Forensic Investigations for Hazardous Environments course is designed for CSI personnel who meet the following requirements:

- Employed by a governmental law enforcement agency responsible for investigating crime scenes.
- Be fit to wear respiratory protection (jurisdiction must verify that participants are medically fit).
- Has successfully completed the following prerequisite institutionally delivered training:
  - Weapons of mass destruction (WMD) awareness-level training course or higher.
  - IS-100.b Introduction to Incident Command System, JCS-J OO.
  - IS-200.b JCS/or Single Resources and Initial Action Incidents.
  - IS-700.a National Incident Management System (NIMS) An Introduction.

- Currently trained to perform all of the following functions and to locate, document, field-screen, process, collect, package, and preserve all of the following types of evidence as part of his or her job requirements:
  - Crime scene photography.
  - Crime scene mapping or sketching.
  - Latent fingerprints.
  - Hair and fibers.
  - Serological evidence.
  - Trace and transfer evidence.
  - Impression evidence.

Preference will be given to applicants who have completed a training course in Hazardous Materials (HazMat) operations offered by DHS or an equivalent.

Primary Core Capability:
Forensics and Attribution


Mission Areas: Prevent

Discipline(s): Law Enforcement

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtrt.lsu.edu
Introduction to the (Computer Aided Management Emergency Operations Suite (CAMEO)

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident

Course Level: Performance
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
General: 2.4

Course Description:
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.

Course Objectives:
At the end of this course, participants will be able to:
Use the CAMEO Chemicals program to perform searches for chemicals, view Chemical Datasheets, and create reactivity predictions between substances added to the MyChemicals list within the software, Operate the CAMEOfm Facilities, Contacts, and Chemicals in Inventory modules, Manage data using the CAMEOfm Special Locations, Routes, Incidents, and Resources modules, Effectively conduct all basic operations of the MARPLOT software, Use the search functions within MARPLOT to locate objects and map information, use the export function to share MARPLOT search results with others, and use MARPLOT in an emergency response scenario, Utilize ALOHA for local emergency planning and response efforts involving toxic chemicals or flammables, Use the CAMEO Suite to create a planning or response document for a local emergency event

Other Prerequisites:
None

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Environmental Response/Health and Safety, Intelligence and Information Sharing, Interdiction and Disruption, On-scene Security, Protection, and Law Enforcement, Physical Protective Measures, Planning, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond


Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbtrt.lsu.edu
Introduction to Computer-Aided Management of Emergency Operations Suite (CAMEO), Train-the-Trainer

Training Provider: Louisiana State University  
Delivery Type: Mobile/Non-Resident  
Course Level: Performance  
Duration (in Hours): 32.0  
Duration (in Days): 3.0

Continuing Education Units:  
General: 3.2

Course Description:  
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 fm system and its associated programs (ALOHA®, MARPLOT®, LandView®, and Tier II Submit). 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.

Course Objectives:  
At the end of this course, participants will be able to:  
Identify components of the Suite, describe how they can be freely and easily acquired and installed, and learn the correct sequence for launching each application, Utilize various CAMEO fm Search operations to select specific database entries, and will input several substances to the Reactivity Worksheet and interpret the results, Utilize the MARPLOT application which includes viewing maps, navigating using the toolbar and Lat/Long and Street Search operations, adjusting the map display using the Set Scale function and adding map information boxed to MARPLOT, Operate ALOHA to produce threat zone estimates for various chemical incidents, Operate MARPLOT Layer List manager to add objects to the MARPLOT maps and to adjust the geometry and display attributes for the added map objects, Link created MARPLOT objects with existing CAMEO fm records, utilize MARPLOT Quick Zoom and Quick Search functions, print and save MARPLOT views, and copy-and-paste MARPLOT screen shots to other software applications, Demonstrate familiarity with CAMEO Suite software operations, Import Tier II report files for CAMEO fm, review Tier II information, conduct various CAMEO fm data searches, and will produce reports based on Tier II data, Manipulate CAMEO fm Special Locations, Routes, Incidents, and Resources modules, Design Emergency Planning Zones for a facility

Other Prerequisites:  
None

Primary Core Capability:  
Situational Assessment

Secondary Core Capability(s): Interdiction and Disruption, Physical Protective Measures, Planning, Risk and Disaster Resilience Assessment, Threats and Hazard Identification

Mission Areas: Prevent, Protect, Respond


Training Certificates:  
Louisiana State University Certificate of Completion

Course POC:  
Registration Desk  
POC Work Phone: 877-829-8550
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**Continuing Education Units:**
General: 2.7

**Course Description:**
The Incident Response to Terrorist Bombings, Residential course is designed to provide emergency first responders with the skills to recognize and respond to terrorist bombing incidents through lectures, exercises, and live-explosive field demonstrations. Emergency first responders are presented with information necessary to recognize explosives and their effects, identify Improvised Explosive Devices (IEDs) and their components, and determine pre-detonation and post-detonation response strategies. Throughout this course, emergency first responders use the concepts they have learned to implement safe response strategies in bombing scenarios; understanding these recognition and response actions is critical to mitigating the effects of a bombing incident.

**Course Objectives:**
At the end of this course, participants will be able to:
- Recognize explosives and their physical blast effects.
- Identify Improvised Explosive Devices (IEDs) and their components.
- Recognize the physical blasts effects, blast injuries, and hazards associated with explosive materials and Improvised Explosive Devices (IEDs).
- Identify pre-detonation response strategies and personal protection considerations to bombing threats and incidents.
- Identify post-detonation response strategies and personal protection considerations to post-blast incidents.

**Other Prerequisites:**
United States Citizenship

**Primary Core Capability:**
Threats and Hazard Identification

**Secondary Core Capability(s):** Situational Assessment

**Mission Areas:** Respond

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety

**Training Certificates:**
New Mexico Institute of Mining and Technology Certificate of Completion

**Course POC:**
- Registration Desk
- POC Work Phone: 575-835-5703
- POC Work Email: Respond@emrtc.nmt.edu

Course Details Link: [http://www.emrtc.nmt.edu/training/portal](http://www.emrtc.nmt.edu/training/portal)
Incident Response to Terrorist Bombings, Residential Train-the-Trainer

Training Provider: New Mexico Institute of Mining and Technology
Delivery Type: Residential

Course Level: Performance
Duration (in Hours): 27.0
Duration (in Days): 4.0

Continuing Education Units:
General: 2.7

Course Description:
The Incident Response to Terrorist Bombings, Residential--Train-the-Trainer course is designed to provide emergency first responders with the skills to recognize and respond to terrorist bombing incidents through lectures, exercises, and live-explosive field demonstrations. Emergency first responders are presented with information necessary to recognize explosives and their effects, identify Improvised Explosive Devices (IEDs) and their components, and determine pre-detonation and post-detonation response strategies. Throughout this course, emergency first responders use the concepts they have learned to implement safe response strategies in bombing scenarios; understanding these recognition and response actions is critical to mitigating the effects of a bombing incident. Qualified participants who meet all course requirements are certified to teach an awareness-level version of the course.

Course Objectives:
At the end of this course, participants will be able to:
Recognize explosives and their physical blast effects., Identify Improvised Explosive Devices (IEDs) and their components., Recognize the physical blast effects, blast injuries, and hazards associated with explosive materials and Improvised Explosive Devices (IEDs)., Identify pre-detonation response strategies and personal protection considerations to bombing threats and incidents., Identify post-detonation response strategies and personal protection considerations to post-blast incidents.

Other Prerequisites:
· United States Citizenship· Certified as an instructor or assigned to a position responsible for conducting training by their agency or other certifying authority.

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Situational Assessment

Mission Areas: Respond
Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu
Prevention of and Response to Suicide Bombing Incidents, Residential

Training Provider: New Mexico Institute of Mining and Technology
Course Level: Performance
Delivery Type: Residential
Duration (in Hours): 34.0
Duration (in Days): 5.0

Continuing Education Units:
General: 3.4

Course Description:
The Prevention of and Response to Suicide Bombing Incidents, Residential course is designed to provide emergency first responders with the skills to prevent and respond to suicide bombing incidents through lectures, exercises, and live-explosive field demonstrations. Emergency first responders are presented with information on how to prevent, deter, and mitigate the effects of a suicide bomber along with active suicide bomber and post-blast response strategies. Throughout this course, emergency first responders use a series of tools and documents, including the Nine Phases of a Bombing Attack, to understand the steps a suicide bomber follows to conduct their attack; understanding these steps is critical to the successful prevention of a suicide bombing attack.

Course Objectives:
At the end of this course, participants will be able to:
Recognize the history of and the threat posed by suicide bombing to the United States and its communities., Identify Suicide Bomber Improvised Explosive Devices (SBEIDs), SBEID components, and SBEID delivery methods., Identify suicide bomber methods of operation and interdiction opportunities using the Nine Phases of a Bombing Attack., Recognize the effects and hazards associated with explosive materials and Suicide Improvised Explosive Materials (SIEDs)., Identify pre-detonation and post-detonation suicide bomber response strategies including scene health and safety.

Other Prerequisites:
- Participants must be US citizens

Primary Core Capability:
Situational Assessment

Secondary Core Capability(s): Threats and Hazard Identification

Mission Areas: Prevent, Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu

Course Details Link: http://www.emrtc.nmt.edu/training/portal/
Prevention and Response to Suicide Bombing Incidents, Residential
Train-the-Trainer

Training Provider: New Mexico Institute of Mining and Technology
Delivery Type: Residential

Course Level: Performance
Duration (in Hours): 34.0
Duration (in Days): 5.0

Continuing Education Units:
General: 3.4

Course Description:
The Prevention and Response to Suicide Bombing Incidents, Residential--Train-the-Trainer course is designed to provide emergency first responders with the skills to prevent and respond to suicide bombing incidents through lectures, exercises, and live-explosive field demonstrations. Emergency first responders are presented with information on how to prevent, deter, and mitigate the effects of a suicide bomber along with active suicide bomber and post-blast response strategies. Throughout this course, emergency first responders use a series of tools and documents, including the Nine Phases of a Bombing Attack, to understand the steps a suicide bomber follows to conduct their attack. Qualified course participants who meet all course requirements are certified to teach an awareness-level version of the course.

Course Objectives:
At the end of this course, participants will be able to:
- Recognize the history of and the threat posed by suicide bombing to the United States and its communities.
- Identify Suicide Bomber Improvised Explosive Devices (SBIEDs), SBIED components, and SBIED delivery methods.
- Identify suicide bomber methods of operation and interdiction opportunities using the Nine Phases of a Bombing Attack.
- Recognize the effects and hazards associated with explosive materials and Suicide Improvised Explosive Materials (SIEDs).
- Identify pre-detonation and post-detonation suicide bomber response strategies including scene health and safety.

Other Prerequisites:
United States Citizenship

Primary Core Capability:
Situational Assessment

Secondary Core Capability(s): Threats and Hazard Identification

Mission Areas: Prevent, Respond
Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Security and Safety

Training Certificates:
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 575-835-5703
POC Work Email: Respond@emrtc.nmt.edu

Course Details Link: http://www.emrtc.nmt.edu/training/portal/
Medical Preparedness and Response to Bombing Incidents (MPRBI)  
PER-233

Training Provider: New Mexico Institute of Mining and Technology  
Course Level: Performance
Delivery Type: Mobile/Non-Resident  
Duration (in Hours): 16.0  
Duration (in Days): 2.0

Continuing Education Units:  
General: 1.6

Course Description:  
This course is designed to equip first responders and first receivers with the knowledge necessary to enhance the safety, efficiency, and effectiveness of an integrated jurisdictional medical response and subsequent clinical care following a bombing incident. This course is delivered concurrently with MGT-348 and is facilitated by instructors possessing expertise in both medical operations and explosives. Participants of the combined PER-233/MGT-348 will be assigned to the appropriate course based on their current duty responsibilities or emergency management/response roles within their respective organization

Course Objectives:  
At the end of this course, participants will be able to:
Module 1: Participants will be able to explain how to apply the lessons learned from actual bomb incidents to help prevent and/or respond to a possible local bombing incident., Module 2: Participants will be able to identify and explain the threats posed by terrorists’ use of explosives against U.S. domestic targets., Module 3: Participants will be able to identify commonly used explosives., Module 4: Participants will be able to recognize and identify indicators of an imminent or future attack., Module 5: Participants will be able to recognize bombing injuries and identify appropriate treatment., Module 6: Participants will be able to perform patient triage throughout bombing incident response, and engage in bomb-related exercises involving triage., Module 7: Participants will be able to safely conduct appropriate preventive, preparatory, and response actions during both the pre- and post-detonation periods of a bombing incident., Module 9: Participants will be able to take appropriate tactical and operational issues into consideration when planning for response to both pre- and post-detonation bombing incidents., Module 11: Participants will be able to demonstrate their understanding of key response issues to a major bombing incident.

Other Prerequisites:  
IS-100IS-200IS-700

Primary Core Capability:  
Intelligence and Information Sharing

Mission Areas: Respond


Training Certificates:  
New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:  
Leslie Griego
POC Work Phone: 575-835-5595  
POC Work Email: lgriego@emrtc.nmt.edu
Primary Screener / Personal Radiation Detector

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Continuing Education Units:
General: 1

Course Description:
This course trains participants to perform basic Preventive Radiological/Nuclear Detection (PRND) Operations as Primary Screeners employing a personal radiation detector. Participants learn how the job of the Primary Screener is integrated into the Nation's Global Nuclear Detection Architecture’s (GNDA) objective to address the threat of terrorist attacks using radiological/nuclear material. The course evaluates participants' on knowledge, skills, and abilities in the Primary Screener role. Through scenario-based drills, Participants are trained to detect, locate, and adjudicate potential threats involving people, vehicles, packages, and facilities.

Course Objectives:
At the end of this course, participants will be able to:
Identify the Preventive Radiological Nuclear Defence (PRND) Mission Structure.
Have a general knowledge of radiation basics and weapons of mass destruction that is required for performance of primary screening operations.
Employ a personal radiation detector as a Primary Screener.
Perform the duties of a Primary Screener using the Alarm Response Guide (ARG), the personal radiation detector (PRD), and the totality of the circumstances to properly assess radiation alarms.
Receive, Respond To, and Assess PRD alarms using instrument response, visual and audio indicators, and interview results to categorize alarms as they relate to: people, packages, and vehicles.

Other Prerequisites:
Participants must be law enforcement or public safety officers who have been issued a PRD and whose duties place them in locations where illicit radiological/nuclear material may be hidden, transported, assembled, and/or employed by terrorist elements.

Primary Core Capability:
Screening, Search, and Detection

Mission Areas: Prevent

Discipline(s): Citizen/Community Volunteer, Fire Service, Hazardous Material, Health Care, Law Enforcement, Public Works, Search & Rescue, Transportation

Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
CTOS Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Personal Radiation Detector (PRD), Train-the-Trainer

Training Provider: Counterterrorism Operations Support
Delivery Type: Residential

Course Level: Performance
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: 2.4

Course Description:
The PER-243-1 Primary Screener/Personal Radiation Detector (PRD) Train-the-Trainer Course train 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. The course further includes teach-back experience as well as extensive practice with the course Station Guides to enhance expertise of personnel instructing others in the tasks required to perform the Primary Screener role.

Course Objectives:
At the end of this course, participants will be able to:
Upon completion of this course, participants will be able to instruct agency/jurisdiction personnel assigned as Primary Screeners on the use of passive techniques based upon National training standards and qualifications, to employ a Personal Radiation Detector (PRD) – in an operational environment – to detect radiological or nuclear sources in accordance with the PRD operating instructions.

Prerequisite(s): Introduction to Radiological Nuclear WMD Operations (AWR-140)

Primary Core Capability:
Screening, Search, and Detection

Secondary Core Capability(s): Interdiction and Disruption, Screening, Search, and Detection

Mission Areas: Prevent

Discipline(s): Fire Service, Law Enforcement, Transportation

Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
CTOS Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Preventive Radiological/Nuclear Detection (PRND) Secondary Screener/RIID

Training Provider: Counterterrorism Operations Support
Delivery Type: Mobile/Non-Resident

Course Level: Performance
Duration (in Hours): 7.0
Duration (in Days): 1.0

Continuing Education Units:
General: 1.4

Course Description:
Under simulated field conditions, using an Agency- or CTOS-supplied Radio-Isotope Identification Device (RIID), the Participants will respond as Secondary Screeners and employ the RIID to detect, verify, locate, measure, identify, and assess unknown radiological sources for the purpose of adjudicating the alarms. Further, they will collect spectra on the RIID and upload this data to computers or smart phones in preparation to forward the spectral data for reachback assistance.

Course Objectives:
At the end of this course, participants will be able to:
The goal of this course is to provide the Secondary Screener with the knowledge and skills to successfully meet the competencies and behaviors of the National Incident Management System (NIMS) Secondary Screener Typed position.

Module 1: Participants will be able to summarize secondary screening and its role in the Global Nuclear Detection Architecture (GNDA), and in the Preventive Radiological/Nuclear Detection (PRND) mission.

Module 2: Participants will be able to restate radiation basics that are required for performance of secondary screening operations.

Module 3: Participants will demonstrate the ability to inspect, operate, and maintain a Radio-Isotope Identification Device (RIID) in performance of secondary screening activities or duties.

Module 4: Participants will be able to integrate their training to assume their role of a Secondary Screener, Type 1, and initiate position activities within the steady state and enhanced steady state operational spectrum of operations.

Module 5: Participants will be able to use suitable communication techniques to share relevant information with appropriate Preventive Radiological/Nuclear Detection (PRND) personnel and during direct contact with the general public.

Module 6: Participants will be able to integrate (identify, analyze, and apply) relevant situational information (totality of the circumstances) and evaluate actions to complete assignments and meet identified objectives.

Prerequisite(s):
Primary Screener / Personal Radiation Detector (PER-243)

Primary Core Capability:
Screening, Search, and Detection

Mission Areas:
Prevent

Discipline(s):
Emergency Medical Services, Fire Service, Hazardous Material, Law Enforcement

Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Primary Screener Backpack Basic Course

Training Provider: Counterterrorism Operations Support
Delivery Type: Mobile/Non-Resident

Course Level: Performance
Duration (in Hours): 4.0
Duration (in Days): 1.0

Continuing Education Units:
General: 1

Course Description:
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).

Course Objectives:
At the end of this course, participants will be able to:
- Distinguish the differences between the capabilities of the Backpack and other National Incident Management System (NIMS) typed PRND equipment.
- Give examples of deployment methods commonly used with Backpack detectors.
- Point out operational limitations of the Backpack detector.
- Summarize the Backpack Operator’s considerations when receiving a neutron alarm.
- Cite the common characteristics of Backpack detectors.
- Identify the standard and optional components of Backpack detectors.
- Identify operational considerations when employing the Backpack detector.
- Differentiate between the steps of the Alarm Response Guide (ARG).
- Describe special considerations for alarms on people, packages, vehicles and facilities

Prerequisite(s): Primary Screener / Personal Radiation Detector (PER-243)

Other Prerequisites:
AWR-140, Introduction to Radiological/Nuclear WMD Operations, or equivalent training PER-243, Primary Screener/Personal Radiation Detector Course, or equivalent training as both a Primary Screener and in PRD operations.

Primary Core Capability:
Screening, Search, and Detection

Mission Areas: Prevent


Training Certificates:
DHS Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Secondary Screener/Radiation Detection Kit Operations and Strategies (SS/RDK)

Training Provider: Counterterrorism Operations Support
Delivery Type: Mobile/Non-Resident

Course Level: Performance
Duration (in Hours): 7.0
Duration (in Days): 1.0

Continuing Education Units:
General: 7

Course Description:
The SS/RDK Operations and Strategies Course supports the Preventative Radiological/Nuclear Prevention (PRND) mission. The course focuses on the operation and employment of the FH 40 survey/rate meter and remaining Radiation Detection Kit (RDK) components. The participant will learn to detect, verify, locate, measure, identify, and assess the radiation level of unknown radiological materials in facilities, packages, and vehicles using the system and its accessories.

Course Objectives:
At the end of this course, participants will be able to:
Module 1: Identify and describe the contents of the RDK., Demonstrate and perform a pre-operations check of the RDK., Describe the indicators and menus on the FH 40 G-L survey/rate meter. Module 2: Operate the various probes to detect radiation., Describe the characteristics of the RDK probes., Explain the differences in detecting alpha, beta, gamma, and neutron radiation., Describe the different techniques used in detecting alpha, beta, gamma, and neutron radiation with the RDK., Describe how to use the RDK probes to perform the ARG and the characteristics of each probe. Module 3: Describe how the RDK enhances the ARG and how it applies to the Prevent Mission. Module 4: Introduce strategic considerations when employing the RDK., Describe strategic considerations when employing the RDK.

Other Prerequisites:
· AWR-140 WMD Radiological/Nuclear Awareness Course
· AWR-160-W WMD All Hazards Awareness Course
· AWR-224-W Secondary Screener Radiation Detection Kit (SS/RDK) Components and Controls Course
· PER-243 Personal Radiation Detector (PRD) Course
· PER-245 Secondary Screener RIID (SS/RIID), Or equivalent training and/or experience.

Primary Core Capability:
Screening, Search, and Detection

Secondary Core Capability(s): Environmental Response/Health and Safety, Intelligence and Information Sharing, Interdiction and Disruption, Screening, Search, and Detection

Mission Areas: Prevent
Discipline(s): Fire Service, Hazardous Material, Law Enforcement, Public Works

Training Certificates:
DHS Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Course Description:
Developed and delivered by the Criminal Justice Institute (CJI) and sponsored by the University of Texas at San Antonio (UTSA), CFR focuses on emergency response to a cyber-attack that has crippled or disabled critical cyber-infrastructure. CFR combines instructor led classroom lecture with hands-on computer lab applications to prepare first responders to effectively counter a cyber-attack and restore critical infrastructure as quickly and efficiently as possible. Course participants are trained to use cyberterrorism response tools against real world simulated cyber-attacks, and learn the proper steps of incident response to include incident assessment, detection and analysis, and the containing, eradicating, and recovering process from a system or network-based attack.

Course Objectives:
At the end of this course, participants will be able to:
Define steps for handling cyberterrorism incidents, including incident assessment, detection and analysis for security incidents, and containing, eradicating, and recovering from a system or network-based attack, Identify, define, and practice with tools and resources required in the cyberterrorism incident response process in order to accurately and successfully detect, analyze, and mitigate a cyber attack, Describe the CFR process to include emergency assessment, containment, eradication, restoration, and the post-emergency response, Describe secondary incident response techniques and the proper integration of these activites into the CFR process, Define the proper techniques used to properly review, critique, and build upon the CFR process through a series of review meetings and lessons learned methods.

Other Prerequisites:
This is an advanced level hands-on course where specific network and security knowledge and experience are required. A minimum of 3 years’ experience as a system/network administrator or as a cybersecurity professional is required. An intermediate understanding of network concepts, to include TCP/IP and Domain Name Services (DNS), along with general knowledge of computer operating systems is also required. Preferred Prerequisite: Any experience with handling cyber- incidents; plus, a minimum of 3 years’ experience as a system or network administrator, or a minimum of 4 years’ experience as a cybersecurity professional.

Primary Core Capability:
Cybersecurity


Mission Areas: Prevent, Protect, Respond, Recover, Mitigation


Training Certificates:
University of Texas San Antonio Certificate of Completion

Course POC:
Jimmy Nobles
POC Work Phone: 501-570-8058
POC Work Email: jwnobles@cji.edu
**Hazardous Materials Technologies: Sampling, Monitoring, and Detection**

**PER-261**

**Training Provider:** Center for Domestic Preparedness  
**Course Level:** Performance  
**Delivery Type:** Residential  
**Duration (in Hours):** 40.0  
**Duration (in Days):** 5.0

**Continuing Education Units:**
- General: 4

**Course Description:**
The Hazardous Materials Technician for CBRNE Incidents (HT) provides responders, who are designated as hazardous material (HAZMAT) technicians with the technician-level knowledge, skills, and abilities necessary to respond confidently to a CBRNE incident site and use a variety of technology to detect and sample hazardous substances. Participants learn about technology and instrumentation used when responding to chemical, biological, radiological, and explosive hazards, with the majority of the time on each topic spent in hands-on operation of select detection equipment. Participants operate the equipment while wearing personal protective equipment (PPE) Levels A, B, C, and D. The course also includes training at the COBRA Training Facility where participants engage in toxic-agent and scenario-based exercises that require critical thinking skills related to the selection and use of CBRNE detection and sampling instruments.

**Course Objectives:**
At the end of this course, participants will be able to:
- Select chemical sampling technology.
- Select biological sampling technology.
- Select radiological monitoring technology.
- Perform hazardous materials operations in various levels of personal protective equipment.
- Perform bulk and swab sample collections.

**Other Prerequisites:**
- AWR-160, WMD/Terrorism Awareness for Emergency Responders;
- IS-100.b, Introduction to the Incident Command System or any of the available ICS-100 series;
- IS-200.b, ICS for Single Resources and Initial Action Incidents or any of the available ICS-200 series;
- IS-700.a, National Incident Management System, An Introduction; and
- IS-800.b, An Introduction to the National Response Framework.

**Primary Core Capability:**
Environmental Response/Health and Safety

**Secondary Core Capability(s):** Infrastructure Systems, Operational Communications, Public Information and Warning, Situational Assessment

**Mission Areas:** Respond, Recover

**Discipline(s):** Fire Service, Hazardous Material

**Training Certificates:**
Center for Domestic Preparedness Certificate of Completion

**Course POC:**
Michael Aguilar  
POC Work Phone: 256-231-0106  
POC Work Email: michael.aguilar@fema.dhs.gov
Respiratory Protection: Program Development and Administration (RP) is a three-day course that provides essential information and the skills required to develop, implement, administer, and sustain a respiratory protection program that fully complies with the laws and regulations regarding emergency-response actions.

Course Objectives:
At the end of this course, participants will be able to:
- Identify administrative components required for employers to establish a respiratory protection program in accordance with § 1910.134(c).
- Apply applicable § 1910.120 standards during an emergency response.
- Identify the requirements for personal protective equipment in accordance with § 1910.132.
- Employ multiple technologies to conduct qualitative and quantitative fit testing in accordance with § 1910.134

Prerequisite(s): Standardized Awareness Training (AWR-160)

Other Prerequisites:
- IS-100.a Introduction to Incident Command System (ICS) or any of the available ICS-100 series
- IS-700.a National Incident Management System (NIMS), An Introduction

This course is open to individuals who perform any aspect of the employer-designated respiratory protection program.

Primary Core Capability:
Environmental Response/Health and Safety

Secondary Core Capability(s): Planning

Mission Areas: Respond


Training Certificates:
Center for Domestic Preparedness Certificate of Completion

Course POC:
Michael Aguilar
POC Work Phone: 256-231-0106
POC Work Email: michael.aguilar@fema.dhs.gov
Law Enforcement Protective Measures for CBRNE Incidents

Training Provider: Center for Domestic Preparedness
Delivery Type: Mobile/Non-Resident, Residential

Course Level: Performance
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: .8

Course Description:
This course law enforcement responders receive instruction in the current terrorist and extremist threat, apply community-based policing principles to the identification and prevention of terrorism and extremism, develop knowledge in the critical law enforcement skills required to respond to and operate safely in a CBRNE incident environment. The course culminates in a series of hands-on activities that allow responders to practices all of the learned skills (employing weapons, retaining weapons, and apprehending suspects while wearing personal protective equipment [PPE]; preserving hazardous evidence; moving and communicating tactically while wearing PPE; conducting sampling of hazardous materials, etc.) in a realistic context.

Course Objectives:
At the end of this course, participants will be able to:
Select chemical, biological, and radiological sampling technology., Perform HAZMAT operations in various levels of personal protective equipment., Perform Bulk Sample Collection Method A., Perform Swab Sample Collection Method B.

Prerequisite(s): Standardized Awareness Training (AWR-160)

Other Prerequisites:
- AWR-160, WMD/Terrorism Awareness for Emergency Responders;
- IS-100.b, Introduction to the Incident Command System or any other ICS-100 series courses;
- IS-200.b, ICS for Single Resources and Initial Action Incidents or any other ICS-200 series;
- IS-700.a, National Incident Management System (NIMS), An Introduction; and
- IS-800.b, An Introduction to the National Response Framework.

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s): Interdiction and Disruption, Screening, Search, and Detection, Situational Assessment

Mission Areas: Respond

Discipline(s): Law Enforcement

Training Certificates:
Center for Domestic Preparedness Certificate of Completion

Course POC:
Michael Aguilar
POC Work Phone: 256-231-0106
POC Work Email: michael.aguilar@fema.dhs.gov
**Law Enforcement Protective Measures for CBRNE Incidents, Train-the-Trainer**

**Training Provider:** Center for Domestic Preparedness

**Delivery Type:** Mobile/Non-Resident, Residential

**Course Level:** Performance

**Duration (in Hours):** 16.0

**Duration (in Days):** 2.0

**Continuing Education Units:**

General: 1.6

**Course Description:**

The Law Enforcement Protective Measures for CBRNE Incidents, Train the Trainer course provides law enforcement supervisors and trainers with the ability to train other law enforcement responders in CBRNE-specific skills, reinforcing their ability to identify suspicious activity that could lead to a CBRNE event and with the knowledge to respond to a CBRNE event. Successful completion of LEPM TiT results in a local law enforcement supervisor or trainer who comprehends and can apply the appropriate immediate protective actions to safely and appropriately respond to a CBRNE incident at the performance defensive level.

**Course Objectives:**

At the end of this course, participants will be able to:

- Constructing learning objectives that includes a task, a condition, and a standard of performance.
- Identifying the techniques necessary to provide an effective presentation.
- Recognizing strengths and weaknesses of various training aids.
- Selecting and conducting practical exercises to facilitate the learning and capabilities of law enforcement protective measure team members.

**Prerequisite(s):** Standardized Awareness Training (AWR-160)

**Other Prerequisites:**

- Be currently serving in a supervisory position with a law enforcement agency or department.
- Be a certified/authorized trainer within a law enforcement agency or department.

**Primary Core Capability:**

Long-term Vulnerability Reduction

**Mission Areas:** Respond

**Discipline(s):** Law Enforcement

**Training Certificates:**

Center for Domestic Preparedness Certificate of Completion

**Course POC:**

Michael Aguilar

POC Work Phone: 256-231-0106

POC Work Email: Michael.aguilar@fema.dhs.gov
Law Enforcement Response Actions for CBRNE Incidents

Training Provider: Center for Domestic Preparedness
Delivery Type: Mobile/Non-Resident, Residential

Course Level: Performance
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
General: .8

Course Description:
This course provides law enforcement personnel an opportunity to apply the knowledge and skills learned through PER-264, Law Enforcement Protective Measures for CBRNE Incidents in practice and in realistic incident response scenarios. During the first portion of the course, students practice establishing initial command of CBRNE incidents. Students receive advanced practical application in the identification of CBRNE hazards, personal protective equipment (PPE), safety considerations, and hazards and evidence preservation. The last portion of the course consists of collaborating with other law enforcement professionals to respond to realistic CBRNE incidents intended to develop critical thinking and intuitive decision-making skills that support safe and responsive action in the event of an actual incident.

Course Objectives:
At the end of this course, participants will be able to:
- Identify biological, chemical, and explosive hazards;
- Don and doff personal protective equipment;
- Assume initial command of a CBRNE incident;
- Handle a weapon and perform weapon-retention techniques;
- Preserve evidence;
- Process through technical decontamination.

Prerequisite(s): Law Enforcement Protective Measures for CBRNE Incidents (PER-264)

Other Prerequisites:
- AWR-160, WMD/Terrorism Awareness for Emergency Responders;
- IS-100.b, Introduction to the Incident Command System or any of the available ICS-100 series;
- IS-200.b, ICS for Single Resources and Initial Action Incidents or any of the available ICS-200 series;
- IS-700.a, National Incident Management System (NIMS), An Introduction; and
- IS-800.b, National Response Framework, An Introduction.
- Participants must have successfully completed Law Enforcement Protective Measures for CBRNE Incidents;
- Participants must be physically capable of completing all learning activities and exercises, including the ability to move tactically as a member of a law enforcement team, clear rooms, apprehend a suspect, and extricate a victim or suspect from a building or room.

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s): Infrastructure Systems, Interdiction and Disruption, Screening, Search, and Detection, Situational Assessment

Mission Areas: Respond

Discipline(s): Law Enforcement

Training Certificates:
Center for Domestic Preparedness Certificate of Completion

Course POC:
Michael Aguilar
POC Work Phone: 256-847-2069
POC Work Email: Michael.aguilar@fema.dhs.gov

Course Schedule:
http://cdp.dhs.gov/training/schedule/
NTED

Course Details Link:  https://cdp.dhs.gov/training/courses/lera
**Instructor Training Course (ITC)**

**Training Provider:** Center for Domestic Preparedness  
**Delivery Type:** Mobile/Non-Resident, Residential

**Course Level:** Performance  
**Duration (in Hours):** 40.0  
**Duration (in Days):** 5.0

**Continuing Education Units:**  
General: 4

**Course Description:**  
Instructor Training Certification (ITC) is a 5-day course that prepares emergency responders to deliver lectures and hands-on training in their local jurisdictions. The course is conducted in two phases: fundamental principles and applied principle. During the fundamental principles phase participants receive an overview of adult learning, task analysis, risk and hazard analysis, learning objectives and lesson plans, communication skills, instructional delivery and multimedia, testing and evaluations, and after action reviews. Then, during the applied principles phase, participants put these lessons into practice through a series of practice training sessions.

**Course Objectives:**  
At the end of this course, participants will be able to:  
1. Developing and delivering instruction using multiple teaching and delivery strategies.  
2. Identifying learning resources applicable to a responder/receiver training environment.  
3. Assessing student needs and managing the learning environment.

**Other Prerequisites:**  
- To be eligible to attend ITC, a candidate must have successfully completed an approved CBRNE training course.

**Primary Core Capability:**  
Threats and Hazard Identification

**Mission Areas:** Prevent, Respond


**Training Certificates:**  
Center for Domestic Preparedness Certificate of Completion

**Course POC:**  
Michael Aguilar  
POC Work Phone: 256-231-0106  
POC Work Email: Michael.aguilar@fema.dhs.gov

**Course Schedule:**  
http://cdp.dhs.gov/training/schedule/

**Course Details Link:**  
https://cdp.dhs.gov/training/courses/itc
Emergency Medical Operations for CBRNE Incidents

Training Provider: Center for Domestic Preparedness
Delivery Type: Mobile/Non-Resident, Residential
Course Level: Performance
Duration (in Hours): 32.0
Duration (in Days): 4.0
Continuing Education Units:
General: 3.2

Course Description:
Emergency Medical Operations for CBRNE Incidents (EMO) is a four-day course that prepares participants to effectively respond to a chemical, biological, radiological, nuclear or explosive (CBRNE) event or mass casualty incident (MCI). Emergency Medical Service (EMS) responders who are trained at the operations level may provide emergency medical care during a CBRNE incident or MCI. During the response phase, EMS responders perform lifesaving procedures in the warm and cold zones. In addition, they must use appropriate personal protective equipment (PPE) while providing casualty triage, treatment, and transport.

Course Objectives:
At the end of this course, participants will be able to:
Apply the Incident Command System (ICS) principles focusing on medical operations., Identify the appropriate PPE levels when responding to a CBRNE incident or an MCI., Process nonambulatory, ambulatory, and access and functional needs casualties through a decontamination corridor., Evaluate casualties using techniques such as Simple Triage and Rapid Treatment (START) and JumpSTART©., Respond to a simulated CBRNE incident or an MCI wearing the appropriate level of PPE while providing triage, treatment, and decontamination to casualties., Discuss access and functional needs considerations for casualty care., Evaluate medical treatment procedures for individuals exposed to CBRNE hazards., Provide appropriate medical treatment for casualties at a CBRNE incident or an MCI., Conduct tracking and transport operations in support of casualty evacuation during an MCI., Participate in rehabilitation procedures for responders involved in a CBRNE incident or an MCI., Respond to a simulated CBRNE incident or MCI while wearing PPE to provide casualty assistance and perform emergency medical operations.

Prerequisite(s): Standardized Awareness Training (AWR-160)

Other Prerequisites:
· IS-100.b Introduction to the Incident Command System or any of the ICS-100 series;· IS-200.b ICS for Single Resources and Initial Action Incidents or any of the ICS-200 series;· IS-700.a, National Incident Management System, An Introduction; and· Participants who attend this course must be physically able to meet the Center for Domestic Preparedness (CDP) medical criteria (resident training form [COBRATF 4.18. BB]); lift 50 pounds; and wear PPE.

Primary Core Capability:
Public Health, Healthcare, and Emergency Medical Services

Mission Areas: Respond

Discipline(s): Emergency Medical Services, Health Care, Public Health

Training Certificates:
Center for Domestic Preparedness Certificate of Completion

Course POC:
Michael Aguilar
POC Work Phone: 256-231-0106
POC Work Email: Michael.aguilar@fema.dhs.gov
Course Schedule:
http://cdp.dhs.gov/training/schedule/
Course Details Link:  https://cdp.dhs.gov/training/courses/emo
Law Enforcement Active Shooter Emergency Response (LASER)  

Training Provider: Louisiana State University  
Delivery Type: Mobile/Non-Resident  
Course Level: Performance  
Duration (in Hours): 16.0  
Duration (in Days): 2.0

Continuing Education Units:  
General: 1.6

Course Description:  
The Law Enforcement Active Shooter Emergency Response (LASER) course uses a mixture of classroom presentations, hands-on field training, and practical exercises to enhance the response capabilities of law enforcement officers in order to effectively respond to and stop an active shooter incident. This class aims to provide participants with the knowledge, skills, and abilities to rapidly deploy and neutralize violent offenders during active shooter incidents in order to prevent the loss of innocent lives.

Course Objectives:  
At the end of this course, participants will be able to:  
- Apply individual and team clearing techniques during a tactical movement involving an active shooter,  
- Undertake appropriate planning measures in advance of an active shooter incident using departmental policies as a tool and describe operational and communication needs unique to an active shooter incident,  
- Use emergency breaching tools and techniques during an active shooter incident,  
- Effectively respond to and resolve a practice scenario based on an active shooter incident.

Other Prerequisites:  
- To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).  
- Participants must be US citizens. Additionally, participants of the train-the-trainer course should have prior instructional experience and knowledge of instructional methodology and should have instructor certification by the authority having jurisdiction.  
- It is also recommended that in order to attend the Law Enforcement Active Shooter Emergency Response (LASER) course, participants should have completed the following: Incident Command System (ICS) courses 100, 200, and 700

Primary Core Capability:  
Planning


Mission Areas: Prevent, Respond, Common

Discipline(s): Emergency Management, Law Enforcement

Training Certificates:  
Louisiana State University Certificate of Completion

Course POC:  
Registration Desk  
POC Work Phone: 877-829-8550  
POC Work Email: info@ncbtrt.lsu.edu
**Law Enforcement Active Shooter Emergency Response, Train-the-Trainer**

**Training Provider:** Louisiana State University  
**Delivery Type:** Mobile/Non-Resident  
**Course Level:** Performance  
**Duration (in Hours):** 24.0  
**Duration (in Days):** 3.0

**Continuing Education Units:**  
General: 2.4

**Course Description:**  
The Law Enforcement Active Shooter Emergency Response (LASER) course uses a mixture of classroom presentations, hands-on field training, and practical exercises to enhance the response capabilities of law enforcement officers in order to effectively respond to and stop an active shooter incident. This class aims to provide participants with the knowledge, skills, and abilities to rapidly deploy and neutralize violent offenders during active shooter incidents in order to prevent the loss of innocent lives. In addition, this course aims to teach and instruct others to do the same. The Train-the-Trainer iteration of the LASER course allows participants to become certified course instructors and deliver the course to their co-workers and their organization’s employees.

**Course Objectives:**  
At the end of this course, participants will be able to:

- Apply individual and team clearing techniques during a tactical movement involving an active shooter.
- Undertake appropriate planning measures in advance of an active shooter incident using departmental policies as a tool and describe operational and communication needs unique to an active shooter incident.
- Use emergency breaching tools and techniques during an active shooter incident.
- Effectively respond to and resolve a practice scenario based on an active shooter incident.

**Other Prerequisites:**  
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID). Participants must be US citizens. Additionally, participants of the train-the-trainer course should have prior instructional experience and knowledge of instructional methodology and should have instructor certification by the authority having jurisdiction. It is also recommended that in order to attend the Law Enforcement Active Shooter Emergency Response (LASER) course, participants should have completed the following: Incident Command System (ICS) courses 100, 200, and 700.

**Primary Core Capability:**  
Planning

**Secondary Core Capability(s):** Environmental Response/Health and Safety, Infrastructure Systems, Logistics and Supply Chain Management, Operational Communications, Operational Coordination, Physical Protective Measures, Planning, Public Information and Warning, Situational Assessment

**Mission Areas:** Respond, Common

**Discipline(s):** Law Enforcement

**Training Certificates:**  
Louisiana State University Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 877-829-8550  
POC Work Email: info@ncbtr.lsu.edu
### Law Enforcement Active Shooter Emergency Preparedness, Customized (PER-275-C)

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**Continuing Education Units:**
General: .8

**Course Description:**
This customized course refreshes participants' knowledge of the Law Enforcement Active Shooter Emergency Response course. LASER-C addresses technical aspects of planning and implementing a rapid law enforcement deployment to an active shooter incident. This is achieved through classroom presentations, hands-on performance-based field training, and scenario-based practical exercises.

**Course Objectives:**
At the end of this course, participants will be able to:
- Recall characteristics of active shooter incidents and examine active shooter incidents using case studies,
- Recognize the importance of pre-incident planning and how rapid operational planning and communication can result in more effective response and rapid deployment during an active shooter scenario,
- Identify and describe individual and team clearing techniques,
- Perform individual and team clearing techniques,
- Effectively respond to and resolve an active shooter incident based scenario.

**Other Prerequisites:**
All participants must be local or state law enforcement officers Satisfactory completion of Law Enforcement Active Shooter Emergency Response course.

**Primary Core Capability:**
On-scene Security, Protection, and Law Enforcement

**Secondary Core Capability(s):**
- Environmental Response/Health and Safety
- Infrastructure Systems
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Situational Assessment

**Mission Areas:**
- Respond
- Common

**Discipline(s):**
- Law Enforcement

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
Course Description:
The Tank Car Specialist 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.

Course Objectives:
At the end of this course, participants will be able to:
The Tank Car Specialist (TCS) course is designed to provide participants with the training necessary to analyze and choose the best corrective action for the situation while keeping safety in the forefront.

Participants will be able to analyze the chemical and physical properties of Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) and apply this information appropriately to the applicable areas of the incident. Participants will also learn to analyze how the transportation of HazMat in different types of tank and other railcar designs can impact the outcome of the incident. Participants will also be able to assess how the different closure and safety devices on different tank cars can influence the outcome of the incident.

Participants will demonstrate their proficiency in techniques used to respond to tank car incidents while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area.

Other Prerequisites:
NIMS 100, 200 and 700 are prerequisites to attend the course and the following prerequisites: Successful completion of a HazMat/WMD Awareness level, Operations level, and Technician level courses, based on the Occupational Safety and Health Organization’s (OSHA) Code of Federal Regulations (CFR), Title 29, 1910.120(q), and the National Fire Protection Association’s (NFPA) Standard 472.

Primary Core Capability:
Situational Assessment

Mission Areas: Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Hazardous
NTED
Material, Law Enforcement, Security and Safety, Transportation

Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
Highway Emergency Response Specialist  

**Training Provider:** Transportation Technology Center, Inc.  
**Delivery Type:** Residential

**Course Level:** Performance  
**Duration (in Hours):** 40.0  
**Duration (in Days):** 5.0

**Course Description:**
This curriculum is designed to address specific fundamentals and skills associated with an emergency response at the specialist level to a highway emergency involving HazMat/WMD. The HERS course teaches the technical skills and knowledge required for the safe response to HazMat/WMD incidents involving highway transportation, including cargo tanks, IM containers, and freight vans. Participants will conduct incident site assessments, container damage assessments, and containment of leaking HazMat containers. The HERS course will also provide technical knowledge on methods to conduct product removal and transfer techniques for various Department of Transportation (DOT) containers used in highway transportation. The skills acquired at this specialty course are above and beyond that of a HazMat/WMD technician. This curriculum provides the technical knowledge and extensive hands-on practice on a full-scale scenario-based highway incident that will train the responder to safely mitigate a highway emergency involving HazMat/WMD.

**Course Objectives:**
At the end of this course, participants will be able to:
The curriculum for the Highway Emergency Response Specialist (HERS) course is designed to provide participants with the knowledge and practical skills needed to respond to a highway incident involving HazMat/WMD. Participants will learn to respond properly to emergency incidents involving various modes of highway transportation, including cargo tanks, intermodal (IM) containers, and freight vans. Participants will gain knowledge in the design and construction of these highway containers and also in intermediate bulk containers, cylinders, and other non-bulk packages used to transport HazMat/WMD. Participants will receive technical knowledge and will participate in incident analyses of the HazMat/WMD release, damage assessments of highway containers, and movement and/or up-righting of damaged cargo tanks. Participants will also perform container drilling, transfers and flaring of HazMat/WMD, and including activities to mitigate releases of HazMat/WMD from the various containers used in highway transportation. After receiving the curriculum and participating in the scenario-based incidents, successful participants will be capable of overseeing and performing highway specialist activities in an emergency response to a highway incident involving HazMat/WMD.

**Other Prerequisites:**
NIMS 100, 200 and 700 are prerequisites to attend the course and the following prerequisites: Successful completion of a HazMat/WMD Awareness level, Operations level, and Technician level courses, based on the Occupational Safety and Health Organization’s (OSHA) Code of Federal Regulations (CFR), Title 29, 1910.120(q), and the National Fire Protection Association’s (NFPA) Standard 472.

**Primary Core Capability:**
Situational Assessment

**Secondary Core Capability(s):** Access Control and Identity Verification, Environmental Response/Health and Safety, Intelligence and Information Sharing, Logistics and Supply Chain Management, On-scene Security, Protection, and Law Enforcement, Operational Communications, Operational Coordination, Planning, Screening, Search, and Detection, Situational Assessment
Mission Areas: Prevent
Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion
Course POC:
Registration Desk
POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
Leadership and Management of Surface Transportation Incidents (LMSTI)

Training Provider: Transportation Technology Center, Inc.  
Course Level: Performance
Delivery Type: Residential  
Duration (in Hours): 40.0  
Duration (in Days): 5.0

Course Description:
The curriculum for LMSTI is designed to enhance and advance the participants knowledge that will help them establish effective objectives, strategies, tactics, and decisions when assuming the command and/or general staffing roles that are critical when responding to various modes of surface transportation HazMat/WMD incidents. The curriculum will also augment the participants' knowledge of terrorist and other criminal attacks that could be potentially used against surface transportation. Information on security considerations for facilities and conveyances, target hardening through risk based transportation assessments (to include threat and vulnerability assessments), planning and management of incidents involving IEDs will also be covered in this course. The curriculum is also designed to integrate classroom and intensive hands-on field activities. This combination reinforces newly gained knowledge by placing participants immediately into practical applications in scenario-based incidents using full-scale simulations. The LMSTI course provides situations that will require participants to make decisions impacting the safety of responders and citizens. They will learn to prioritize issues involving breaches or potential catastrophic failures of various containers involved in highway, rail, and intermodal modes of transportation. They will also learn to recognize potential threats from terrorist or criminal activity. The curriculum covers a review of NIMS/ICS documentation and IAPs, chemical protective clothing considerations, decontamination considerations, laws that affect response to HazMat/WMD, Superfund Amendment and Reauthorization Act (SARA) of 1986 referred to also as SARA Title III, and the Emergency Planning Community Right to Know Act. The curriculum also covers site analysis issues, D.E.C.I.D.E. local emergency response processes, the National Response Framework (NRF) and potential federal responses to incidents involving surface transportation.

Course Objectives:
At the end of this course, participants will be able to:
The curriculum for Leadership and Management of Surface Transportation Incidents (LMSTI) course is designed to provide participants with the necessary knowledge and practical skills when assuming the various command and general duty roles that are critical when responding to incidents involving HazMat/WMD in various modes of surface transportation. Participants will be given opportunities to function in various roles in an Incident Command (IC) structure during field exercises where they will manage the incident and modify their decision according to the evolving conditions and challenges presented. The various roles may require that the participants complete the necessary documentation for the incident and that they develop the required Incident Action Plan (IAP). The participants in the LMSTI and HazMat/WMD Technician for Surface Transportation courses will interact in scenario-based incidents during the second week of training for the HazMat/WMD Technicians. As a team, the two groups will respond to and handle these incidents according to their response level. The curriculum will also introduce the participants to preventative measures against terrorist or other criminal attacks involving surface transportation with an emphasis on Improved Explosive Devices (IEDs) and secondary devices. This will include surface transportation threats, vulnerability assessments, target hardening considerations, a brief history of attacks, and identification of IEDs. Management, planning and what to do in an incident involving IEDs will be discussed throughout the module.
Other Prerequisites:
NIMS 100, 200, 300, and 700 are prerequisites to attend the course and the following prerequisites: Successful completion of a HazMat/WMD Awareness level and Operations level courses, based on the Occupational Safety and Health Organization’s (OSHA) Code of Federal Regulations (CFR), Title 29, 1910.120(q), and the National Fire Protection Association’s (NFPA) Standard 472.

Primary Core Capability:
Planning

Secondary Core Capability(s):
Access Control and Identity Verification, Environmental Response/Health and Safety, Intelligence and Information Sharing, Logistics and Supply Chain Management, Long-term Vulnerability Reduction, On-scene Security, Protection, and Law Enforcement, Operational Communications, Operational Coordination, Planning, Public Information and Warning, Risk and Disaster Resilience Assessment, Screening, Search, and Detection, Situational Assessment, Threats and Hazard Identification

Mission Areas:
Respond

Discipline(s):

Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
HazMat/WMD Technician for Surface Transportation (HWMDTST)

Training Provider: Transportation Technology Center, Inc.
Delivery Type: Residential

Course Level: Performance
Duration (in Hours): 80.0
Duration (in Days): 10.0

Course Description:
HWMDTST course goal is to provide participants with the training necessary to analyze and chose the best corrective action while maintaining safety. Participants will be able to analyze the chemical and physical properties of HazMat/WMD and apply this information to the appropriately to the applicable areas of an incident. Participants will be able to analyze how HazMat/WMD being transported in various surface transportation containers will impact the outcome of an incident. HWMDTST course provides technical information and includes extensive hands-on practice of actions and full-scale to simulate HazMat/WMD surface transportation incidents. Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area.

Course Objectives:
At the end of this course, participants will be able to:
HazMat/WMD Technician for Surface Transportation (HWMDTST) course will provide the basic information for an Operations trained participant to move to an offensive level in the training process. Participants will successfully respond to a number of scenario-based incidents and perform risk/hazard analysis, site assessment, work within National Incident Management System (NIMS)-Incident Command System (ICS), operate, with competency, in the prescribed level of protection, use and interpret monitoring equipment, perform offensive corrective actions, perform decontamination procedures, write and/or have input into the development of reports, identify safety devices, valves, and container types for rail, intermodal, pipeline, fixed facilities, highway, and water vessels used to carry HazMat/WMD.

Other Prerequisites:
NIMS 100, 200 and 700 are prerequisites to attend the course and the following prerequisites: Successful completion of a HazMat/WMD Awareness level and Operations level courses, based on the Occupational Safety and Health Organization’s (OSHA) Code of Federal Regulations (CFR), Title 29, 1910.120(q), and the National Fire Protection Association’s (NFPA) Standard 472.

Primary Core Capability:
Situational Assessment

Secondary Core Capability(s): Access Control and Identity Verification, Environmental Response/Health and Safety, Intelligence and Information Sharing, Logistics and Supply Chain Management, On-scene Security, Protection, and Law Enforcement, Operational Communications, Operational Coordination, Planning, Public Information and Warning, Screening, Search, and Detection, Situational Assessment

Mission Areas: Prevent, Protect, Respond


Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
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**Course Description:**

This eight-hour performance-level course has been designed with a proactive approach to testing rural communities' Emergency Operations Plans (EOP) in an Emergency Operations Center (EOC) environment. The course provides relevant and valuable training to elected officials, EOC personnel, and rural community leaders. Participants are provided with opportunities to exchange perceptions and best practices while interacting with participants from responder organizations, public/private sector organizations, as well as other EOC personnel.

**Course Objectives:**

At the end of this course, participants will be able to:

- Articulate the value of exercising an EOP.
- List rural planning and testing challenges.
- Describe the Homeland Security Exercise and Evaluation Program (HSEEP) and state how this course aligns with it.
- Define capabilities-based planning and its relevance to designing and developing effective exercises.
- List the aspects of EOC staffing and organization that need to be tested.
- Understand the importance of an EOC's primary roles in relation to testing and responding to an incident.
- Discuss EOC staffing models and aspects of the model that can be tested.
- Identify EOC equipment that needs to be tested for functionality and staff proficiency.
- Restate the importance of testing communications equipment for interoperability and redundancy.
- State the importance of testing procedures for activating and de-activating EOCs.
- List seven exercise types that can be used to test an EOP.
- Describe seven exercise types on the basis of purpose, type of player action, duration, real-time play, and scope.
- Compare and contrast operations- and discussion-based exercises.
- Describe the steps involved in designing, developing, and evaluating an exercise.
- Determine an optimal design and scope for an exercise using a pre-created worksheet.
- Develop an exercise to include objectives, a narrative, a list of detailed events, messages, and a list of expected outcomes using a pre-created worksheet.
- Evaluate the effectiveness of an exercise using specific criteria/checklist.
- Demonstrate problem-solving techniques, coordinate resources, and employ EOC operating procedures during EOC response to a simulated emergency.
- Use a checklist to ascertain the comprehensiveness of an EOP.
- Conduct/participate in an internal Hot Wash as a means of self-evaluation.
- Evaluate the effectiveness of an EOP by comparing actions taken and resources employed during the scenario to those anticipated in the EOP.

**Other Prerequisites:**

- Must be a US citizen.
- IS 100.B Introduction to ICS.
- IS 700.A National Incident Management System (NIMS), An Introduction.
- IS 701 NIMS Multiagency Coordination System.

**Primary Core Capability:**

Planning

**Secondary Core Capability(s):** Critical Transportation, Infrastructure Systems, Mass Care Services, Operational Coordination, Physical Protective Measures, Public Information and Warning, Situational Assessment

**Mission Areas:** Common

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Governmental
NTED
Administrative, Health Care, Law Enforcement, Public Health, Public Safety Communications, Public Works

Training Certificates:
Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:
Jason Mullins
POC Work Phone: 606-677-6000
POC Work Email: jmullins@centertech.com

Course Details Link: [https://www.ruraltraining.org.training/schedule](https://www.ruraltraining.org.training/schedule)
Team Approach to Foodborne Outbreak Response

Training Provider: Louisiana State University
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 16.0
Duration (in Days): 2.0
Continuing Education Units:
General: 1.6

Course Description:
This instructor-led 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, as it identifies how the skills, resources, and expertise of all levels of government can be coordinated within an integrated national food system. Knowing how and when to engage the expertise of these specialists can save time during investigations, which can mean fewer illnesses and deaths. This course provides strategies for leveraging resources at all levels of government, as well as food industry subject matter experts, to build investigation and response capabilities. Overall, this course will help these entities function as a team during a foodborne outbreak response.

Course Objectives:
At the end of this course, participants will be able to:
- Navigate a foodborne outbreak response by considering how foodborne illness originates and how it negatively affects the United States,
- Contribute to the function of an effective foodborne outbreak response team
- Examine strategies to effectively use surveillance data from multiple disciplines as a trigger to initiate a foodborne outbreak investigation,
- Identify the tools and activities used by epidemiology during a foodborne outbreak investigation,
- Review laboratory requirements for testing specimens and samples and discuss procedures for testing samples submitted during a foodborne illness investigation,
- Review the tools and activities used by the environmental health discipline during a foodborne outbreak investigation,
- Review the progression of an outbreak and identify when the response needs to expand to include local, state, or federal partners,
- Examine potential barriers to effective foodborne outbreak response and strategies to overcome those barriers,
- Share and apply lessons learned regarding foodborne outbreak response

Other Prerequisites:
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID). Course participants must have knowledge appropriate to their discipline with respect to foodborne disease outbreaks and, ideally, at the Journeyman level, with two or more years of practical experience. It is preferable that participants have awareness-level knowledge of the food supply chain and associated vulnerabilities; the types of incidents, threat agents, and available vulnerability assessment tools associated with a food defense incident; information-sharing networks at the federal, state, and local levels; roles and authorities of federal agencies and industry during a post-harvest food incident; food surveillance, epidemiological investigation, and response efforts; basic principles associated with the National Incident Management System (NIMS) and the Incident Command System (ICS); and the key activities of an active Emergency Operations Center (EOC). In addition, ICS 100, 200, 700, and 800 are highly recommended.

Primary Core Capability:
Screening, Search, and Detection


Mission Areas: Protect

Discipline(s): Agriculture, Health Care, Other, Public Health, Public Works

Training Certificates:
Louisiana State University Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbdt.lsu.edu
Personal Radiation Detector (PRD) Refresher

Training Provider: Counterterrorism Operations Support
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 4.0
Duration (in Days): 0.5

Continuing Education Units:
General: 1

Course Description:
The Personal Radiation Detector (PRD) Refresher course provides primary screeners with a review of material previously presented in the instructor led PRD course. The course emphasizes lessons of crucial importance providing information on the employment and use of a PRD during the initial detection of radioactive/nuclear materials in different scenarios. The course is divided into modules covering basic operational information and skills necessary to use the PRD in a variety of settings, radiation fundamentals, and Federal legal guidance.

Course Objectives:
At the end of this course, participants will be able to:
T.O. Given the information presented in this module, the participant will identify the properties of radiation and radiological/nuclear material as it applies to primary screeners and the interdiction mission., E.O. Using applicable local SOPs and industry standards, be able to identify the Safety Alarm threshold to alert user when designated turnback radiation levels have been reached., E.O. The participant shall be able to list the elements of a typical PRD pre-operations checklist as demonstrated in this training course., E.O. Discuss instrument specific PRD behavior., T.O. Given the guidance presented in this module through scenarios and video clips, the participant will list the recommended procedures for operating the PRD in the field., E.O. Determine the response to PRD alarms as they relate to facilities, people, packages, and vehicles., E.O. Review the steps of the ARG with the PRD., T.O. Given the scenarios presented in this module, the participant will select the appropriate response to PRD alarms on facilities, people, packages, and vehicles., T.O. Given the federal guidance presented in this module, the participant will identify legal considerations when using a PRD for radiological/nuclear detection missions., E.O. Review the Fourth Amendment rights and how they affect the use of PRDs during radiological/nuclear detection missions., E.O. Review the term “search” as it relates to 4th Amendment during radiological/nuclear detection missions., E.O. Review assumptions and legal considerations during radiological/nuclear detection missions.

Other Prerequisites:
- PER-243 Personal Radiation Detector Course and AWR-140 WMD Rad/Nuc Awareness

Primary Core Capability:
Screening, Search, and Detection

Secondary Core Capability(s): Interdiction and Disruption, Screening, Search, and Detection

Mission Areas: Prevent, Protect

Discipline(s): Fire Service, Law Enforcement

Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
Primary Screener/Personal Radiation Detector (PRD) Refresher Train-the-Trainer

Training Provider: Counterterrorism Operations Support
Delivery Type: Mobile/Non-Resident

Course Description:
Primary Screener/Personal Radiation Detector (PRD) Refresher Train-the-Trainer (PER-300-1), prepares trainers to deliver the Primary Screener/Personal Radiation Detector (PRD) Refresher (PER-300) course. The Primary Screener/Personal Radiation Detector (PRD) Refresher Course reviews basic operation and employment of the PRD. The PER-300-1 focuses on the delivery of the course, including class preparation, completion of course paperwork, notes and delivery tips. CTOS instructors will also provide additional information on course content and review of all course material.

Course Objectives:
At the end of this course, participants will be able to:

Module 1: Requirements for Indirect Course Instruction

Terminal Learning Objective - Given the training in this module, Participants will be able to apply administrative requirements to indirect course delivery of the Primary Screener/Personal Radiation Detector (PRD) Refresher (PER-300) course.

Enabling Learning Objectives:
1.1 - Identify the qualifications and obligations of the Indirect Instructor.
1.2 - Summarize the pre-course coordination requirements.
1.3 - List the administrative requirements for delivering an indirect training course.

Module 2: Primary Screener/Personal Radiation Detector (PRD) Refresher (PER-300) Facilitated Review

Terminal Learning Objective – Upon completion of this module, Participants will identify the intent and key concepts for each module in the Primary Screener/Personal Radiation Detector (PRD) Refresher (PER-300) course.

Enabling Learning Objectives:
2.1 - Describe the Instructor Guide structure.
2.2 - Describe the instructional content of Module 1: Preventive Radiological/Nuclear Detection (PRND) Core Elements.
2.3 - Describe the instructional content of Module 2: Primary Screener and the Alarm Response Guide (ARG).
2.4 - Describe the instructional content of Module 3: Review of Personal Radiation Detector (PRD) Operations and Employment.

Other Prerequisites:
Candidates shall meet the following prerequisites:: Nominated by their agency· Must present instructor credentials, to include an instructional methodology course certified and recognized by their State or Local agencies· Must have successfully completed the Primary Screener/Personal Radiation Detector (PRD) Refresher (PER-300)

Primary Core Capability:
Screening, Search, and Detection

Secondary Core Capability(s): Threats and Hazard Identification

Mission Areas: Prevent

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Hazardous Material, Health Care, Law Enforcement, Other, Public Health, Public Works, Search & Rescue,
NTED
Security and Safety

**Training Certificates:**
Counterterrorism Operations Support Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosmttreg@nv.doe.gov
**Personal Radiation Detector (PRD) Refresher, Web-Based**  
PER-300-W

**Training Provider:** Counterterrorism Operations Support  
**Delivery Type:** Online/Distance Learning

**Course Level:** Performance  
**Duration (in Hours):** 1.5  
**Duration (in Days):** 0.0

**Course Description:**
The Personal Radiation Detector (PRD) Refresher course provides primary screeners with a review of material previously presented in the instructor led PRD course. The course emphasizes lessons of crucial importance providing information on the employment and use of a PRD during the initial detection of radioactive materials in different scenarios. The course is divided into modules covering basic operational information and skills necessary to use the PRD in a variety of settings, radiation fundamentals, and Federal legal guidance.

**Course Objectives:**
At the end of this course, participants will be able to:
- Given the information presented in this module, the participant will identify the properties of radiation and radiological/nuclear material as it applies to primary screeners and the interdiction mission.
- Given the guidance presented in this module through scenarios and video clips, the participant will list the recommended procedures for operating the PRD in the field.
- Given the scenarios presented in this module, the participant will select the appropriate response to PRD alarms on facilities, people, packages, and vehicles.
- Given the federal guidance presented in this module, the participant will identify legal considerations when using a PRD for radiological/nuclear missions.

**Other Prerequisites:**
- PER-242 Personal Radiation Detector Course
- AWR-140 WMD Rad/Nuc Awareness
- Verifiable training or skills equivalent to the PER-243 and AWR-140

**Primary Core Capability:**
Screening, Search, and Detection

**Secondary Core Capability(s):** Interdiction and Disruption, Screening, Search, and Detection

**Mission Areas:** Prevent

** Discipline(s):** Fire Service, Law Enforcement

**Training Certificates:**
Counterterrorism Operations Support Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 702-963-2867
POC Work Email: ctosreg@nv.doe.gov
Social Media for Natural Disaster Response and Recovery

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Course Level: Performance
Delivery Type: Mobile/Non-Resident
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
IACET: .6

Course Description:
This course enhances the participants’ abilities to build up an organization’s communication strategy for disaster preparedness, response and recovery. The course will provide participants with the knowledge and skills of social media and its uses, and the current tools, methods, and models to properly make use of social media for crisis communication.

Participants will take part in facilitator-led activities that challenge them to identify effective social media platforms for their organizations to utilize during crises situations. In these activities, participants apply their knowledge with the presented material to actual disaster preparedness, response, and recovery issues. Through the use of social media tools, participants will learn and master skills to disseminate information and monitor, track, measure, and analyze social media traffic. Participants will be able to use social media as a method to identify warning signs that a crisis is developing.

The usage of social media for disaster preparedness has two components:
1) As effective means for providing updated information about a crisis, proactive steps must be taken prior to disasters in order for effective communications to occur.
2) As a part of crisis observation, managers should be monitoring social media platforms and channels that may be relevant to their organization.

Course Objectives:
At the end of this course, participants will be able to:
Describe the social media ecosystem,
Identify actions to implement social media for disaster management,
Implement specific social media platforms to increase the effectiveness of a disaster media plan and to build geo-focused social media emergency management networks,
Create a Facebook account and utilize the functions of Facebook account concepts, functions and applications,
Apply knowledge of social messaging strategies via a hands-on Twitter tutorial,
Identify and utilize tools that assist in data mapping and organization from social media applications to better serve stakeholders and partners,
Complete a post-test and course evaluation

Other Prerequisites:
None

Primary Core Capability:
Operational Communications

Secondary Core Capability(s): Community Resilience, Public Information and Warning, Situational Assessment

Mission Areas: Prevent, Respond, Common

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Information Technology, Law Enforcement, Other, Public Works, Security and Safety, Transportation

Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

NTED
- 229 -
Course POC:
Registration Desk
POC Work Phone: 808-725-5220
POC Work Email: ndptc-training@lists.hawaii.edu
Introduction to Improvised Nuclear Device (IND) Effects and Response Strategies

Training Provider: Counterterrorism Operations Support
Delivery Type: Online/Distance Learning

Course Level: Performance
Duration (in Hours): 3.0
Duration (in Days): 0.0

Continuing Education Units:
General: 1

Course Description:
This web-based training course provides an overview of the expected effects and impacts of a detonation of an Improvised Nuclear Device (IND) in a major U.S. city. It also provides an overview of the current preplanning guidance and response strategy recommendations to maximize the preservation of life in an urban nuclear detonation of this magnitude. The course provides first responders, leaders, emergency planners, and support personnel with nuclear detonation specific response guidance, such as recognition, immediate actions, response planning damage zones, fallout/radiation hazards, and shelter and evacuation strategies. This course forms the foundation for additional courses in IND response operations, management, and planning.

Course Objectives:
At the end of this course, participants will be able to:
- Identify critical elements and gaps in planning a response to an IND detonation.
- Identify two misconceptions that may hinder response actions.
- Select the Leader that will be responsible for immediate critical decisions.
- Select three immediate decisions that must be made following a detonation.
- Select the graphic that best depicts a possible fallout zone for a 10KT IND detonation.
- Select the identifiers of an IND detonation and the main elements of each damage zone.
- Identify at least four factors in recognizing an IND detonation.
- Identify prompt effects.
- Identify damage zones.
- Match detonation effects to a damage zone.
- Match description to the use of modeling capabilities.
- Identify five different zones and state safety considerations for an IND response plan.
- Select the correct statement on how fallout is created.
- Select the main hazard from fallout.
- Identify the main factor in determining direction of fallout.
- Identify the safe locations(s) inside the Hot Zone and Dangerous Fallout Zone.
- Given a situation, determine the next lifesaving action.
- Identify the effective sheltering and evacuation considerations and identify why cascading effects multiply the dangers and impede response efforts.
- Identify characteristics of adequate shelter.
- Select the lowest Protection Factor that qualifies as adequate shelter.
- Select an effective self-decontamination technique.
- Select the purpose of an informed evacuation.
- Identify the best public safety strategy.
- Identify the best first responder safety strategy.
- Identify options for communication.
- Identify the zone where life-saving response operations should be focused.
- Given an overview of PPD-8 and its components, locate the applicable documents and reference.
- Given an overview of Lessons Learned from the Response to Hurricane Katrina, recognize the hindrances that impeded response operations.

Other Prerequisites:
Primary Core Capability:
Situational Assessment

Mission Areas: Respond


Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov
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**Course Description:**
The PRND Team Operations course provides Team Operators with the ability to perform multiple
tasks typically performed during PRND missions including, chokepoints and checkpoints, wide
area and facility sweeps. Additional material covers the Global Nuclear Detection Architecture,
radiation fundamentals pertaining to team operators, and equipment selection and preparation.

**Course Objectives:**
At the end of this course, participants will be able to:
Describe internationaonal and doomestic radiological/nuclear threats, Differentiate between the
primary radiological/nuclear Weapons of Mass Destruction(WMD) device types, Identify the three
geographical layers of the Global Nuclear Detection Architecture (GNDA)

**Prerequisite(s):**
Personal Radiation Detector Course (PRD) PER-243 (PER-243), Preventive
Radiological/Nuclear Detection (PRND) Secondary Screener/RIID (PER-245)

**Primary Core Capability:**
Screening, Search, and Detection

**Secondary Core Capability(s):** Operational Communications, Operational Coordination, Planning,
Situational Assessment

**Mission Areas:** Protect

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Hazardous
Material, Health Care, Law Enforcement, Public Health, Public Safety Communications, Public
Works

**Training Certificates:**
Counterterrorism Operations Support Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosreg@nv.doe.gov

**Course Details Link:** www.ctosnnsa.org
## Personal Protective Measures for Biological Events

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### Continuing Education Units:
- General: 8

### Course Description:
The Personal Protective Measures for Biological Events course is a 1-day, 8-hour course which includes an overview of the bio-threat, demonstrations of proper donning and doffing of personal protective equipment, and technical decontamination protocols. The course will also provide the learners with activities that include agility drills and practice skill sessions that include donning and doffing of PPE using the buddy system. The course will culminate with the learner's demonstrating the donning and doffing of PPE in a technical decontamination exercise that will include a self-assessment and instructor performance checklist with feedback.

### Course Objectives:
At the end of this course, participants will be able to:
- Given examples of biological agents, identify general characteristics of biological agents in accordance with Janes Chem-Bio Handbook and the Centers for Disease Control and Prevention.
- Given a requirement, identify personal protective equipment requirements in accordance with the National Institute for Occupational Safety and Health and the Occupational Safety and Health Administration.
- Given a PPE Level C ensemble, identify components and characteristics of personal protective equipment level C in accordance with the Occupational Safety and Health Administration (OSHA) and the Centers for Disease Control and Prevention (CDC).
- Given a Personal Protective Equipment Level C ensemble don and doff personal protective equipment Level C in accordance with Occupational Safety and Health Administration and the Centers for Disease Control and Prevention.
- Given an incident, identify decontamination types in accordance with Guidelines for Mass Casualty Decontamination during a HAZMAT/Weapon of Mass Destruction Incident volumes I and II and the OSHA.
- Given a Personal Protective Equipment Level C ensemble, don and doff personal protective equipment using technical decontamination procedures in accordance with manufacturers specifications.

### Primary Core Capability:
- Environmental Response/Health and Safety

### Secondary Core Capability(s):
- Community Resilience
- Logistics and Supply Chain Management
- Mass Care Services
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Physical Protective Measures
- Public Health
- Healthcare and Emergency Medical Services
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

### Mission Areas:
- Respond

### Discipline(s):
- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health

### Training Certificates:
Center for Domestic Preparedness Certificate of Completion

### Course POC:
Michael Aguilar
POC Work Phone: 256-231-0106
POC Work Email: Michael.aguilar@fema.dhs.gov
Surface Transportation Emergency Preparedness and Security for Freight by Rail or Highway (STEPS Freight)  

Training Provider: Transportation Technology Center, Inc.  
Course Level: Performance  
Delivery Type: Mobile/Non-Resident  
Duration (in Hours): 16.0  
Duration (in Days): 2.0

Course Description:  
The Surface Transportation Emergency Preparedness and Security for Freight by Rail or Highway (STEPS-Freight) course goal is to provide participants with the training necessary to identify the roles and responsibilities of preparedness, prevention, and response to emergencies involving surface transportation freight and passenger systems. Participants will be able to identify the hazards of Hazardous Material/ Weapons of Mass Destruction (HazMat/WMD/IEDs and apply this information to the appropriately to the applicable areas of an incident. Participants will gain familiarity with NIMS/NRF in order prioritize organizational management needs, resource allocation, evacuation strategies and response operations. Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area and address the priorities of the National Preparedness Guidelines and Target Capabilities List to include Mission Areas such as Communications, Planning, Risk Management, CBRNE Detection, Critical Infrastructure Protection, On-site Incident Management, Responder Safety and Health, Citizen Evacuation and Shelter-in-Place, and others.

Course Objectives:  
At the end of this course, participants will be able to:  
Participants will be able to recognize the hazards and risks posed by historical HazMat/WMD and terrorist incidents to freight transportation by rail or highway systems, with special emphasis on improvised explosive devices (IEDs)., Participants will be able to incorporate planning, incident management, and response procedures into freight transportation by rail or highway facility operations that are consistent with national directives for interagency operability., Participants will be able to recognize the components of a coordinated vulnerability and threat assessment, based upon a comprehensive hazard and risk analysis, with emphasis on HazMat/WMD and IEDs in freight transportation by rail or highway infrastructure., Understand the application of this process in identifying needs for addressing facility hardening and security., Participants will be able to identify the components of effective emergency operations plans, organizational standard operating procedures and strategies. The strategies take into account the available resources and response plans of partner agencies and organizations in order to facilitate an organized emergency response to HazMat/WMD and IED incidents at freight transportation by rail or highway facilities., Participants will be able to relate the importance collaborating with other public safety agencies and private sector organizations to plan for, prevent, train and respond to HazMat/WMD and IED incidents at a freight transportation by rail or highway facility., Safely and effectively implement and manage a coordinated emergency response to a HazMat/WMD incident with special emphasis on IEDs, within a freight transportation by rail or highway system.

Other Prerequisites:  
Participants should have responsibility for the management or security or either facilities or jurisdictions impacted by local, regional, or interstate trucking and/or rail freight traffic. There are no specific course prerequisites, however, participants are strongly encouraged to complete incident management courses IS 100, IS 200, and IS700 before attending this course.

Primary Core Capability:  
Planning

Mission Areas: Respond


Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion

Course POC:
Registration Desk

POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
Course Description:
This course is designed to address specific fundamental skills associated with an emergency response to incidents involving crude oil. As such, it provides detailed technical information, including hands-on practice of actions and responding to a scenario-based Crude Oil derailment incident. Crude Oil by Rail covers the basic knowledge and technical skills required to successfully respond to incidents involving both fire and spills during a derailment. Primarily, the participant will participate in a classroom session that will discuss the basic response information necessary for first responders. Participants will then observe a boil-over and foam demonstration. Lastly, the participant will participate in a derailment scenario where they will; conduct a site assessment of the scene, product identification, basic damage assessment, and tactical control of the incident.

Course Objectives:
At the end of this course, participants will be able to:
The Crude by Rail course goal is to provide participants with the training necessary to analyze and chose the best actions while maintaining safety during an in incident involving Crude Oil being transported via rail., The Participants will be able to analyze an incident based on the information provided throughout the course including the chemical and physical properties of Crude and the type and design of the rail tank cars and how they will impact the outcome of an incident. The Crude by Rail course provides includes extensive hands-on practice of actions and full-scale to simulate Crude by Rail incidents., Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area.

Other Prerequisites:
Firefighter I or Equivalent, Hazardous Materials Operations (HMFRO)

Primary Core Capability:
Physical Protective Measures

Mission Areas: Mitigation

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Hazardous Material

Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
The Surface Transportation Emergency Preparedness and Security for Mass Transit and Passenger Rail (STEPS-PT)

PER-330

Training Provider: Transportation Technology Center, Inc.
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 16.0
Duration (in Days): 2.0

Course Description:
This course will provide information to allow participants to conduct threat assessments and identify vulnerabilities within state, local, and tribal jurisdictions as they relate to mass transit and passenger rail systems. Participants will be able to recognize and prioritize passenger transportation facilities and conveyances hardening in order to prevent and protect them against identified threats involving Hazardous Material/Weapons of Mass Destruction (HazMat/WMD), and especially IEDs. As part of the National Priorities outlined in the Nation Preparedness Guidelines through the National Incident Management System (NIMS) with concurrence with the National Response Framework (NRF) efforts, participants will be able to implement security and response management plans, implement procedures on interagency communication, incident command, evacuation planning and national response resource needs and notification. Roles and responsibilities of both public and private sector will be highlighted as protection resources and response partners. Participants will demonstrate proper utilization the NIMS/NRF to prioritize organizational immediate actions and response operations.

Course Objectives:
At the end of this course, participants will be able to:

The Surface Transportation Emergency Preparedness and Security for Mass Transit and Passenger Rail (STEPS-PT) course goal is to provide participants with the training necessary to identify the roles and responsibilities of preparedness, prevention, and response to emergencies involving passenger surface transportation systems. Participants will be able to identify the hazards of Hazardous Material/Weapons of Mass Destruction (HazMat/WMD) (to include special emphasis counter improvised explosive devices (IED)) and apply this information to the applicable areas of a passenger transportation incident. Participants will gain familiarization with NIMS/NRF in order prioritize organizational management needs, resource allocation, evacuation strategies and response operations. Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area.

Other Prerequisites:
Participants should have some responsibility for the management or security of either facilities or jurisdictions in which mass transit or passenger rail systems are present. There are no specific course prerequisites; however, participants are strongly encouraged to complete incident management courses IS100, IS200, and IS700 online at www.nimsonline.com before attending this course.

Primary Core Capability:
Critical Transportation

Secondary Core Capability(s): Access Control and Identity Verification, Intelligence and Information Sharing, Logistics and Supply Chain Management, Long-term Vulnerability Reduction, On-scene Security, Protection, and Law Enforcement, Operational Coordination, Planning, Situational Assessment, Threats and Hazard Identification

Mission Areas: Respond

Discipline(s): Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Law Enforcement, Public Safety Communications, Search &
NTED
Rescue, Security and Safety, Transportation

Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
**Course Description:**
This course provides an introduction to the roles and responsibilities of preparedness, prevention, and response to emergencies involving surface transportation freight and passenger systems. Participants will be introduced to 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 according to the National Response Framework (NRF) in an incident. This course will provide information on how to identify threats and vulnerabilities of freight and passenger system operations within their jurisdictions/organizations, to recognize and prioritize the importance of facility and conveyance hardening, to gain familiarization with the National Incident Management System (NIMS)/National Response Framework (NRF) to prioritize organizational immediate actions and response operations, and to develop and apply management/planning tools for counter Improvised Explosive Devices (IED) operations and evacuations.

**Course Objectives:**
At the end of this course, participants will be able to:

- **Surface Transportation Emergency Preparedness and Security for Senior Officials or Administrators (STEPS Sr.)** course goal is to provide participants with the training necessary to identify the roles and responsibilities of preparedness, prevention, and response to emergencies involving surface transportation freight and passenger systems. Participants will be able to identify the hazards of Hazardous Material/Weapons of Mass Destruction (HazMat/WMD) (to include special emphasis counter improvised explosive devices (IED)) and apply this information to the applicable areas of an incident. Participants will gain familiarization with NIMS/NRF in order prioritize organizational management needs, resource allocation, evacuation strategies and response operations. Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area.

**Other Prerequisites:**
Participants should hold elected or executive official level positions in public or private agencies or organizations that would have involvement in emergency preparedness. There are no specific course prerequisites, however it is strongly recommended that all participants be certified in FEMA’s incident management courses NIMS IS100, IS200, and IS700.

**Primary Core Capability:**
Critical Transportation

**Secondary Core Capability(s):** Intelligence and Information Sharing, Logistics and Supply Chain Management, Long-term Vulnerability Reduction, On-scene Security, Protection, and Law Enforcement, Operational Coordination, Planning, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Protect


**Training Certificates:**
Transportation Technology Center, Inc. Certificate of Completion
Course POC:
Registration Desk
POC Work Phone: 719-584-0584
POC Work Email: SERTC@aar.com
Population Monitoring at Community Reception Centers

Training Provider: Counterterrorism Operations Support
Delivery Type: Mobile/Non-Resident

Course Level: Performance
Duration (in Hours): 8.0
Duration (in Days): 1.0

Course Description:
The Population Monitoring at Community Reception Centers course is designed to provide the first responder and Community Reception Center (CRC) personnel with the individual skills needed to operate monitoring stations within the Community Reception Center (CRC) - or, similar reception centers – to perform population monitoring and contamination reduction measures after a radiological or nuclear incident.

Course Objectives:
At the end of this course, participants will be able to:
TLO #1: Upon completion of this module, Participants will describe the purpose and the components of a CRC in radiological/nuclear incident., TLO #2: Upon completion of this module, Participants will be:
Familiar with basic radiation concepts.
Able to distinguish between various radiation detection and measuring devices.
Able to recall three survey techniques., TLO #3: Upon completion of this module, Participants will be able to:
Identify PPE.
Demonstrate donning and doffing procedures.
Discuss decontamination procedures at a CRC in a radiological/nuclear incident., TLO #4: Upon completion of this module, Participants will demonstrate contamination survey techniques performed during CRC operations.

Other Prerequisites:
No prerequisite is required to successfully complete this training. It would benefit the participant if they possess basic knowledge of radiation and familiarity with their jurisdiction’s radiation equipment.

Primary Core Capability:
Environmental Response/Health and Safety

Mission Areas: Respond


Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-693-2867
POC Work Email: ctosreg@nv.doe.gov
POC Information: Name: Registration DeskE-mail Address: ctosreg@nv.doe.gov Telephone Number: 877-963-2867*Registration Contact: ctosnnsa.org
Isolation and Quarantine Response Strategies in the Event of a Biological Disease Outbreak in Tribal Nations

**Training Provider:** Rural Domestic Preparedness Consortium  
**Delivery Type:** Mobile/Non-Resident

**Course Level:** Performance  
**Duration (in Hours):** 16.0  
**Duration (in Days):** 2.0

**Course Description:**
This course provides Tribal nations with the knowledge, skills and abilities necessary to effectively detect, respond to, and mitigate a disease outbreak, using a whole community approach. The course addresses the challenges that Tribal nations face in responding to a disease outbreak and focuses on a zoonotic disease outbreak response. A zoonotic disease is a disease that can be transmitted between animals (e.g., livestock, poultry, and wildlife) and humans. In Tribal communities, many opportunities for human-animal interaction exist on a daily basis, especially with livestock and poultry. In the case of influenzas, swine and poultry can be key reservoirs of the virus with possible transmission to humans. This interaction, potential exposure and infection route creates unique epidemiological challenges for public health, emergency management and agricultural agencies in Tribal communities. Isolation and quarantine strategies must be put in place not only for the affected human population, but also for the animal populations to limit spread of the disease. Utilizing a whole-community approach provides a foundation to incorporate all available community resources in the response effort. The target audience is Tribal community representatives and officials from emergency management, public health, law enforcement, fire, cooperative extension, medical services, environmental health, veterinarians and other animal health professionals.

**Course Objectives:**
At the end of this course, participants will be able to:

- Describe a whole community response to a biological disease outbreak and identify key biological threats faced by Tribal communities;
- Identify how local, Tribal, state, and federal resources can be utilized in supporting biological disease outbreak response strategies in Tribal communities;
- Identify the steps involved in applying community-wide isolation and quarantine in the event of a biological disease outbreak;
- Describe the steps necessary to maintain responder safety in the event of a biological disease outbreak in a Tribal community; and,
- Demonstrate the knowledge and skills necessary to safely respond to a biological disease outbreak in a Tribal community.

**Practical Exercise Statement**

Present a realistic biological threat for the community in the form of a video scenario.

Divide into groups and have them identify the response actions needed to protect their community from this threat (e.g. isolation and quarantine measures, etc.)
Each group will determine what resources their community will need to address the zoonotic threat (e.g. proper Personal Protective Equipment (PPE), responder safety plans, etc.).

From the list of resources needed, groups will identify those resources that already exist within their community.

For those resources that don't already exist within their community, they will brainstorm where and how they can reach out to/collaborate with others.

Develop an action plan for after the training to implement any desired next steps.

**Primary Core Capability:**
Environmental Response/Health and Safety

**Mission Areas:** Common


**Training Certificates:**
Rural Domestic Preparedness Consortium Certificate of Completion

**Course POC:**
Registration Desk
POC Work Phone: 877-855-7372
POC Work Email: helpdesk@ruraltraining.org

**Course Details Link:** [www.ruraltraining.org](http://www.ruraltraining.org)
Search and Rescue in Community Disasters  

**Training Provider:** Texas Engineering Extension Service  
**Delivery Type:** Mobile/Non-Resident

**Course Level:** Performance  
**Duration (in Hours):** 12.0  
**Duration (in Days):** 1.5

Continuing Education Units:  
General: 1.2

**Course Description:**  
The Search and Rescue in Community Disasters course is designed to provide training for community members to safely conduct search and light rescue response to aid their family and neighbors in the immediate aftermath of a natural catastrophe, technological accident, or human-caused incidents. The course is intended for members of the whole community and draws on information and lessons learned from a variety of disaster incidents such as hurricanes, tornados, and man-made events for discussion points. Hands-on training is used to demonstrate best practices for effective search and light rescue, which can be used in both residential and commercial environments.

**Course Objectives:**  
At the end of this course, participants will be able to:  
Develop a mindset enabling citizens to prepare, act and survive in a disaster involving their community, Use survival strategies to rescue and care for themselves, their families and pets during and in the immediate aftermath of an event, Provide assistance in the search, light rescue, care and safety of neighbors

**Primary Core Capability:**  
Community Resilience

**Secondary Core Capability(s):** Planning, Situational Assessment

**Mission Areas:** Protect, Respond, Common, Mitigation


**Training Certificates:**  
Texas Engineering Extension Service Certificate of Completion

**Course POC:**  
Susann Brown
POC Work Phone: 855-245-1614  
POC Work Email: susann.brown@teex.tamu.edu
**Critical Decision Making for Complex Coordinated Attacks**

**Training Provider:** Louisiana State University  
**Course Level:** Performance  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 16.0  
**Duration (in Days):** 2.0

**Course Description:**
This course provides first responders from multiple disciplines with skills to manage the initial response to a large-scale attack in a chaotic environment during a complex coordinated attack (CCA). It aims to train responders in how to use intuitive skills such as observation, analysis, anticipation, and awareness to recognize the possibility of an attack involving multiple incidents of an extreme magnitude that inundate resources, exceed conventional tactics and strategies, and often require a joint response involving members from multiple disciplines and jurisdictions. Topics for discussion include recognizing the characteristics of a potential CCA; coordinating and integrating the response of multiple disciplines and agencies; managing resources; using information gathering and sharing to develop awareness; and solving problems using creative thinking. Participants will learn to gather and disseminate critical information accordingly in order to facilitate rapid analysis. They will also learn to recognize and prevent potential response obstacles or risks to safety including self-deployment and over convergence of assets. Participants will apply the skills learned in Critical Decision Making for Complex Coordinated Attacks through interactive activities, facilitated discussion, and practical application in a training environment.

**Course Objectives:**
At the end of this course, participants will be able to:
- Apply characteristics and indicators of a complex coordinated attack to an evolving incident to recognize if the incident may be a complex coordinated attack and better drive the response,
- Respond to and manage atypical complex incidents effectively through a unified, multi-disciplinary approach, Use Incident Command principles while supporting or managing the response to a complex coordinated attack, Use skills in developing awareness, sharing information, and gathering intelligence to help prevent future attacks during the response to a complex coordinated attack, Apply unconventional problem solving skills to address unconventional threats during a complex coordinated attack, Use critical thinking to more effectively manage a complex coordinated attack

**Other Prerequisites:**
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification (SID) number. It is also recommended that participants complete the following courses prior to enrolling in the course:· IS-100.bIntroduction to Incident Command System· IS-200.bICS for Single Resources and Initial Action Incidents

**Primary Core Capability:**
Operational Coordination

**Secondary Core Capability(s):** Critical Transportation, Intelligence and Information Sharing, Interdiction and Disruption, On-scene Security, Protection, and Law Enforcement, Operational Coordination, Public Health, Healthcare, and Emergency Medical Services, Situational Assessment

**Mission Areas:** Respond

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Public Health, Public Safety Communications, Security and Safety, Transportation

**Training Certificates:**
Louisiana State University Certificate of Completion

- 246 -
Course POC:
Registration Desk
POC Work Phone: 877-829-8550
POC Work Email: info@ncbrt.lsu.edu
POC Information: Name: Deyvon Cooper, E-mail address: dcooper@ncbrt.lsu.edu, Telephone number: 225-578-4464, Registration Contact: http://www.ncbrt.lsu.edu
**Active Threat Integrated Response Course (ATIRC)**

<table>
<thead>
<tr>
<th>Training Provider: Louisiana State University</th>
<th>Course Level: Performance</th>
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</thead>
<tbody>
<tr>
<td>Delivery Type: Mobile/Non-Resident</td>
<td>Duration (in Hours): 24.0</td>
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<tr>
<td></td>
<td>Duration (in Days): 3.0</td>
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**Course Description:**
The Active Threat Integrated Response Course (ATIRC) is a 24-hour performance level direct delivery course 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 which 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.

**Course Objectives:**
At the end of this course, participants will be able to:
- Recognize the course goal, enabling objectives, course schedule, and course performance requirements.
- Use the Active Shooter Incident Management Checklist in managing an integrated response to active shooter events.
- Be familiar with staging and how to function as a Staging Area Manager in an active threat integrated response.
- Identify appropriate life saving techniques that can be used in a direct threat environment.
- Identify appropriate lifesaving techniques that can be used in an indirect threat environment.
- Discuss the initial response priorities to an active shooter event and tactical considerations for a swift response by law enforcement, fire and emergency medical services (EMS).
- Discuss and demonstrate advanced medical skills based on tactical emergency casualty care (TECC) and National Incident Management System (NIMS) guidelines.
- Respond to a simulated active shooter incident and successfully integrate the response between law enforcement, fire, and emergency medical services (EMS) to quickly mitigate the threat while increasing the survivability of injured persons.
- Complete a comprehensive written post-test and course evaluation.

**Other Prerequisites:**
To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

**Primary Core Capability:**
On-scene Security, Protection, and Law Enforcement

**Secondary Core Capability(s):** Interdiction and Disruption, Long-term Vulnerability Reduction, Operational Coordination, Planning, Situational Assessment

**Mission Areas:** Respond

**Discipline(s):** Emergency Medical Services, Fire Service, Law Enforcement

**Training Certificates:**
Louisiana State University Certificate of Completion

**Course POC:**
Deyvon Cooper
POC Work Phone: 225-578-1375
POC Work Email: dcooper@ncbtrt.lsu.edu

**Course Details Link:** [http://www.ncbtrt.lsu.edu](http://www.ncbtrt.lsu.edu)
Social Media Engagement Strategies

Training Provider: University of Hawaii, National Disaster Preparedness Training Center
Delivery Type: Mobile/Non-Resident

Course Level: Performance
Duration (in Hours): 8.0
Duration (in Days): 1.0

Continuing Education Units:
IACET: .6

Course Description:
This eight-hour performance-level course is designed to provide participants with the knowledge and skills to implement strategies to better engage individuals and partner organizations. This course builds upon the existing PER-304 Social Media for Natural Disaster Response and Recovery course by providing participants with more in-depth training in the use of content types, engagement strategies, and measurement tools for social media. This course will also help participants create a social media strategy and better adapt to changing needs and strategies throughout the phases of emergency management. The overall goal of this course is to provide participants with the knowledge and skills to use social media strategies and concepts to better engage individuals and partner organizations.

Course Objectives:
At the end of this course, participants will be able to:
Create social media messages for a given situation in the most appropriate content type,
Implement various strategies to maximize audience engagement on social media platforms,
Measure the effectiveness of social media activity against specific goals; and Create a social media strategy by setting goals, completing a social media audit, improving social profiles, developing a content strategy, and evaluating the strategy.

Other Prerequisites:
PER-304 Social Media for Natural Disaster Response and Recovery

Primary Core Capability:
Public Information and Warning

Mission Areas: Protect

Discipline(s): Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Law Enforcement, Public Works

Training Certificates:
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

Course POC:
Russell Uyeno
POC Work Phone: 808-956-3176
POC Work Email: ruyeno@hawaii.edu
**Social Media Tools and Techniques**

**Training Provider:** University of Hawaii, National Disaster Preparedness Training Center  
**Course Level:** Performance  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 8.0  
**Duration (in Days):** 1.0

**Continuing Education Units:**  
IACET: .6

**Course Description:**  
This eight-hour performance-level course is designed to provide participants with the knowledge and skills to use social media tools and techniques for intermediate-level messaging, strategy, and increased situational awareness. This course builds upon the existing PER-304 Social Media for Natural Disaster Response and Recovery course by providing more participants with a more in-depth training in the use of strategy, tools, and messaging techniques in the use of social media. It goes beyond the implementation of the most popular tools and strategies and helps social media managers expand their organization’s social media presence in various platforms to different audiences, in partnership with other agencies and organizations. This course will also give participants a better understanding of data mining and crowdsourcing techniques through practical activities and discuss potential uses for data visualization and mobile apps.

**Course Objectives:**  
At the end of this course, participants will be able to:  
1. Describe and evaluate the value of using various types of social media tools;  
2. Create a social media strategy integrating tools, techniques, and best practices;  
3. Use data mining and crowdsourcing techniques for information gathering;  
4. Use crisis mapping and mobile apps in disaster management;  
5. Apply social media tools and techniques in a comprehensive activity while implementing rumor-dispelling techniques.

**Prerequisite(s):** Social Media for Natural Disaster Response and Recovery (PER-304)

**Primary Core Capability:**  
Public Information and Warning

**Mission Areas:** Respond, Common, Mitigation

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Law Enforcement, Other, Public Health, Public Safety Communications, Public Works, Security and Safety, Transportation

**Training Certificates:**  
University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**  
Registration Desk  
POC Work Phone: 808-725-5220  
POC Work Email: ndptc-training@lists.hawaii.edu

**Course Details Link:** [https://ndptc.hawaii.edu/training](https://ndptc.hawaii.edu/training)
Course Description:
The primary focus of this course will be the instrument operation skills needed by the first responders when responding to radiological or 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. New operators should continue with their response training in order to gain the proper knowledge required to operate safely in the read/nuc environment. For the experience operator, the course provides a refresher on multiple detection platforms. The training will encompass basic operations of the following: dosimeters, Personal Radiation Detectors (PRDs), Human Portable Radiation Detectors (Backpacks), survey meters, portal monitors, and Radio-Isotope Identifier Devices (RIIDs).

Course Objectives:
At the end of this course, participants will be able to:
This course will enable the participants to select the appropriate instrument for a specific mission and use the instrument in performance of that mission.

Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

Mission Areas: Prevent, Protect, Respond, Recover


Training Certificates:
Counterterrorism Operations Support Certificate of Participation

Course POC:
Leslie Maison
POC Work Phone: 702-295-0590
POC Work Email: maisonlm@nv.doe.gov
**Course Description:**
This course will provide instruction and guidance in identifying and use of Personal Protective Equipment (PPE) essential for response to hazardous materials incidents. This includes an in-depth inspection of available equipment, their use, and selecting the appropriate PPE for a hazardous materials incident based upon their type of emergency and the hazards that may exist.

**Course Objectives:**
At the end of this course, participants will be able to:
- Summarize the operational considerations and governing guidelines for personal protective equipment used in Hazmat operations.
- Distinguish between terminology specific to Personal Protective Equipment (PPE) use, to include their impact and significance on selection of protective clothing.
- Identify factors that may impact the safety of the Hazmat responder.
- Select the appropriate Personal Protective Equipment (PPE) for a hazardous materials incident based upon the type of emergency and the existing hazards.

**Other Prerequisites:**
AWR-140 Introduction to Radiological/Nuclear WMD Operations

**Primary Core Capability:**
Situational Assessment

**Mission Areas:** Respond

**Discipline(s):** Emergency Medical Services, Fire Service, Hazardous Material, Health Care, Law Enforcement, Public Health, Public Works, Search & Rescue

**Training Certificates:**
Counterterrorism Operations Support Certificate of Completion

**POC Information:**
Name: Registration Desk, E-mail Address: ctosmttreg@nv.doe.gov, Telephone Number: 877.WMD.CTOS, *Registration Contact: www.ctosnnsa.org
Preventive Radiation Nuclear Detection Backpack Refresher Course

**Training Provider:** Counterterrorism Operations Support  
**Course Level:** Performance  
**Delivery Type:** Mobile/Non-Resident  
**Duration (in Hours):** 2.0  
**Duration (in Days):** 1.0

**Course Description:**
The PRND Backpack Refresher, enables law enforcement, fire service and other response disciplines, assigned to Primary Screener duties, to employ the Backpack radiation detection system. The course includes refresher training on the detection and verification of radiation alarms, localizing the source of radiation, and measuring detected radioactive material with increased range and sensitivity using a Backpack along with a Personal Radiation Detector (PRD). The Operator will review the operational considerations to employ the Backpack to detect radiation on/in people, vehicles, packages and/or facilities.

**Course Objectives:**
At the end of this course, participants will be able to:  
1. Distinguish the differences between the capabilities of the Backpack and other typed Preventive Radiological/Nuclear Detection PRND equipment.,  
2. Give examples of deployment methods commonly used with Backpack detectors.,  
3. Point out operational limitations of the Backpack detector.,  
4. Summarize the Backpack Operator’s considerations when receiving a neutron alarm.,  
5. Examine the common characteristics of Backpack detectors.,  
6. Identify operational considerations when employing the Backpack detector.,  
7. Differentiate between the steps of the Alarm Response Guide (ARG).,  
8. Describe special considerations for alarms on people, packages, vehicles and facilities.

**Other Prerequisites:**
AWR-140, Introduction to Radiological/Nuclear WMD Operations, or equivalent training PER-243, Primary Screener/Personal Radiation Detector Course, or equivalent training as both a Primary Screener and in PRD operations.PER-246, PRND Backpack Operations for the Primary Screener, or equivalent training.

**Primary Core Capability:**
Screening, Search, and Detection

**Secondary Core Capability(s):** Environmental Response/Health and Safety, Health and Social Services, Physical Protective Measures, Public Health, Healthcare, and Emergency Medical Services, Situational Assessment

**Mission Areas:** Prevent

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Hazardous Material, Health Care, Law Enforcement, Other, Public Works, Search & Rescue, Security and Safety, Transportation

**Training Certificates:**
Counterterrorism Operations Support Certificate of Completion

**Course POC:**
Registration Desk  
POC Work Phone: 877-963-2867  
POC Work Email: ctosmttreg@nv.doe.gov

**Course Schedule:**
www.ctosnnsa.org
| **Preventive Radiological/Nuclear Detection (PRND) Maritime Operations** |
|-----------------------------|-----------------------------|
| **Training Provider:**     | **Course Level:**           |
| Counterterrorism Operations Support | Performance               |
| **Delivery Type:**         | **Duration (in Hours):**    |
| Mobile/Non-Resident         | 24.0                        |
|                             | **Duration (in Days):**     |
|                             | 3.0                         |

**Course Description:**
The Preventive Radiological/Nuclear Detection (PRND) Maritime 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.

**Course Objectives:**
At the end of this course, participants will be able to:

1.0 Identify the Preventive Radiological/Nuclear Detection (PRND) mission and the role of National Incident Management System (NIMS) typed maritime detection teams.,
2.0 Demonstrate the ability to operate Preventive Radiological/Nuclear Detection (PRND) equipment in a maritime environment.,
3.0 Identify the role of the Primary/Secondary Screener and the assessment of alarms.,
4.0 Identify operational factors that may impact maritime Preventive Radiological/Nuclear Detection (PRND) operations.,
5.0 Summarize the critical tasks involved in PRND maritime operations.,
6.0 Demonstrate collaborative maritime operation drills.

**Other Prerequisites:**
- Basic operational understanding of small boats and/or part of a maritime team
- Primary Screener/Personal Radiation Detector (PRD) Basic Training
- Basic understanding of the Radiological Nuclear Detection Mission

**Primary Core Capability:**
Screening, Search, and Detection

**Secondary Core Capability(s):**
Interdiction and Disruption, Situational Assessment, Threats and Hazard Identification

**Mission Areas:**
Protect

**Discipline(s):**

**Training Certificates:**
Counterterrorism Operations Support Certificate of Completion

**Course POC:**
CTOS Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosmttreg@nv.doe.gov
POC Information: Registration Desk, E-mail address: ctosmttreg@nv.doe.gov, Telephone number: 877.WMD.CTOS, *Registration Contact: www.ctosnnsa.org
Preventive Radiological/Nuclear Detection Team Leader

PER-351

Training Provider: Counterterrorism Operations Support

Course Level: Performance

Delivery Type: Mobile/Non-Resident

Duration (in Hours): 16.0

Duration (in Days): 2.0

Course Description:
The Preventive Radiological Nuclear Detection (PRND) Team Leader course provides experienced PRND Team Operators with the required training to attain this supervisory position. The course is designed to produce participant proficiency in the performance of the duties associated with the position as outlined in the NIMS typing documents. The course builds on the knowledge of the Team Operator and provides the opportunity to apply this knowledge to real world scenarios and practical exercises. At the completion of the course the participant can complete the qualification and credentialing process with his agency by use of a Position Task Book (PTB) supplied with the course materials.

Course Objectives:
At the end of this course, participants will be able to:
- Identify the components of the PRND Framework, and be able to discuss the general function of each component,
- Outline planning and mission concepts of PRND Team Operations, and identify concerns to address in the planning stages,
- Describe the overall concept of Preventive Radiological/Nuclear Detection (PRND) Team Operations,
- Conduct pre and post operation briefings, transition from prevent operations to response duties, and lead team demobilization activities,
- Understand the scope of Team Leader Responsibilities for a PRND Team Operation,
- Explain the components and procedures required to mobilize and demobilize PRND Teams, and complete the operation.

Other Prerequisites:
- ICS-100 Introduction to the Incident Command System
- ICS-200 Basic Incident Command/ICS for Single Resources and Initial Action Incidents
- IS-700 National Incident Management System (NIMS): An Introduction
- PER-243 Primary Screener/Personal Radiation Detector Course
- PER-245 PRND Secondary Screener/Radioisotope Identification Device (RIID)
- PER-246 PRND Backpack Operations for the Primary Screener
- PER-318 PRND Team Operations
- Trained to the PRND Team Operator or Team Leader qualifications as verified by the Authority Having Jurisdiction (AHJ).

Primary Core Capability:
Planning

Mission Areas: Prevent, Respond


Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosmttreg@nv.doe.gov
POC Information: Name: Registration Desk, E-mail Address: ctosmttreg@nv.doe.gov, Telephone Number: 877.WMD.CTOS, *Registration Contact: www.ctosnnsa.org
Active Shooter Incident Management (16 hour)  

**Training Provider:** Texas Engineering Extension Service  
**Delivery Type:** Mobile/Non-Resident  
**Course Level:** Performance  
**Duration (in Hours):** 16.0  
**Duration (in Days):** 2.0  

**Continuing Education Units:**  
General: 1.6

**Course Description:**  
The Active Shooter Incident Management (ASIM) course provides a model framework to improve incident management and the integration of law enforcement, fire and EMS 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 of 25 law enforcement, 20 fire/EMS, and 5 telecommunicator (dispatcher) participants of mixed rank (i.e. line through supervisors and leadership). The framework utilizes the Active Shooter Incident Management Checklist™, a validated active shooter event response checklist, integrating best practices guided by principles of the National Incident Management System (NIMS), Tactical Emergency Casualty Care (TECC), and Advanced Law Enforcement Rapid Response (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 exercise scenarios and hands-on experience in multiple response roles. The course also introduces participants to Complex Coordinated Attacks (CCA).

**Course Objectives:**  
At the end of this course, participants will be able to:  
- Describe the profile of a typical Active Shooter Event and practice the model response process using the Active Shooter Incident Management Checklist™.  
- Apply key leadership roles and functions within an Active Shooter Event (ASE) response.  
- Demonstrate response and management of Basic Complexity and Moderate Complexity Active Shooter Events in simulation-based practical exercises.  
- Demonstrate response and management of Complex Coordinated Attacks (CCA) in simulation-based practical exercises.

**Other Prerequisites:**  
FEMA IS-100 and IS-200 are required for certified law enforcement, fire, and EMS participants and recommended for telecommunicators (but not required). A mixed-discipline instructor cadre is trained to coach participants to success regardless of rank and experience level.

**Primary Core Capability:**  
Operational Coordination

**Secondary Core Capability(s):** Intelligence and Information Sharing, On-scene Security, Protection, and Law Enforcement, Operational Communications, Public Health, Healthcare, and Emergency Medical Services

**Mission Areas:** Respond

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Public Safety Communications, Search & Rescue

**Training Certificates:**  
Texas Engineering Extension Service Certificate of Completion

**Course POC:**  
Bill Godfrey  
POC Work Phone: 407-490-1300
NTED
POC Work Email: bill.godfrey@c3pathways.com
Course Details Link:  http://alert.org/HostingRequests/add
Active Shooter Incident Management with Complex Incidents (24 hour)  

**Training Provider:** Texas Engineering Extension Service  
**Delivery Type:** Mobile/Non-Resident  
**Course Level:** Performance  
**Duration (in Hours):** 24.0  
**Duration (in Days):** 3.0  

**Continuing Education Units:**  
IACET: 2.4  

**Course Description:**  
The Active Shooter Incident Management with Complex Incidents (ASIM-CI) course provides a model framework to improve incident management and the integration of law enforcement, fire and EMS 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 of 25 law enforcement, 20 fire/EMS, and 5 telecommunicator (dispatcher) participants of mixed rank (i.e. line through supervisors and leadership). The framework utilizes the Active Shooter Incident Management Checklist™, a validated active shooter event response checklist, integrating best practices guided by principles of the National Incident Management System (NIMS), Tactical Emergency Casualty Care (TECC), and Advanced Law Enforcement Rapid Response (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 exercise scenarios and hands-on experience in multiple response roles. The course also introduces participants to Complex Coordinated Attacks (CCA), including the added complexities of improvised explosive devices, an attacker who becomes static, barricades or takes hostages, and a multi-modal CCA.

**Course Objectives:**  
At the end of this course, participants will be able to:  
Describe the profile of a typical Active Shooter Event and practice the model response process using the Active Shooter Incident Management Checklist™. Apply key leadership roles and functions within an Active Shooter Event (ASE) response. Demonstrate response and management of Basic Complexity and Moderate Complexity Active Shooter Events in simulation-based practical exercises. Demonstrate response and management of Complex Coordinated Attacks (CCA) in simulation-based practical exercises. Demonstrate response and management of Moderate Complexity ASE that includes IED and/or an Attacker who becomes static, barricades, or takes hostages in simulation-based practical exercises. Discuss case studies of multi-modal Complex Coordinated Attacks (CCA) and demonstrate response and management of a multi-modal CCA in simulation-based practical exercises.

**Other Prerequisites:**  
FEMA IS-100 and IS-200 are required for certified law enforcement, fire, and EMS participants and recommended for telecommunicators (but not required).

**Primary Core Capability:**  
Operational Coordination

**Secondary Core Capability(s):** Intelligence and Information Sharing, On-scene Security, Protection, and Law Enforcement, Operational Communications, Public Health, Healthcare, and Emergency Medical Services

**Mission Areas:** Respond

**Discipline(s):** Emergency Management, Emergency Medical Services, Fire Service, Law Enforcement, Public Safety Communications, Search & Rescue
Training Certificates:
Texas Engineering Extension Service Certificate of Completion

Course POC:
Bill Godfrey
POC Work Phone: 407-490-1300
POC Work Email: bill.godfrey@c3pathways.com

Course Details Link:  http://alerrt.org/HostingRequests/add
Course Description:
The Performance 354 Response to Radiological/Nuclear Weapon of Mass Destruction Incidents course is an instructor led drill-based course delivered at the Nevada National Security Site. The course combines individual and team performance skills required in the response to a radiological WMD incident. The course objectives include: The current terrorist threats related to Radiological/Nuclear (R/N) WMDs, Characteristics and hazards of Radiation Exposure Device (RED), Radiological Dispersal Device (RDD) and Improvised Nuclear Device (IND) and the related response considerations, Radiation detection devices required for the response and safety of the responder, Establishment of operational zones, Personal protective equipment, Decontamination, Hazard identification Radio-Isotope Identification Device (RIID)

Course Objectives:
At the end of this course, participants will be able to:
Effectively and safely respond to radiological incidents within their agency defined scope of operation. The Participant will attain the knowledge, skills and abilities to accomplish the following: Recognize a radiological/nuclear Weapon of Mass Destruction (WMD) incident and the factors to consider when responding to this type of terrorist threat, Describe the Personal Protective Equipment (PPE) used at a radiological incident, Describe how to conduct a radiological decontamination operation, Determine the critical need and requirement of establishing zones during a radiological/nuclear WMD incident, Locate and identify contained and uncontained radiological/nuclear materials, Perform an area/facility detection operation in a radiological/nuclear environment, Determine the effectiveness of the actions taken in accomplishing the planned response objectives and describe the steps required to terminate the emergency phase of the incident consistent with the Incident Action Plan (IAP)

Primary Core Capability:
Threats and Hazard Identification

Mission Areas:
Mitigation

Discipline(s):
Emergency Management, Emergency Medical Services, Fire Service, Hazardous Material, Law Enforcement, Other, Search & Rescue

Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosmttreg@nv.doe.gov
POC Information: Name: Registration Desk E-mail Address: ctosmttreg@nv.doe.gov Telephone Number: 877.WMD.CTOS* Registration Contact: www.ctosnnsa.org
Course Description:
The course is designed to satisfy the needs of a specific jurisdiction by providing a wide variety of drills from which the agency may select to address their training needs. The course is limited to 4 hours and is based on the jurisdictions equipment (or CTOS equipment cache). Selection of the drill and practical scenarios can be determined at the pre-course visit between the jurisdiction and the CTOS Course Director. Job Performance Requirements (JPRs) will be used to assess the required skills. The collection of these assessment tools (JPRs), as well as the cache of drills, will continue to grow as needs are identified within the various jurisdictions.

Course Objectives:
At the end of this course, participants will be able to:
Given instruction, specific scenario(s), and hands-on drills, the participants will: Demonstrate the tasks required to complete given assignment to 100% accuracy, as evaluated on an associated Job Performance Requirement (JPR)., NOTE: Given a scenario (or collection of scenarios) that have been selected by the Point of Contact (POC) for a Jurisdiction, and may vary in intensity and scope, the Participant will apply their knowledge and experience of radiological detection procedures in real-world settings and situations. The focus of the selected tasks will improve the overall preparedness for radiological/nuclear detection missions by applying detection instruments and demonstrating applicable operations., The POC will be able to select the type of scenario (from an established suite of drill station guides) and specific detection equipment they would like to use to meet their training needs. Each scenario used will be outlined in a drill station guide, and the required tasks will be evaluated by an accompanying JPR.

Other Prerequisites:
Training in instrument operations which may include any of the following: dosimeters, Personal Radiation Detector (PRD), Human Portable Radiation Detector (Backpack), Radio-Isotope Identification Device (RIID), Survey Meters, Portal Monitors, or Mobile Systems. This prerequisite training will depend upon the detection instruments selected by the Jurisdiction to be used in the drill scenarios.

Primary Core Capability:
Screening, Search, and Detection

Secondary Core Capability(s): Environmental Response/Health and Safety, Fatality Management Services, Infrastructure Systems, Mass Care Services, Public Health, Healthcare, and Emergency Medical Services, Screening, Search, and Detection, Situational Assessment, Threats and Hazard Identification

Mission Areas: Respond


Training Certificates:
Counterterrorism Operations Support Certificate of Completion

Course POC:
Registration Desk
POC Work Phone: 877-963-2867
POC Work Email: ctosmttreg@nv.doe.gov
POC Information: Name: Registration Desk, E-mail Address: ctosmttreg@nv.doe.gov
Telephone Number: 877.WMD.CTOS, Registration Contact: www.ctosnnsa.org
*Enter the website (preferred), e-mail or other information students should use to register for this course.
**Course Description:**
The ER2HM Instructor-Led Training (ILT) course is designed to provide specialized training related to planning for, response to, and recovery from hazmat incidents. Specifically, this program focuses on the transport of crude-by-rail, fixed facilities in the chemical industry, and high-profile and/or high-value target locations and/or events. Participants will learn how to apply the:Whole community concept to planning, response, and recovery efforts, IAFF’s Analyze, Plan, Implement, and Evaluate (APIE) risk-based, response process, when responding to incidents involving hazardous materials.

**Course Objectives:**
At the end of this course, participants will be able to:

- Analyze the types of hazmat incidents for which their community may be at risk.
- Identify the hazmats present the community.,
- Identify community events where the threat of hostile incidents may occur.,
- Identify the types of harm a release of hazmats, either accidental or criminal, might cause.
- Pre-Plan and Plan (during an incident) for the types of incidents and harm identified as “possible.”
- Identify community organizations and response agencies that are available to assist in mitigation, response, and recovery (i.e. use the whole community concept),
- Identify the local, state, and federal procedures that will need to be performed during an incident (e.g., establishing a unified command).
- Implement the planned response.
- Use Analyze, Plan, Implement, and Evaluate (APIE): A Risk-Based Response Process to ensure a safe, competent response to incidents involving hazardous materials and reduce exposure, injury and death.
- Evaluate the progress of operations.

**Other Prerequisites:**
There is a web-based prerequisite, Hazard Recognition, PER-365-W, to prepare the students for the instructor-led portion of the delivery. This consists of 9 modules and takes approximately 3-4 hours to complete. These modules help the student to recognize the hazards within their community and includes fixed facility bulk containers, rail and truck transportation, intermodal containers, bulk and non-bulk containers, radioactive packaging and pipelines. Each module is interactive and have scenario-based exercises. This course has a post-test that students must successfully complete to obtain credit for this portion of the program.

**Primary Core Capability:**
Operational Coordination


**Mission Areas:** Common

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Hazardous Material, Health Care, Law Enforcement, Other, Public Health, Public Works, Search & Rescue

**Training Certificates:**
International Association of Fire Fighters Certificate of Completion

Course POC:
Thomas Hill
POC Work Phone: 202-924-9317
POC Work Email: thill@iaff.org
POC Information: Registration Contact: www.iaff.org

Course Details Link: : www.iaff.org
Course Description:
The Emergency Response to Hazardous Materials, Web-Based course is a prerequisite to the 16-hour Instructor-Led Training EHRM course and is designed to provide in-depth knowledge related to hazardous materials containers. It includes video to enhance identification skills and knowledge of: safety devices, possible contents and behavior before, during and after accidental or intentional releases. In addition, the ERHM web-based course includes links to the IAFF’s Introduction to Weapons of Mass Destruction WBT, as well as downloadable copies of the participant guide for the instructor-led component. This course allows participants to work through this large body of information at their own pace (estimated to be 4-6).

Course Objectives:
At the end of this course, participants will be able to:
Identify locations within a community where hazardous materials may be found., Identify the two types of containers used to transport hazardous materials., Describe the difference between a bulk container and a non-bulk container., Identify the types of each container, the possible hazardous materials stored or transported and the behavior of the product before, during and after a release for the following containers:
  , Fixed bulk storage tanks
  , Railroad tank cars
  , Highway cargo tanks
  , Intermodal tank containers
  , Intermediate bulk containers
  , Non-bulk containers
  , Radioactive materials packaging
Primary Core Capability:
Threats and Hazard Identification
Secondary Core Capability(s): Environmental Response/Health and Safety, Fire Management and Suppression, Screening, Search, and Detection, Situational Assessment
Mission Areas:
Mitigation
Training Certificates:
International Association of Fire Fighters Certificate of Completion
Course POC:
Thomas L. Hill
POC Work Phone: 202-824-9317
POC Work Email: thill@iaff.org
POC Information: Name: Thomas L. Hill, E-mail Address: thill@iaff.org, Telephone Number: 202-824-9317, *Registration Contact: www.iaff.org
## Tactical Hazardous Materials Operations for Surface Transportation

<table>
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<th>Transportation Technology Center, Inc.</th>
<th>Course Level:</th>
<th>Performance</th>
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### Course Description:
This 40-hour course is designed to provide participants with advanced knowledge and practical skills needed to respond to a complex, tactical surface transportation incident involving HazMat/WMD. Participants will then learn to operate real tactical weapons using Simunitions® non-lethal training weapons and ammunition while wearing protective clothing and respiratory systems. Participants will learn to respond properly to emergency incidents involving various modes of mass transit transportation, including heavy medium and light rail systems, commercial and school buses. Students will learn to select the Personal Protective Equipment and respiratory protection for the threat presented in any emergency. They will learn how to use monitoring equipment to help them determine what type of HazMat/WMD students may be confronting. Students will conduct site assessments, determine which level of protective equipment is appropriate for various situations, develop tactical plans and conduct tactical assaults on full-scale passenger train cars, locomotives, commercial buses and school buses. Students will be involved in a variety of Shoot OR Don’t Shoot situations utilizing simunitions. Scenarios also involve Active Shooter role playing. After receiving the curriculum and participating in the scenario-based incidents, successful participants will be capable of overseeing and performing surface transportation emergency response activities during real life incidents.

### Course Objectives:
At the end of this course, participants will be able to:
- Follow the policies of TTCI/SERTC.
- Explain how performance is evaluated.
- Summarize the course and its agenda.
- Complete required documents (e.g., registrations, medical questionnaire).
- Identify the differences between HazMat and WMD emergencies from other types of emergencies.
- Identify the DOT hazard classes and divisions of HazMat and common examples of materials in each class or division.
- Define the ways HazMat/WMD are harmful to people, the environment, and property at incidents.
- Define the types of health hazards associated with: Simple and chemical asphyxiants, Sensitizers/allergens, Systemic poisons, Convulsants, Caustics/corrosives, Irritants, Acute and chronic health hazards.
- Define the following terms as related to contamination by radiation: Alpha Particles, Beta Particles, Gamma Rays, External Contamination, Internal Contamination, Time, Distance, and Shielding.

### Other Prerequisites:
Certified and active peace officer and / or formally attached to an agency tactical team. HazMat operations level completion.

### Primary Core Capability:
On-scene Security, Protection, and Law Enforcement

### Mission Areas:
Protect

### Discipline(s):
Law Enforcement

### Training Certificates:
Transportation Technology Center, Inc. Certificate of Completion

### Course POC:
Forrest Wieder

POC Work Phone: 719-584-7177
POC Work Email: forrest_wieder@aar.com
Cybersecurity Incident Response for IT Personnel

Training Provider: The University of Arkansas, Criminal Justice Institute
Delivery Type: Mobile/Non-Resident
Course Level: Performance
Duration (in Hours): 24.0
Duration (in Days): 3.0

Continuing Education Units:
IACET: 2.4

Course Description:
The Cybersecurity Incident Response for IT Personnel course is designed to address the gap in specific technical skills needed for an effective cyber response. This course will also help improve the limited availability of targeted hands-on IT and security training focused on cyber attacks. This training focuses on government and private sector technical personnel who have intermediate and advanced knowledge of network operations and/or the responsibility for network security. This course utilizes the Metova Virtualized Cyber Classroom Environment (VCCE) for incident simulation which provides many features that resemble or imitate actual cyber incidents.

Course Objectives:
At the end of this course, participants will be able to:
- Explain elements of cybersecurity.
- Determine threat levels of cyber incidents through detection and analysis.
- Examine strategies for containing, eradicating, and recovering from a cyber incident.
- Practice network enumeration to become familiar with the Virtualized Cyber Classroom Environment (VCCE).
- Manage devices by implementing tools in the VCCE.
- Perform cybersecurity response actions for a variety of simulated cyber incidents in the VCCE.
- Operate as a team to manage a multi-faceted, advanced, persistent, simulated threat in the VCCE.

Other Prerequisites:
There are no prerequisites, however, participants are recommended to have successfully completed IS-100, IS-200, and IS-700. Completion of IS-800 is also recommended.

Primary Core Capability:
Cybersecurity

Secondary Core Capability(s): Access Control and Identity Verification, Forensics and Attribution, Infrastructure Systems, Intelligence and Information Sharing, Operational Communications, Operational Coordination, Risk and Disaster Resilience Assessment

Mission Areas: Protect
Discipline(s): Education, Emergency Management, Emergency Medical Services, Fire Service, Governmental Administrative, Health Care, Information Technology, Law Enforcement, Other, Public Works, Security and Safety, Transportation

Training Certificates:
The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:
Scott Terry
POC Work Phone: 800-541-7149
POC Work Email: ke@teex.tamu.edu
Course Description:
The Planning and Response to High Consequence Incidents training program has been developed with the whole community in mind. Emergency responders, emergency managers, facility and rail personnel, as well as community members are provided with information on the hazards associated with: the transport of crude oil by rail, the storage and use of fertilizer grade ammonium nitrate (FGAN) and technical grade ammonium nitrate (TGAN) as well as high profile / high value venues where aggressively deadly behavior may occur.
These complex and far-reaching threats and hazards require a collaborative community approach to preparedness, response, and recovery. Through pre-incident planning, communities can be better prepared to respond to and recover from high-consequence incidents involving crude oil, ammonium nitrate, and terrorism. During this program, participants learn and apply the Analyze, Plan, Implement and Evaluate (APIE): A Risk-Based Response Process.
The program uses a blended-approach – self-paced online learning combined with instructor-led instruction. Prerequisite online learning provides information related to the hazards of crude oil and FGAN/TGAN. In the classroom, participants learn how to develop pre-incident plans consistent with the available equipment and personnel, as well as how to respond, and recover when a high-consequence incident occurs.

Course Objectives:
At the end of this course, participants will be able to:
Through this program, participants learn and apply their knowledge to:
Analyze the types of incidents of high consequence for which their community may be at risk.
Identify the where the potential for crude oil or ammonium nitrate incidents are in the community.
Identify the elements of effective preplans to prepare for incidents involving crude oil or ammonium nitrate (both FGAN and TGAN), Identify the types of harm a release of crude oil or ammonium nitrate, either accidental or criminal, might cause.
Pre-Plan and Plan (during an incident) for the types of incidents and harm identified as “possible.”
Identify community organizations and response agencies that are available to assist in mitigation, response, and recovery (i.e. use the whole community concept).
Identify the local, state, and federal procedures that will need to be performed during an incident (e.g., establishing a unified command).
Implement the planned response.
Use Analyze, Plan, Implement, and Evaluate (APIE): A Risk-Based Response Process to ensure a safe, competent response to incidents involving crude oil or ammonium nitrate and reduce exposure, injury and death.
Evaluate the progress of operations.

Other Prerequisites:
PER-372-W Hazards and High Consequence Incidents

Primary Core Capability:
Community Resilience

Secondary Core Capability(s):
Coordination, Planning, Public Health, Healthcare, and Emergency Medical Services, Public Information and Warning, Risk Management for Protection Programs and Activities, Risk and Disaster Resilience Assessment, Screening, Search, and Detection, Situational Assessment, Threats and Hazard Identification

**Mission Areas:** Common

**Discipline(s):** Citizen/Community Volunteer, Emergency Management, Emergency Medical Services, Fire Service, Hazardous Material, Health Care, Law Enforcement, Other, Public Health, Search & Rescue, Security and Safety

**Training Certificates:**
International Association of Fire Fighters Certificate of Completion

**Course POC:**
Thomas Hill
POC Work Phone: 202-824-9317
POC Work Email: thill@iaff.org
High Consequence Incidents: Crude Oil and Ammonium Nitrate

Training Provider: International Association of Fire Fighters

Delivery Type: Online/Distance Learning

Course Description:
The IAFF HiC-WBT is a prerequisite for the 16-hr. Instructor-led Training HiC-ILT course and is designed to provide in-depth knowledge related to hazards of crude oil, fertilizer grade ammonium nitrate (FGAN) and technical grade ammonium nitrate (TGAN). The WBT also includes a community checklist which participants will use to begin the process of developing a pre-plan for their community that will be continued in the instructor-led course. This course allows participants to work through this large body of information at their own pace (estimated to be 4-6 hours) as well as to prepare for the instructor-led component, High Consequence Incidents: Crude Oil and Ammonium Nitrate (PER-372-W)

Course Objectives:
At the end of this course, participants will be able to:
1. Identify locations within a community where crude oil and ammonium nitrate may be stored
2. Identify locations within the community where crude oil and ammonium nitrate may be transported
3. Identify the hazards of crude oil and ammonium nitrate
4. Describe the difference between fertilizer grade ammonium nitrate (FGAN) and technical grade ammonium nitrate (TGAN)
5. Describe elements of a preplan and begin development of a preplan for their community

Primary Core Capability:
Threats and Hazard Identification

Secondary Core Capability(s): Environmental Response/Health and Safety, Fire Management and Suppression

Mission Areas: Mitigation


Training Certificates:
International Association of Fire Fighters Certificate of Completion

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