Federal Emergency Management Agency
National Preparedness Directorate
National Training and Education Division
Course Catalog

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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/* : 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/* : 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/* : 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/* : 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/* : 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/* : 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/* : 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.

Rural Domestic Preparedness Consortium (RDPC) (https://www.ruraltraining.org/)

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/)

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:

Resident: At the training provider's own facility.
Mobile: At or near the location of the agency that requests the training.
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.

Find a course - search the catalog to find the course you need to take.
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)
Get approval through your internal chain of command.
Find your SAA TPOC here - all courses, other than online courses, must be authorized through your SAA TPOC.
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

Course Listings

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AWR-118	Biological Incidents Awareness	Louisiana State University	5
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AWR-140-W	WMD Radiological/Nuclear Awareness Course Web-Based	Counterterrorism Operations Support	28
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PER-229	Introduction to the (Computer Aided Management Emergency Operations Suite (CAMEO)	Louisiana State University	246
PER-229-1	Introduction to Computer-Aided Management of Emergency Operations Suite (CAMEO), Train-the-Trainer	Louisiana State University	248
PER-230	Incident Response to Terrorist Bombings - Operations	New Mexico Institute of Mining and Technology	250
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PER-232	Initial Law Enforcement Response to Suicide Bombing Attacks	New Mexico Institute of Mining and Technology	255
PER-232-1	Initial Law Enforcement Response to Suicide Bombing Attacks (ILERSBA), Train-the-Trainer	New Mexico Institute of Mining and Technology	257
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PER-240	WMD Radiological/Nuclear Responder Operations Course	Counterterrorism Operations Support	261
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PER-267	Emergency Medical Operations for CBRNE Incidents	Center for Domestic Preparedness	295
PER-273	A Coordinated Response to Food Emergencies: Practice and Execution	Louisiana State University	297

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PER-275-1	Law Enforcement Active Shooter Emergency Response, Train-the-Trainer	Louisiana State University	301
PER-275-C	Law Enforcement Active Shooter Emergency Preparedness, Customized	Louisiana State University	303
PER-276	Transit Terrorist Tools and Tactics (T4)	Louisiana State University	304
PER-290	Tank Car Specialist	Transportation Technology Center, Inc.	306
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PER-292	Leadership and Management of Surface Transportation Incidents (LMSTI)	Transportation Technology Center, Inc.	310
PER-293	HazMat/WMD Technician for Surface Transportation (HWMDTST)	Transportation Technology Center, Inc.	312
PER-297-W	Secondary Screener/Radiation Isotope Identifier (RIID) Refresher, Web-Based	Counterterrorism Operations Support	314
PER-298	Team Approach to Foodborne Outbreak Response	Louisiana State University	315
PER-300	Personal Radiation Detector (PRD) Refresher	Counterterrorism Operations Support	317
PER-300-W	Personal Radiation Detector (PRD) Refresher, Web-Based	Counterterrorism Operations Support	319
PER-304	Social Media for Natural Disaster Response and Recovery	University of Hawaii, National Disaster Preparedness Training Center	320
PER-307-W	Introduction to Improvised Nuclear Device (IND) Effects and Response Strategies	Counterterrorism Operations Support	322
PER-308	Rural Isolation and Quarantine for Public Health and Healthcare Professionals	Rural Domestic Preparedness Consortium	324
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PER-326	Surface Transportation Emergency Preparedness and Security for Freight by Rail or Highway (STEPS Freight)	Transportation Technology Center, Inc.	329
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PER-331	Surface Transportation Emergency Preparedness and Security for Senior Officials or Administrators (STEPS Sr.)	Transportation Technology Center, Inc.	334
PER-333	Isolation and Quarantine Response Strategies in the Event of a Biological Disease Outbreak in Tribal Nations	Rural Domestic Preparedness Consortium	336
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Course Details

Awareness Courses

Crime Scene Management for CBRNE Incidents (CSM) **AWR-103**

Course Provider: Center for Domestic Preparedness
Course Length: 8.0 hours
Course Delivery: Mobile/Non-Resident, Residential
Course Level: Awareness

Continuing Education Units

General: .1

Course Description

Crime Scene Management for CBRNE Incidents (CSM) is a 1-day course designed to enhance the responder's ability to manage a chemical, biological, radiological, nuclear, or explosive (CBRNE) crime scene. Responders who successfully complete this course will become familiar with the laws and regulations enabling them to protect a crime scene in a way that makes successful prosecution of the perpetrators more likely.

Course Objectives

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

- Describing the forms of evidence found at a CBRNE crime scene and the importance of chain of custody when collecting evidence.
- Recognizing how to apply the Federal Bureau of Investigation's Crime Scene Search Protocol.
- Describing legal issues and federal statues as they pertain to a CBRNE crime scene.

Prerequisites

- · Have successfully completed awareness training for CBRNE response through AWR-160 or another awareness training program
- · Be working in an emergency response discipline

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
- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Transportation

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguilar

Phone: 256-231-0106
Email: michael.aguilar@fema.dhs.gov

Basic Emergency Medical Services (EMS) Concepts for Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events AWR-111-W

Course Provider: Texas Engineering Extension Service
Course Length: 4.0 hours
Course Delivery: Online Training
Course Level: Awareness

Course Description

Basic Emergency Medical Services (EMS) Concepts for Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events (AWR-111-W) is a web-based course that introduces students to medical knowledge relating to Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events. Subjects include signs and symptoms of exposure to CBRNE agents, treatment protocols for contact with these agents and information about Emergency Medical Services role in the Incident Command System. The program is recommended before attending a PER-211 Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Event course, or it can be completed by someone looking for an introduction into this topic.

Course Objectives

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

- At the conclusion of this self-paced course, the student will be able to explain Emergency Medical Services (EMS) management issues, responder consideration, and medical treatments for applications to Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) events.
- The student will be able to identify the Command and General staff positions, as well as describe the functions of triage, treatment, and transport groups.
- The student will be able to identify and apply information gathering and responder safety concepts pertaining to a hazardous materials response to Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) events.
- The student will be able to recognize signs and symptoms associated with various Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) agents and identify basic responder precautions.

Prerequisites

- WMD/Terrorism Awareness for Emergency Responders (AWR-110-W)

Primary Core Capability

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s)

- Access Control and Identity Verification
- Community Resilience
- Environmental Response/Health and Safety
- Health and Social Services
- Housing
- Long-term Vulnerability Reduction
- Mass Care Services
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Risk Management for Protection Programs and Activities
- Situational Assessment
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Prevent
- Protect
- Respond
- Recover

Target Audience

- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications

Training Certificates

Texas Engineering Extension Service Certificate of Participation

Point of Contact

Juan Guerrero

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Email: Juan.Guerrero@teex.tamu.edu

Course Website: https://teex.org/nerrtconline

Biological Incidents Awareness AWR-118

Course Provider: Louisiana State University
Course Length: 7.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

Continuing Education Units

General: .7

Course Description

The course provides a brief overview of biological incidents that have occured 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 terrorists 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).

Biological Incidents Awareness can be considered an introductory course to Emergency Response to Domestic Biological Incidents.

Course Objectives

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

- When a biological incident is occurring, recognize some signs that suggest what type and scale of biological incident it might be
- Identify biological diseases that may be present in a biological incident and recognize signs that suggest a biological incident is taking place
- Apply self-protection principles in the event of a biological incident
- Apply what they have learned in the course to improve their readiness for a biological incident

Prerequisites

- Must be a member of a federal, state, or local government agency that is responsible for responding to WMD incidentsSuccessful completion of a WMD awareness-level training course

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Community Resilience
- Critical Transportation
- Economic Recovery
- Environmental Response/Health and Safety
- Forensics and Attribution
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Logistics and Supply Chain Management
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Screening, Search, and Detection

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service

- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

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

Course Provider: Louisiana State University
Course Length: 8.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

Continuing Education Units

General: .8

Course Description

The 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).

Biological Incidents Awareness can be considered an introductory course to Emergency Response to Domestic Biological Incidents.

Course Objectives

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

- When a biological incident is occurring, recognize some signs that suggest what type and scale of biological incident it might be
- Identify biological diseases that may be present in a biological incident and recognize signs that suggest a biological incident is taking place
- Apply self-protection principles in the event of a biological incident
- Apply what they have learned in the course to improve their readiness for a biological incident
- Successfully teach an indirect delivery of Biological Incidents Awareness

Prerequisites

- Must be a member of a federal, state, or local government agency that is responsible for responding to WMD incidents
- Successful completion of a WMD awareness-level training course.

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Community Resilience
- Critical Transportation
- Economic Recovery
- Environmental Response/Health and Safety
- Forensics and Attribution
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Logistics and Supply Chain Management
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Screening, Search, and Detection

Mission Areas

- Respond

Target Audience

- Emergency Medical Services

NTED

- Hazardous Material
- Health Care
- Law Enforcement
- Public Health

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Law Enforcement Prevention and Deterrence of Terrorist Acts AWR-122

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Continuing Education Units

General: 1.6

Course Description

Success in preventing, deterring, preparing for, and responding to terrorist activity and crime-related high-consequence events in the United States is based on the establishment and maintenance of a robust incident management system. Law enforcement and other public safety professionals must be adequately trained, equipped, and exercised to prevent and deter these incidents and to respond effectively should one occur.

The tragic events surrounding the bomb attack at the Boston Marathon (2013); the terrorist train bombings in Mumbai (2006), Madrid (2004), and Moscow (2004), and on the subway in London (2005); the terrorist aircraft attacks of September 11, 2001, in New York, Virginia, and Pennsylvania; the ongoing suicide bomb attacks against buses in Israel; and the sarin attacks of the Tokyo subway system (1995) are all terrible reminders of how vulnerable free nations are to deadly attacks.

As these threats have increased and evolved, the US government has expanded its support for initiatives to prepare federal, state, and local first responders, including law enforcement and public safety personnel, to prevent and deter terrorist and crime-related incidents.

This awareness-level course focuses on the recognition, prevention, and deterrence of terrorist activity and crime-related high consequence events for law enforcement and other public safety professionals.

Course Objectives

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

- Discuss how the terrorist threat has evolved in terms of organization, structure, involved persons, and motivations
- Recognize phases and terrorist activities within the Terrorist Attack Cycle
- Identify the indicators of terrorist cells and organizations that can lead to the disruption of terrorist attacks,
- Identify how officers during the performance of their daily duties can assist with the prevention and deterrence of terrorism
- Recognize common characteristics associated with counterfeit and altered domestic and international identity documents
- Identify the types of materials—legal or illegal—that may be obtained from local sources to produce CBRNE agents as well as differentiate between labs used to produce clandestine drugs and those that produce CBRNE agents
- Practice strategies of prevention and deterrence in their response to a video of a routine police call

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

NTED

the FEMA student ID numbers

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Community Resilience
- Critical Transportation
- Economic Recovery
- Environmental Response/Health and Safety
- Forensics and Attribution
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Logistics and Supply Chain Management
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Screening, Search, and Detection

Mission Areas

- Prevent

Target Audience

- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Public Health
- Security and Safety
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

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

Course Provider: Louisiana State University **Course Length:** 20.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Continuing Education Units

General: 2

Course Description

Geared toward trainers, this course format prepares instructors to teach the indirect format of the Law Enforcement Prevention and Deterrence of Terrorist Acts course. This course provides certified federal, state, and local law enforcement officers with the knowledge, skills, and abilities to assist in preventing and/or deterring weapons of mass destruction (WMD) terrorist incidents. Law enforcement officers are part of the front-line defense in preventing and deterring WMD terrorist incidents when the release of WMD agents is likely to occur as a result of criminal actions. The nature of their daily work environment provides them with an enhanced understanding of their community the general public does not share. This heightened community awareness, as well as the possibility that they may encounter terrorists unknowingly while conducting patrol functions, provides law enforcement officers with a unique opportunity to prevent or deter potential WMD terrorist incidents.

Course Objectives

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

- Examine the instructional methodology used to deliver Louisiana State University's National Center for Biomedical Research and Training (NCBRT) courses
- Demonstrate the importance of intelligence gathering and describe rudimentary terrorist operations and characteristics. Participants will also be able to tell how information in field intelligence gathering and reporting can assist in counterterrorism operations
- Identify practical counterterrorism techniques, local high-risk targets, and legal issues associated with terrorism prevention and deterrence
- Identify the types of materials—legal or illegal—that may be obtained from local sources to produce chemical, biological, radiological, nuclear, and explosive (CBRNE) agents, as well as to differentiate between laboratories used to produce clandestine drugs and those that produce CBRNE agents
- Recognize common characteristics associated with counterfeit and altered domestic and international identity documents
- Practice the strategies of prevention and deterrence as they view a video of a vehicle stop and complete a practical exercise
- Differentiate among sources of intelligence at the international, federal, state, and local levels and be able to explain how they share information about terrorist activity

Prerequisites

- Must be sworn members of a federal, state, county/parish, or municipal law enforcement agency who are currently assigned and functioning as patrol officers or line supervisorsMinimum of 3 years of service with a law enforcement agencyInstructor certification by the authority having jurisdictionEndorsement by the appropriate agency training supervisorGovernment-issued identification card

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Access Control and Identity Verification
- Community Resilience

- Critical Transportation
- Cybersecurity
- Economic Recovery
- Environmental Response/Health and Safety
- Forensics and Attribution
- Infrastructure Systems
- Intelligence and Information Sharing
- Logistics and Supply Chain Management
- Long-term Vulnerability Reduction
- Mass Care Services
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- 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

- Prevent

Target Audience

- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Public Health
- Security and Safety
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

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

Course Provider: Louisiana State University
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

Continuing Education Units

General: .4

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 or counterfeit the types of documents commonly presented to law enforcement officers. Several government documents are discussed, including identity cards, driver's licenses, and social security cards.

Course Objectives

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

- Share something they want to learn from this course and something they know about the training topic with their peers.
- Fill out a complete and accurate registration form.
- Assess their baseline knowledge of course content.
- Determine whether or not an identity document is acceptable, using the criteria presented in the module.
- Detect situations in which an impostor is attempting to use a genuine document.
- Identify security features incorporated into government documents to deter fraud.
- Complete a comprehensive post-test successfully.

Prerequisites

- Participants must be sworn members of a federal, state, or local law enforcement agency.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

Mission Areas

- Prevent

Target Audience

- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Public Health
- Security and Safety
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Incident Response to Terrorist Bombings, Customized AWR-130-C

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 1.5 hours

Course Delivery: Mobile Training

Course Level: Awareness

Continuing Education Units

General: 1.2

Course Description

This course is designed to train personnel to identify and take appropriate action in the event of a potential or realized WMD explosive incident.

Course Objectives

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

- Describe potential explosive and incendiary materials, devices and device materials, and the activities required to maintain personnel safety.
- Correctly recognize commonly available explosives, initiators, and blasting caps in their conventional forms.
- Correctly recognize the hazards of explosive detonations.
- Correctly list the three principles to avoid the hazards of an explosive incident.

Primary Core Capability

Threats and Hazard Identification

Mission Areas

- Prevent

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Leslie Griego

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Email: lgriego@emrtc.nmt.edu

Prevention of and Response to Suicide Bombing Incidents, Customized AWR-131-C

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 1.5 hours

Course Delivery: Mobile Training

Course Level: Awareness

Course Description

This conference level course is designed to train personnel to identify and take appropriate action in the event of a potential or realized WMD suicide bombing incident

Course Objectives

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

- Describe potential suicide bombing improvised explosive devices, device materials, hazards and community information sources of potential suicide bombing threats.
- Identify the components of a suicide bombing improvised explosive device (SBIED).
- Describe the various SBIED delivery methods.
- Describe operational methodologies used by terrorist groups employing the suicide bombing tactic to enable early detection and interdiction.
- List ways the private section can be engaged in counter-terrorism information collection efforts to disrupt suicide bombing attacks in the early phases of attack preparation.

Primary Core Capability

Intelligence and Information Sharing

Mission Areas

- Prevent

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Search & Rescue
- Transportation

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Leslie Griego

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Understanding and Planning for School Bomb Incidents AWR-132

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 4.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

Continuing Education Units

General: .4

Course Description

This four-hour awareness level course provides participants with the language and tools required to effectively assess school bomb incident response plans and guide recommendations. The course identifies the factors involved in school bomb threats; critical response actions based on scenario types; the primary components of an improvised explosive device; and critical components of a school bomb related response plan.

Course Objectives

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

- Describe factors involved in school bomb threats
- Identify response actions based on scenario types and factors associated with time, distance, and shielding
- Identify the primary components of commonly found IEDs
- Recognize preventive school bomb incident measures and address the measures in a response plan

Primary Core Capability

Planning

Mission Areas

- Prevent

Target Audience

- Emergency Medical Services
- Fire Service
- Law Enforcement

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Barbara Kuhns

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Email: bkuhns@emrtc.nmt.edu

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

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 4.0 hours

Course Delivery: Online Training

Course Level: Awareness

Continuing Education Units

General: 4

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

Target Audience

- Emergency Medical Services
- Fire Service
- Law Enforcement

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Lonnie Marquez

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Email: lmarquez@admin.nmt.edu

Promoting Community Cyber Security AWR-135

Course Provider: Texas Engineering Extension Service **Course Length:** 6.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

The course is designed to provide an overview of the steps taken within organizations to protect their cyber resources. It will also look at that protection within the context of the broader community. Participants will explore the impact of the interconnections and dependencies introduced by information technology.

Course Objectives

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

- Recognize various types of cyber threats and attacks
- Identify the dimensions and general structure of the Community Cyber Security Maturity Model (CCSMM)
- Recognize failures and successes in each of the CCSMM dimensions
- Identify how to improve those dimensions within their own community and/or organization
- Describe interdependencies associated with the CCSMM

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

- Protect

Target Audience

- 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

Point of Contact

KE Registration Desk

Phone: 800-541-7149

Email: ke@teex.tamu.edu

Essentials of Community Cyber Security AWR-136

Course Provider: Texas Engineering Extension Service
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Governmental Administrative
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety

NTED

- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

KE Registration Desk

Phone: 800-541-7149

Email: ke@teex.tamu.edu

Network Assurance, Web-Based AWR-138-W

Course Provider: Texas Engineering Extension Service **Course Length:** 5.0 hours
Course Delivery: Online Training **Course Level:** Awareness

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 firewal, 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 protectionof 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 auding
- 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 knowlege 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 Traffick 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

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

Target Audience

- 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

Point of Contact

KE Registration Desk

Phone: 800-541-7149

Email: ke@teex.tamu.edu

Course Website: https://teex.org/nerrtconline

Digital Forensics Basics, Web-Based AWR-139-W

Course Provider: Texas Engineering Extension Service
Course Length: 5.0 hours
Course Delivery: Online Training
Course Level: Awareness

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.

Prerequisites

- None

Primary Core Capability

Forensics and Attribution

Secondary Core Capability(s)

- Forensics and Attribution

Mission Areas

- Protect

Target Audience

- 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

Point of Contact

KE Registration Desk

Phone: 800-541-7149

Email: ke@teex.tamu.edu

Course Website: https://teex.org/nerrtconline

Introduction to Radiological Nuclear WMD Operations AWR-140

Course Provider: Counterterrorism Operations Support
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services

NTED

- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

WMD Radiological/Nuclear Awareness Course, Train-the-Trainer AWR-140-1

Course Provider: Counterterrorism Operations Support **Course Length:** 3.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

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:

- 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.
- 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.
- 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.
- 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.

Prerequisites

- 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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

WMD Radiological/Nuclear Awareness Course Web-Based AWR-140-W

Course Provider: Counterterrorism Operations Support **Course Length:** 3.0 hours
Course Delivery: Online Training **Course Level:** Awareness

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

Port and Vessel Security for Public Safety and Maritime Personnel AWR-144

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

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 theirresponse role with the wider port security stakeholder group.

Prerequisites

- Course Participants must be U.S. citizens
- IS-100, IS-700 are recommended

Primary Core Capability

Intelligence and Information Sharing

Secondary Core Capability(s)

- Critical Transportation
- Environmental Response/Health and Safety
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Planning
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Areas

- Protect
- Respond
- Recover

NTED

- Mitigation

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Public Health

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Jason Mullins

Phone: 606-677-6043

Email: jmullins@centertech.com

Port and Vessel Security for Public Safety and Maritime Personnel, Train-the-Trainer AWR-144-1

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

This instructor-led course is designed to prepare individuals to teach the AWR 144 curriculum in their jurisdictions. Characteristics of adult learners, types of learning styles, and effective preparation strategies are discussed in an Adult Learning module. Participants are required to conduct a teach-back using their knowledge of the subject matter and adult learning principles. Major discussion points relative to the AWR 144 course materials are reviewed to ensure participants have 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. A foundation for this working knowledge will be built by explaining the extent of the maritime transportation system followed by a discussion on the vulnerabilities of that system.

The participants will be given instruction concerning specific maritime security regulations affecting facilities and vessels (e.g., MARSEC levels, SSI, TWIC, etc.). Potential hazards in the dock and vessel environment will also be identified. Additional resources which participants can reference for more information, such as HOMEPORT and others, will be discussed.

Course Objectives

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

- Describe the characteristics of the U.S. 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
- Identify risks to the maritime sector that they might encounter in their respective jurisdictions
- List relevant U.S. codes, laws, and regulations important to the security posture of the facilities and vessels in their jurisdictions
- Describe the security measures required at each MARSEC level
- Define sensitive security information (SSI), describe major handling, transmission and storage regulations, and describe procedures to follow if disclosed SSI is turned into them
- 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

Prerequisites

- Port and Vessel Security for Public Safety and Maritime Personnel (AWR-144)
- Participant must be a U.S. citizenCertified trainer, administrator, manager, or safety and security personnel with extensive experience in maritime safety and security within rural naviable waterways.
- IS 100
- IS 700

Primary Core Capability

Planning

Secondary Core Capability(s)

- Environmental Response/Health and Safety
- Intelligence and Information Sharing
- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Physical Protective Measures
- Risk Management for Protection Programs and Activities

Mission Areas

- Prevent
- Protect
- Respond
- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Safety Communications

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Rail Car Incident Response AWR-147

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

The AWR 147 Rail Car Incident Response 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:

- Recognize the chemical being transported, which has physical, chemical, and toxicological properties that dictate the transportation requirements and the manner in which the chemical must be considered in an emergency situation
- Identify the packaging system, which is reflected in the design and construction of the rail tank car, and the components of the rail car as well as all the information conveyed in the car stenciling
- Explain the incident to determine the damage to the car and the potential hazard to people, property, and the environment from the release or reaction of the chemical and to take appropriate protective action
- Recognize the appropriate and safest handling method of the chemical in the damaged car to mitigate the situation, whether by transfer, neutralization, venting, flaring, etc., and understanding these options
- Recognize the many conflicting interests represented by all the potential participants at an incident
- Identify federal, state and private sector resources available to assist in the response

Prerequisites

- Participant must be a U.S. citizenIS 100: Introduction to the Incident Command System (ICS)

Primary Core Capability

Planning

Secondary Core Capability(s)

- Environmental Response/Health and Safety
- Infrastructure Systems
- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Physical Protective Measures
- Threats and Hazard Identification

Mission Areas

- Prevent
- Protect
- Respond

Target Audience

- Emergency Medical Services
- Fire Service

NTED

- Hazardous Material
- Law Enforcement
- Public Safety Communications
- Public Works

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Crisis Management for School-Based Incidents--Partnering Rural Law Enforcement, First Responders, and Local School Systems AWR-148

Course Provider: Rural Domestic Preparedness Consortium
Course Length: 7.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

Course Description

Developed by the University of Findlay as a member of the RDPC, this Awareness level course has been developed 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 a school-based emergency. Rural schools, law enforcement, and other emergency responders are often limited in resources, so it is imperative that all potentially affected parties collaborate on planning, preparing, communicating, responding, and recovering from a school-based incident. This course provides an opportunity to partner the rural emergency response community and the local school systems. Specifically, this course will allow them to collaborate, communicate, and share information, to achieve coordinated awareness of, prevention of, protection against, and response to school-based incidents in a rural community.

Course Objectives

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

- Define terminology commonly used in school emergency management
- List and provide example commonly identified vulnerabilities of schools
- Define and explain domestic threats, domestic violnce spillover, workplace violence, and terrorism
- Define and explain targeted violence and the associated process
- Contrast phyiscal and behavioral profiling
- Explain the Threat Assessment Inquiry process
- Define the three levels of lockdown and situations that would warrant each level
- Describe actions taken by school personnel and emergency responders, mainly law enforcement, during shelter-in-place
- Describe the Dual Gate Parent Reunification process
- Describe actions and expectations of mental health defusing and debriefing
- Describe issues surrounding incident anniversaries, memorials, and "copy-cat" events
- Describe collaborative roles of law enforcement and schools in posts-crisis communications
- Identify pertinent training tools and resources available fro all disciplines

Prerequisites

- Participant must be a U.S. Citizen

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

- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Governmental Administrative
- Law Enforcement
- Other
- Public Safety Communications
- Public Works

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Crisis Management for School-Based Incidents -Partnering Rural Law Enforcement, First Responders, and Local School Systems- Train the Trainer AWR-148-1

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

Developed by the University of Findlay as a member of the RDPC, this instructor-led course is designed to prepare individuals to teach the AWR 148 Crisis Management for School-Based Incidents: Partnering Rural Law Enforcement, First Responders, and Local School Systems curriculum in their jurisdictions. Characteristics of adult learners, types of learning styles, and effective preparation strategies are discussed in an adult learning module. Participants are required to conduct a teach-back using their knowledge of the subject matter and adult learning principles. Major discussion points relative to the AWR 148 course materials are reviewed to ensure participants fully grasp the elements that must be in place to effectively plan and prepare for, respond to, and recover from a school-based emergency. This Train-the-Trainer course emphasizes the collaboration and communication that must exist amongst the local emergency responders, school personnel, and other community stakeholders for maximum coordination in the event of a school-based incident.

Course Objectives

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

- Describe the characteristics of adult learners
- List type of learning styles
- Describe the effective preparation strategies for delivering AWR 144: Port and Vessel Security for Public Safety and Maritime Personnel.
- Define terminology commonly used in school emergency management.
- List and provide examples of commonly identified vulnerabilities of schools.
- Define and explain the threats from domestic sources, domestic violence spill-over, workplace violence, and terrorism.
- Define and explain targeted violence and the targeted violence process.
- List and define the four types of threats.
- Contrast physical and behavioral profiling.
- Explain the Threat Assessment Inquiry process.
- Define the three levels of lockdown and the situation(s) that would initiate such a response protocol and the law enforcement response.
- Describe considerations related 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 sessions for responders and victims.
- Describe issues surrounding incident anniversaries, memorials, and “copycat” events.
- Describe collaborative roles of law enforcement and schools in post-crisis communications.
- Identify training tools and resources to utilize after this training course is complete.
- Demonstrate a foundation of knowledge regarding crisis management for school-based incidents by completing a post-test.

Prerequisites

- Participant must be a U.S. citizen

Primary Core Capability

Planning

Secondary Core Capability(s)

- On-scene Security, Protection, and Law Enforcement

Mission Areas

- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Safety Communications
- Public Works

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Crisis Management for School-Based Incidents-Partnering Rural Law Enforcement, First Responders, and Local School Systems-Web-Based AWR-148-W

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Online Training **Course Level:** Awareness

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 Reunificationand 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

NTED

- Protect
- Respond
- Recover
- Common

Target Audience

- Other
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Understanding the Dangers of Agroterrorism AWR-151

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 3.5 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

The first course in the Western Institute of Food Safety & Security (WIFSS) Agroterrorism Preparedness Curriculum for Frontline Responders and is an awareness-level course. Local and regional emergency response teams gain an awareness of the potential targets and impacts of agroterrorism and learn how effective preplanning within a community can mitigate acts of agroterrorism.

Course Objectives

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

- Describe the dangers of agro-terrorism attacks and how these attacks could harm their communities
- Gain an awareness of the potential threats and targets of agro-terrorism
- Gain an awareness of how assessment tools can be used to evaluate the vulnerability of potential agriculture targets
- Recognize the challenges confronting the response to an agro-terrorism incident
- Determine the responses of different elements in the Federal, state, tribal, and local frontline emergency response teams to a scenario involving an attack on animals, plants, or food
- Engage their classmates in discussions during multiple steps in a scenario to see both the challenges and benefits of the team approach in a response effort
- Summarize the core course conclusions, understand the course goals, complete the course post-test, and evaluate the course

Prerequisites

- Standardized Awareness Training (AWR-160)

Primary Core Capability

Infrastructure Systems

Mission Areas

- Common

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care
- Law Enforcement
- Other
- Public Health
- Security and Safety

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Standardized Awareness Training AWR-160

Course Provider: Center for Domestic Preparedness
Course Length: 8.0 hours
Course Delivery: Mobile/Non-Resident, Residential, Indirect
Course Level: Awareness

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.

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

Target Audience
- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguilar

Phone: 256-231-0106

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Standardized Awareness Authorized Training, Train-the-Trainer AWR-160-1

Course Provider: Center for Domestic Preparedness **Course Length:** 24.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Awareness

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:

- Instill the knowledge and skills to plan, coordinate, conduct, and administer the SAT course.
- 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.
- Validate the ability of a trainer candidate to present and facilitate instruction in accordance with the SAT plan of instruction and associated instructional materials.

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

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology

NTED

- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguilar

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Conocimiento Sobre Armas de Destruccion Masiva/Terrorismo para Socorristas (WMD/Terrorism Awareness for Emergency Responders

AWR-160-F

Course Provider: Texas Engineering Extension Service
Course Length: 4.0 hours
Course Delivery: Online Training
Course Level: Awareness

Continuing Education Units

General: 4

Course Description

Este curso en l -nea se centra en la capacitacion a socorristas, a fin cumplir con los requisitos establecidos por la Asociacion Nacional de Proteccion contra el Fuego (National Fire Protection Association, NFPA) 472 (Ed. 2008), Cap tulo 4 "Competencias del personal en nivel introductorio" y la Administracion de Seguridad y Salud Ocupacional (Occupational Safety and Health Administration, OSHA) Cdigo 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 destruccion masiva (Weapons of Mass Destruction, WMD). Proporciona a los participantes el conocimiento para reconocer el material peligroso, auto protegerse, notificar a los demas y asegurar la escena.

Course Objectives

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

- Prevencion y disuasion
- Identificacion de materiales peligrosos y Guia de respuesta ante emergencias (Emergency Response Guide, ERG)
- Agentes quimicos Agentes biologicos Materiales radiologicos y armas nucleares
- Dispositivos de explosi

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Kent Gardner

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Course Website: https://teex.org/nerrtconline

Terrorism Awareness for Emergency First Responders, Web-Based AWR-160-W

Course Provider: Texas Engineering Extension Service **Course Length:** 4.0 hours
Course Delivery: Online Training **Course Level:** Awareness

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 Emergecy 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

Secondary Core Capability(s)

- Community Resilience
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Long-term Vulnerability Reduction
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Public Information and Warning

NTED

- Risk Management for Protection Programs and Activities
- Risk and Disaster Resilience Assessment
- Screening, Search, and Detection
- Situational Assessment
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Prevent
- Protect
- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Harvey E. Stewart Jr

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Course Website: https://teex.org/nerrtconline

Sport Event Risk Management AWR-167

Course Provider: Texas Engineering Extension Service **Course Length:** 14.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

This course is focused upon building capabilities for multi-agency collaboration. Intact university or venue teams will learn to agree on basic concepts relative to: planning, risk assessment, training, exercising plans, and recovery / business continuity through scenario-based training modules. The university or venue teams will be composed of specialists from five distinct areas: campus police or venue security, athletic department, emergency management, fire/HazMat and emergency medical/health services. The expectation is for these leadership teams to return to their respective universities or venues and coordinate development of a sport event security management system. The Sports Event Security Aware (SESA) assessment system, developed by the National Center for Spectator Sports Safety and Security (NCS4) will be the basis for these back-home developments.

Course Objectives

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

- Understand the global threat environment and be able to identify sport event threats
- Understand the Sport Event Security Aware (SESA) system and its importance to the continuous improvement process in security sport venues
- Identify, describe and better understand the concepts of a coordinated response/recovery structure, the Incident Command System (ICS), the Unified Command System (UCS) and the location/organization/staffing of a Command Post (CP) and the Emergency Operations Center (EOC) in support of a university sport event
- Define effective information sharing processes and develop multi-agency collaboration capabilities
- Develop, update, and implement effective sport event security management plans
- Understand risk management concepts and the risk assessment process for sport venues
- Identify, understand and determine the best available protective measures for sport venues on college campuses
- Develop and implement a staff training cycle relative to sport event security management
- Conduct a training exercise involving key partners and evaluate outcomes in order to address gaps and ensure continuous improvement
- Implement the Sports Event Security Aware system

Prerequisites

- Prerequisites are not mandatory, but participants are highly encouraged to complete IS-100, IS-200, IS-700, and IS-800B

Primary Core Capability

Operational Coordination

Secondary Core Capability(s)

- Access Control and Identity Verification
- Economic Recovery
- Physical Protective Measures
- Screening, Search, and Detection
- Threats and Hazard Identification

Mission Areas

- Protect
- Respond
- Common

Target Audience

- Emergency Management

NTED

- Fire Service
- Hazardous Material
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

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Cyber Law and White Collar Crime, Web-Based AWR-168-W

Course Provider: Texas Engineering Extension Service **Course Length:** 10.0 hours
Course Delivery: Online Training **Course Level:** Awareness

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

Target Audience

- 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

Point of Contact

KE Registration Desk

Phone: 800-541-7149

Email: ke@teex.tamu.edu

Course Website: https://teex.org/nerrtconline

Cyber Incident Analysis and Response, Web-Based AWR-169-W

Course Provider: Texas Engineering Extension Service **Course Length:** 9.0 hours
Course Delivery: Online Training **Course Level:** Awareness

Continuing Education Units

IACET: 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.

Prerequisites

- 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

Mission Areas

- Respond

Target Audience

- 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

Point of Contact

TEEX-Knowledge Engineering

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Email: ke@teex.tamu.edu

Course Website: www.teex.org/nerrtconline

Information Security Basics, Web-Based AWR-173-W

Course Provider: Texas Engineering Extension Service **Course Length:** 13.0 hours
Course Delivery: Online Training **Course Level:** Awareness

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.

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Fire Service
- Governmental Administrative
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

NTED

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Catherine Gibson

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Course Website: https://teex.org/nerrtconline

Cyber Ethics, Web-Based AWR-174-W

Course Provider: Texas Engineering Extension Service **Course Length:** 10.0 hours
Course Delivery: Online Training **Course Level:** Awareness

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 hackticism
- Describe online stalking, harassment, and other online crimes introduced by cyber technology

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management

NTED

- 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

Point of Contact

Tim Thorson

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Course Website: https://teex.org/nerrtconline

Information Security for Everyone, Web-Based AWR-175-W

Course Provider: Texas Engineering Extension Service **Course Length:** 10.5 hours
Course Delivery: Online Training **Course Level:** Awareness

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-proquo 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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Works
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

KE Registration Desk

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Course Website: https://teex.org/nerrtconline

Disaster Recovery for Information Systems, Web-Based AWR-176-W

Course Provider: Texas Engineering Extension Service
Course Length: 11.0 hours
Course Delivery: Online Training
Course Level: Awareness

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. Business Information Continuity 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

Target Audience

- 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

NTED

- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Catherine Gibson

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Course Website: https://teex.org/nerrtconline

Information Risk Management, Web-Based AWR-177-W

Course Provider: Texas Engineering Extension Service
Course Length: 13.0 hours
Course Delivery: Online Training
Course Level: Awareness

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

Prerequisites

- 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

Target Audience

- Citizen/Community Volunteer

NTED

- Fire Service
- Governmental Administrative
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

KE Registration Desk

Phone: 800-541-7149

Email: ke@teex.tamu.edu

Course Website: https://teex.org/nerrtconline

Secure Software, Web-Based AWR-178-W

Course Provider: Texas Engineering Extension Service
Course Length: 5.0 hours
Course Delivery: Online Training
Course Level: Awareness

Continuing Education Units

General: 1

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 andrace 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

Prerequisites

- 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

Target Audience

- Emergency Management
- Emergency Medical Services

NTED

- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

KE Registration Desk

Phone: 800-541-7149

Email: ke@teex.tamu.edu

Course Website: https://teex.org/nerrtconline

Dealing with the Media: A Short Course for Rural First Responders AWR-209

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 6.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

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.

Prerequisites

- ICS 100
- ICS 700

Primary Core Capability

Public Information and Warning

Secondary Core Capability(s)

- Infrastructure Systems
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Situational Assessment

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care
- Law Enforcement
- Public Health

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Critical Infrastructure Security and Resilience Awareness AWR-213

Course Provider: Texas Engineering Extension Service
Course Length: 8.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

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

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Ed Brickley

Phone: 979-862-1512

Email: ed.brickley@teex.tamu.edu

Course Website: https://teex.org/Pages/Program.aspx?catID=459&courseTitle=Critical Infrastructure Protection

Tsunami Awareness AWR-217

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

Course Length: 6.5 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Course Website: https://ndptc.hawaii.edu

Site Protection through Observational Techniques (SPOT) AWR-219

Course Provider: Louisiana State University
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

Course Description

Public safety personnel or other personnel who have extensive contact with the public are in the best position to identify unusual packages, suspicious substances, and people who are acting suspiciously. However, they need to acquire skills in what to look for and how to respond skills that can be acquired through rigorous emergency planning, regular emergency testing and drills, and extensive training. Specifically, security personnel must engage in the four activities included in the ongoing screening process: assessing, identifying, evaluating, and acting.

The tragic events surrounding the bomb attack at the Boston Marathon (2013); the terrorist train bombings in Mumbai (2006), Madrid (2004), and Moscow (2004), and on the subway in London (2005); the terrorist aircraft attacks of September 11, 2001 in New York, Virginia, and Pennsylvania; the ongoing suicide bomb attacks against buses in Israel; and, the Sarin attacks of the Tokyo subway system in 1995 are all terrible reminders of how vulnerable free nations' public is to terrorist attacks.

As these threats have increased and evolved, the US government has expanded its support for initiatives to prepare personnel to respond appropriately and safely to terrorist incidents involving CBRNE that are targeted at our infrastructure. The US Department of Homeland Security (DHS) and the Federal Emergency Management Agency (FEMA) are supporting several major initiatives to improve the capability of agencies to respond to terrorist incidents. This Site Protection through Observational Techniques (SPOT) course is one of those major initiatives. It is designed to provide awareness-level training to public safety personnel.

During this course, participants will be provided with an overview of security operations that can be used to protect assets from terrorist acts. Participants will be able to incorporate the four elements of SPOT, including assessment, identification, evaluation, and action, into their standard practices.

Course Objectives

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

- Define assessment and discuss its importance, and assess targets in terms of their criticality, threats, vulnerabilities, and existing security countermeasures and zone locations
- Identify preoperational activities of terrorists and criminals and evaluate those activities in relation to established baselines.
- Describe appropriate actions, if any, to take based on previous evaluations as well as how to report those actions and related information.

Prerequisites

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

Primary Core Capability

Long-term Vulnerability Reduction

Secondary Core Capability(s)

- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement

Mission Areas

- Prevent

Target Audience

- Law Enforcement
- Security and Safety
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

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

Course Provider: Louisiana State University
Course Length: 8.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

Continuing Education Units

General: .8

Course Description

Public safety personnel or other personnel who have extensive contact with the public are in the best position to identify unusual packages, suspicious substances, and people who are acting suspiciously. However, they need to acquire skills in what to look for and how to respond skills that can be acquired through rigorous emergency planning, regular emergency testing and drills, and extensive training. Specifically, security personnel must engage in the four activities included in the ongoing screening process: assessing, identifying, evaluating, and acting. The tragic events surrounding the bomb attack at the Boston Marathon (2013); the terrorist train bombings in Mumbai (2006), Madrid (2004), and Moscow (2004), and on the subway in London (2005); the terrorist aircraft attacks of September 11, 2001 in New York, Virginia, and Pennsylvania; the ongoing suicide bomb attacks against buses in Israel; and, the Sarin attacks of the Tokyo subway system in 1995 are all terrible reminders of how vulnerable free nations' public is to terrorist attacks.

As these threats have increased and evolved, the US government has expanded its support for initiatives to prepare personnel to respond appropriately and safely to terrorist incidents involving CBRNE that are targeted at our infrastructure.

The US Department of Homeland Security (DHS) and the Federal Emergency Management Agency (FEMA) are supporting several major initiatives to improve the capability of agencies to respond to terrorist incidents. This Site Protection through Observational Techniques (SPOT) course is one of those major initiatives. It is designed to provide awareness-level training to public safety personnel.

During this course, participants will be provided with an overview of security operations that can be used to protect assets from terrorist acts. Participants will be able to incorporate the four elements of SPOT, including assessment, identification, evaluation, and action, into their standard practices.

Course Objectives

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

- Define assessment and discuss its importance, and assess targets in terms of their criticality, threats, vulnerabilities, and existing security countermeasures and zone locations
- Identify preoperational activities of terrorists and criminals and evaluate those activities in relation to established baselines
- Describe appropriate actions, if any, to take based on previous evaluations as well as how to report those actions and related information.
- Participants will be able to successfully teach an indirect delivery of Site Protection through Observational Techniques (SPOT).

Prerequisites

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

Primary Core Capability

Interdiction and Disruption

Secondary Core Capability(s)

- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement

Mission Areas

- Prevent

Target Audience

- Law Enforcement
- Security and Safety
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Secondary Screener Radiation Detection Kit Components and Controls, Web-Based AWR-224-W

Course Provider: Counterterrorism Operations Support
Course Length: 1.5 hours
Course Delivery: Online Training
Course Level: Awareness

Continuing Education Units

General: 1

Course Description

The Secondary Screener Radiation Detection Kit (SS/RDK) web-based course provides general information on the purpose and use of the FH40 and Probes contained in the Thermo Scientific Emergency Radiation Detection Kit (RDK). The course is divided into five units, providing basic information and some of the basic skills necessary to use the RDK in a variety of settings. It is recommended, but not required, that the participant have an RDK in front of them while they take this course.

To register for this course, please contact www.ctosnnsa.org

Course Objectives

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

- Given the Web based training program and an operational Emergency Radiation Detection Kit (RDK), if available,identify the controls and components of the FH40G-L survey rate meter.
- Given the Web based training program and an operational Emergency Radiation Detection Kit (RDK), if available,describe the contents of the Thermo Scientific Emergency Radiation Detection Kit.
- Given the Web based training program and an operational Radiation Detection Kit (RDK), if available,list the steps required to perform a pre-operations.
- Given the Web based training program and an operational Radiation Detection Kit (RDK), if available,observe the various alarms which occur when operation the FH40G-L with/without a probe attached.
- Given the Web based training program and an operational Emergency Radiation Detection Kit (RDK), if available, describe the probes contained within the radiation detection kit and their characteristics in the detection of radiation.

Prerequisites

- Primary Screener / Personal Radiation Detector (PER-243)
- Secondary Screener/Radiation Isotope Identifier Device (SS/RIID) (PER-245)
- Working knowledge of PRDs and RIIDs, equivalent experience, knowledge, skills, and/or abilities.

Primary Core Capability

Screening, Search, and Detection

Secondary Core Capability(s)

- Screening, Search, and Detection

Mission Areas

- Prevent

Target Audience

- Emergency Medical Services
- Fire Service
- Law Enforcement

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-962-2867

NTED

Email: ctosreg@nv.doe.gov

Coastal Community Resilience: Building Resilience from the Inside Out AWR-228

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

Course Length: 7.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

Continuing Education Units

IACET: .6

Course Description

The course will focus on resilience as a unifying framework for community-based planning, preparedness, response, and recovery. The course will emphasize target capabilities to enhance preparedness and response to natural hazards including chronic hazards and hazard events through integration of risk-based, community-based, and collaborative strategies into existing plans and programs.

Course Objectives

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

- Understand the need for coastal communities to focus efforts on building resilience in all sectors of their communities.
- Understand the components of Coastal Community Resiliency (CCR) and the benefits of CCR.
- Understand natural hazards, their impacts on coastal communities, and how assessing risk supports coastal community resilience (CCR)
- Indentify the comprehensive array of best practices needed to build coastal community resilience in their local community.
- Complete a post-test and course evaluation.

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

- Common

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Fire Service
- Governmental Administrative
- Law Enforcement
- Other

Training Certificates

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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Mass Fatalities Planning and Response for Rural Communities AWR-232

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

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

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

Secondary Core Capability(s)

- Environmental Response/Health and Safety
- Forensics and Attribution
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning

Mission Areas

- Respond

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Course Website: https://elearning.ruraltraining.org/

Volcanic Crises Awareness Course AWR-233

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

Course Length: 12.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

Prerequisites

- None

Primary Core Capability

Public Health, Healthcare, and Emergency Medical Services

Mission Areas

- Common

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Pipeline Security in Rural Communities AWR-302

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

The purpose of this 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 the rural pipeline sector is secure and resilient. A review of pipeline components and the importance of pipeline systems to our nation's economy will emphasize the need for all stakeholders to be able to collaborate efficiently and effectively to protect the critical pipeline infrastructure in our country.

The course will include several participant activities and scenarios to ensure the nation's emergency responders are able to work seamlessly with private industry and the various federal agencies that would respond to an attack on the nation's pipeline system. The course objectives will enhance the participants' mitigation, response, and recovery capabilities through both classroom instruction and scenario-based activities. This format will promote greater understanding and collaboration among parties responsible for pipeline security, and will enhance operational capabilities between the many partners who may respond to a rural pipeline security incident.

Course Objectives

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

- Identify the role of the pipeline stakeholders (including emergency responders and pipeline industry) in the pipeline security process.
- Describe the interdependency among the major pipeline systems and other transportation modes.
- Identify different types of pipeline systems, components, and products that can flow through the systems.
- Understand how to identify pipeline systems in the field.
- Describe government and industry programs that impact pipeline security.
- Identify indicators of suspicious activity and other man-made activities that may threaten a pipeline.
- Demonstrate pipeline threat identification and mitigation by participating in scenario-based activities.

Prerequisites

- Participant must be a U.S. citizen

Primary Core Capability

Planning

Secondary Core Capability(s)

- Economic Recovery
- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Physical Protective Measures
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Areas

- Prevent
- Protect
- Respond
- Recover

Target Audience

- Emergency Management
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Works
- Security and Safety

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Shopping Center Security Terrorism Awareness Training Program, Web-Based AWR-304-W

Course Provider: Louisiana State University
Course Length: 5.0 hours
Course Delivery: Online Training
Course Level: Awareness

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 shoppingcenters
- 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

NTED

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

Target Audience

- Law Enforcement
- Security and Safety

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Natural Disaster Awareness for Caregiver of Senior Citizens: Building Senior Resilience AWR-308

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

Course Length: 4.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Other

Training Certificates

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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Natural Disaster Awareness for Community Leaders AWR-310

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

Course Length: 4.5 hours

Course Delivery: Mobile Training

Course Level: Awareness

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.

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

Target Audience

- Citizen/Community Volunteer

NTED

- Governmental Administrative
- Other

Training Certificates

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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Homemade Explosives: Awareness, Recognition, and Response AWR-313

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

Continuing Education Units

General: .8

Course Description

This awareness level mobile course addresses some of the major considerations a jusidiction is required to answer when creating plans, procedures, and tactics to prevent and respond to homemade explosive incidents.

Course Objectives

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

- Identify components, interactions, and physical properties associated with explosive materials and explosive events.
- Recognize precursor materials used in the making of homemade explosives; and the similarities and differences in the precursors used in homemade explosives and illicit drugs.
- Recognize the processes of making homemade explosives; and the similarities and differences in the processes of homemade explosives and illicit drugs.
- Identify various types of homemade explosives based on the precursor and manufacturing equipment observed at a potential homemade explosive manufacturing location.
- Respond safely and appropriately to a possible incident involving some or all of the following - homemade explosive materials, precursors, or improvised explosive devices.
- Provide information to public and private sectors concerning the identification and prevention of bomb making activity.

Prerequisites

- · United States Citizen· Actively employed or auxiliary member of a state, local, tribal, or federal first responder agency· Sufficient tenure remaining in their current or future position to allow for the application of course material upon their return

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Interdiction and Disruption
- Long-term Vulnerability Reduction
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Public Information and Warning
- Situational Assessment
- Threats and Hazard Identification

Mission Areas

- Prevent

Target Audience

- Agriculture
- Animal Emergency Services
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications

NTED

- Search & Rescue
- Transportation

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Leslie Greigo

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Mass Prophylaxis Awareness for Public Health Emergencies AWR-314-W

Course Provider: Texas Engineering Extension Service **Course Length:** 2.5 hours
Course Delivery: Online Training **Course Level:** Awareness

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

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

Target Audience

- 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

Point of Contact

Phone: 979-862-1063

Email: Juan.Guerrero@teex.tamu.edu

Course Website: https://teex.org/nerrtconline

Criminal Intelligence Analysis Essentials AWR-315

Course Provider: Louisiana State University
Course Length: 20.0 hours
Course Delivery: Mobile Training
Course Level: Awareness

Course Description

This awareness-level course, Criminal Intelligence Analysis Essentials, presents participants with the fundamental core capabilities required for intelligence analysis from an all-crimes, all-hazards perspective, encompassing traditional crimes, domestic and international acts of terrorism, and other potential crises. It introduces entry-level intelligence personnel to intelligence and the difference between information and intelligence, the Intelligence Community, and the responsibilities of an intelligence analyst. The course teaches participants the goals of and uses of intelligence analysis, the range of intelligence customers, and the importance of having a thorough understanding of the customer's intelligence need. It reviews and examines each of the six steps in the intelligence process and the importance of critical and creative thinking to each step. Intelligence-led policing, the information sharing environment, and suspicious activity reporting are reviewed, as well as legal authorities and guidance including privacy, civil rights, and civil liberties legislation. The course also reviews the benefits of forming strategic partnerships and collaborative networks.

The ultimate goal is to ensure intelligence personnel receive a foundation of knowledge, skills, and abilities to increase their capacity to produce intelligence. This foundation of knowledge will enhance the individual's contributions to preventing and responding to criminal acts, including domestic or international acts of terrorism, and promoting public safety.

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:

- Differentiate information and intelligence,
- Compare strategic, operational, and tactical intelligence,
- Identify member agencies in the national intelligence community and the DHS Intelligence Enterprise,
- Define the six components of the intelligence process,
- Identify responsibilities and skills required of intelligence analysts,
- Review legal authorities and guidance relevant to current intelligence efforts, including criminal predicate and reasonable suspicion,
- Discuss the legal, privacy, and civil rights issues associated with criminal intelligence,
- Describe the concept of intelligence-led policing and its effect on criminal intelligence analysis,
- Identify the components and principles of the information sharing environment,
- Examine suspicious activities and suspicious activity reporting, including the benefits, sources, indicators and behaviors, and the suspicious activity reporting cycle,
- Discuss terrorism, crime, and the links between crime and terrorist or criminal organizations,
- Discuss the threats and vulnerabilities associated with US critical infrastructure from criminal

and terrorist activities,
- Define planning and direction components of the intelligence process,
- Explain how planning and direction relate to the rest of the intelligence process,
- Describe how a needs assessment relates to and benefits the intelligence process,
- Discuss how a collection plan supports and benefits the intelligence process,
- Describe two law enforcement intelligence collection methods—overt and covert,
- Identify the role of the intelligence officer as a collaborator in working with the intelligence analyst,
- Evaluate multiple information sources including open source and non-intelligence data,
- Apply information classifications and document markings in accordance with established law and policy,
- Identify members beneficial to include in strategic partnerships and collaborative networks,
- Evaluate information using source reliability and information validity rating scales,
- Discuss assigning confidence levels and probability estimates to analytic findings,
- Describe best practices and standards for evaluating and collating information,
- Identify procedures for indexing and storing information and intelligence,
- Examine how analysis is the critical component of the intelligence process,
- Identify analytic tools and methods used to analyze information,
- Describe six structured analytic techniques useful to analysis,
- Discuss hypothesis and hypothesis generation and testing,
- Discuss the importance of creative thinking and common elements of creative thinking techniques,
- Explain the importance of critical thinking to the intelligence analyst,
- Apply the questions posed by the Elements of Thought and Universal Intellectual Standards throughout the intelligence process,
- Describe the process of forming conclusions, developing recommendations, and assigning confidence levels to findings,
- Describe the goals of intelligence products, product formats, and depth,
- Examine characteristics of effective intelligence products and law enforcement analytic standards,
- Summarize components of effective written and oral intelligence products,
- Discuss dissemination, right to know, need to know, and additional dissemination considerations,
- Identify potential secondary customers of intelligence products, and
- Discuss reevaluation and the importance of evaluating intelligence products as well as the entire intelligence process.

Prerequisites
- · Participant must be US Citizen

Primary Core Capability

Intelligence and Information Sharing

Mission Areas
- Prevent

Target Audience
- Emergency Management
- Governmental Administrative
- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Deyvon Cooper

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Leveraging Tools for Conducting Damage Assessments AWR-319

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

Course Length: 8.0 hours

Course Delivery: Residential Training

Course Level: Awareness

Continuing Education Units

IACET: .6

Course Description

This is a one-day performance-level training course that develops the 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; 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; An opportunity to practice conducting a damage assessment with hands-on exercises using Commercial Off-the-Shelf (COTS) tools and software to collect damage assessments; and A brief discussion on the use of community and crowd-sourced information to enhance the damage assessment common operational picture.

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

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)

- Operational Communications

Mission Areas

- Recover

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- 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

Point of Contact

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

Natural Disaster Awareness for Security Professionals AWR-322

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

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

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Disease Containment Measures AWR-323-W

Course Provider: Louisiana State University
Course Length: 3.0 hours
Course Delivery: Online Training
Course Level: Awareness

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 riskâbenefit 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

Prerequisites

- Toenroll 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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Health Care
- Law Enforcement
- Public Health

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Course Website: *Registration Contact: http://www.ncbrt.lsu.edu

Tornado Awareness AWR-326

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

NTED

- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

All Hazards Preparedness for Animals in Disasters AWR-328

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Residential Training **Course Level:** Awareness

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

Prerequisites

- IS-100.B, IS-200.B, IS-700.A

Primary Core Capability

Physical Protective Measures

Secondary Core Capability(s)

- Community Resilience
- Operational Coordination
- Planning

Mission Areas

- Protect

Target Audience

- 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

Point of Contact

Registration Desk
Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Winter Weather Hazards: Science and Preparedness AWR-331

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue

Training Certificates

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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Course Website: https://ndptc.hawaii.edu/training

Hazardous Weather Preparedness for Campuses AWR-332

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

Target Audience

- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications

NTED

- Public Works
- Search & Rescue

Training Certificates

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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc.training@lists.hawaii.edu

Maturing Public Private Partnerships (P3) AWR-342

Course Provider: Frederick Community College **Course Length:** 20.0 hours
Course Delivery: Mobile Training **Course Level:** Awareness

Course Description

The Maturing Public-Private Partnerships Workshop is a three-day, in-person instructional training program. Topics covered in this Workshop include the historic foundations of public-private partnerships; what makes a successful partnership and typical problem areas; standardized methods to align interests and outcomes and leverage collaboration and communications; procedures to build strong pre-incident partnership teams and shared situational awareness during events; innovative models, legal considerations, and workshop tools. This Workshop will require in-person dialogs among stakeholders to explore lessons learned and fully vet best practices. The Workshop culminates in the presentation of personal partnership improvement plans that each participant will develop during the three days of training.

Course Objectives

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

Terminal Objective: By the end of this three-day instructional Workshop participants will be able to apply innovative techniques and strategies for integrated public-private partnerships that bolster societal security, resilience, and preparedness for all hazards.

Enabling Objectives:

- Explain the purpose of the Maturing Public-Private Partnership Workshop.
- Define and relate the history of public-private partnerships.
- Analyze successful public-private partnerships in emergency management including at least one local success.
- Distinguish potential challenges and problem areas to emergency management public-private partnerships.
- Summarize the advantages of public-private partnerships in emergency management.
- Differentiate the common definitions of public-private partnerships in emergency management.
- Explain the development process to align stakeholder interest and promote shared outcomes.
- Appraise how PADRES and Collective Impact serve as mechanisms to leverage collaboration and communications.
- Establish the mechanisms for community resilience.
- Define and utilize metrics in relation to public-private partnerships.
- Anticipate potential emergency management public-partnership opportunities and value.
- Appraise non-contractual relationships in emergency management public-private partnerships.
- Relate the importance of communications and the sharing of situational analysis during a disaster.
- Synthesize the input of members to support the team process.
- Recognize the legal considerations and challenges in the formation and operation of public-private partnerships in emergency management.
- Create a process to ensure the sustainability of public-private partnerships in emergency management.
- Develop the vision and implementation plan for viable emergency management public-private partnerships in your environment.
- Predict developmental and sustainability challenges to your public-private partnerships.
- Distinguish the important concepts in developing, implementing, administering, sustaining, and

evaluating public-private partnerships in emergency management.

Primary Core Capability

Operational Coordination

Mission Areas

- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Public Safety Communications
- Public Works

Training Certificates

Frederick Community College Certificate of Completion

Point of Contact

Richard McClellan

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Hurricane Awareness AWR-343

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

Course Length: 4.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

Target Audience

- Emergency Management

Training Certificates

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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Cybersecurity and Cyber Incident Awareness: Knowing Yourself and Knowing the Enemy AWR-344-W

Course Provider: Illinois Emergency Management Agency **Course Length:** 4.0 hours
Course Delivery: Online Training **Course Level:** Awareness

Course Description

The purpose of this course is to create a broader awareness of the principles and best practices of a robust cybersecurity program.This course seeks to increase awareness of the participant's current cybersecurity posture and identify areas and resources for direct improvement. This course specifically utilizes the Cybersecurity Framework as a basis for building awareness due to its use of common language, flexibility, and its reliance on industry best practices.Familiarity with the Framework will help organizations build a cybersecurity program tailored to fit their own needs.Additionally, the Organizational Profile created in this course, can be utilized in a companion instructor-led course and can be used internally to help guide and focus cybersecurity efforts within the participant's organization.

Course Objectives

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

- Identify the key components and tools of the Cybersecurity Framework
- Describe the background of the Cybersecurity Framework
- Recognize the 16 Critical Infrastructure Sectors
- Describe their own Critical Infrastructure Sector
- Recognize the five categories of the Identify Function
- Create a current Organizational Profile that reflects understanding of their organization's current practice of the Identify Function
- Recognize the six Categories of the Protect Function
- Create a current Organizational Profile that reflects understanding of their organization's current practice of the Protect Function
- Recognize the risk end user introduce to the organization
- Recognize the three Categories of the Detect Function
- Create a current Organizational Profile that reflects understanding of their organization's current practice of the Detect function
- Recognize the five Categories of the Respond Function
- Create a current Organizational Profile that reflects understanding of their organization's current practice of the Respond Function
- Recognize the three Categories of the Recover Function
- Create a current Organizational Profile that reflects understanding of their organization's current practice of the Recover Function

Primary Core Capability

Cybersecurity

Mission Areas

- Protect

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care
- Information Technology
- Law Enforcement

NTED

- Public Health
- Public Safety Communications
- Public Works
- Transportation

Training Certificates

Illinois Emergency Management Agency Certificate of Completion

Point of Contact

Jennifer Rominger

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Unmanned Aircraft Systems AWR-345

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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

Secondary Core Capability(s)

- Critical Transportation
- Infrastructure Systems
- Long-term Vulnerability Reduction
- Mass Search and Rescue Operations
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Planning
- Risk and Disaster Resilience Assessment

Mission Areas

- Common

Target Audience

- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management

- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

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

Point of Contact

Registration Desk

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Climate Adaptation Planning for Emergency Management AWR-347

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

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.

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

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc.training@lists.hawaii.edu

Using the Community Cyber Security Maturity Model (CCSMM) to Develop a Cyber Security Program AWR-353-W

Course Provider: University of Texas San Antonio
Course Length: 2.0 hours
Course Delivery: Online Training
Course Level: Awareness

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

Mission Areas

- Prevent
- Common

Target Audience

- 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

Point of Contact

UTSA-CIAS

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Email: KE@teex.tamu.edu

Course Website: www.teex.org/nerrtconline

Community-led Action in Response to Violent Extremism AWR-355-W

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

Course Length: 4.0 hours

Course Delivery: Online Training

Course Level: Awareness

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

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

Target Audience

- 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

Point of Contact

START Training Team

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Email: training@start.umd.edu

Management Courses

Field Force Command and Planning MGT-300

Course Provider: Center for Domestic Preparedness
Course Length: 24.0 hours
Course Delivery: Mobile/Non-Resident, Residential
Course Level: Management

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.

Prerequisites

- AWR-160, WMD/Terrorism Awareness for Emergency Responders
- IS-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

Target Audience

- Law Enforcement

NTED

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguilar

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Jurisdictional Threat and Hazard Identification and Risk Assessment MGT-310

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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:

- Summarize the Threat and Hazard Identification and Risk Assessment process.
- Identify jurisdictional threats and hazards.
- Write threat and hazard context descriptions.
- Write core capability target statements.
- Apply Threat and Hazard Identification and Risk Assessment results to resource allocation and preparedness activities.
- Produce a sample Threat and Hazard Identification and Risk Assessment

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Michelle Mounce

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Senior Officials Workshop for All Hazards Preparedness MGT-312

Course Provider: Texas Engineering Extension Service **Course Length:** 6.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Steve Keim

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

Course Provider: Texas Engineering Extension Service **Course Length:** 28.0 hours
Course Delivery: Residential Training **Course Level:** Management

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

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health

NTED

- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Jory Grassinger

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Course Website: https://teex.org/Pages/Class.aspx?course=MGT314&courseTitle=EnhancedAll-HazardsIncidentManagementUnifiedCommand

Critical Asset Risk Management MGT-315

Course Provider: Texas Engineering Extension Service
Course Length: 16.0 hours
Course Delivery: Mobile Training
Course Level: Management

Continuing Education Units

General: 1.6

Course Description

The Critical Asset Risk Management course teaches participants how to apply all phases of the DHS/FEMA Threat and Hazard Identification and Risk Assessment process to specific jurisdictional critical infrastructure and key resources. Participants will learn methods to identify and prioritize risks from all hazards, assess vulnerabilities, estimate consequences, and use equipment, training, and exercises to mitigate risk. Multidisciplinary participant teams visit and assess facilities selected by the host jurisdiction and then determine risks, vulnerabilities, consequences, and mitigation options specific to their assigned site. Teams document their findings using a software assessment tool, develop an action plan, and present their results to the class.

Course Objectives

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

1) Identify the major components of the Threat and Hazard Identification and Risk Assessment process. 2) Characterize threats and hazards of concern. 3) Identify the local jurisdictional infrastructure that could be potential targets and their unique security requirements. 4) Define vulnerabilities within the jurisdiction. 5) Estimate the potential consequences of an all-hazards incident. 6)Discuss resilience and the preparedness cycle. 7) Develop a plan for an asset specific vulnerability assessment. 8) Assess total risk to their assigned asset.

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), and have completed a WMD/terrorism incident awareness course, or be approved by the local jurisdiction host. Completion of Jurisdictional Threat and Hazard Identification and Risk Assessment (MGT-310) and WMD/Terrorism Awareness for Emergency Responders (AWR-160-W) are recommended, but not required, to attend this course.

Primary Core Capability

Infrastructure Systems

Mission Areas

- Protect

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety

NTED

- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Karl Rehn

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Disaster Management for Public Services MGT-317

Course Provider: Texas Engineering Extension Service
Course Length: 16.0 hours
Course Delivery: Mobile Training
Course Level: Management

Continuing Education Units

General: 1.6

Course Description

This course brings together those emergency management personnel from within a jurisdiction who would be required to prevent, manage, or react to a natural, technological, or civil disaster within their community.

Course Objectives

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

- determine the jurisdiction's pre-incident preparedness.
- develop strategies for incident response.
- develop strategies for incident recovery.
- evaluate response and recovery strategies based on current capabilities.

Prerequisites

- Public Works (PW) for WMD Incidents: Basic Concepts (Internet) (AWR-112) (AWR-112)
- Recommended training: IS 100, IS 200, IS 700

Primary Core Capability

Infrastructure Systems

Mission Areas

- Prevent

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Andrew Wenzel

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Public Information in an All-Hazards Incident MGT-318

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

Target Audience

- Emergency Management
- Emergency Medical Services

NTED

- 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

Point of Contact

Shawn Mecham

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Mass Prophylaxis Preparedness and Planning MGT-319

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

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

Secondary Core Capability(s)

- Community Resilience
- Environmental Response/Health and Safety
- Fatality Management Services
- Health and Social Services
- Infrastructure Systems
- 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
- Public Health, Healthcare, and Emergency Medical Services
- Risk Management for Protection Programs and Activities
- Risk and Disaster Resilience Assessment
- Situational Assessment
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Prevent
- Protect
- Respond
- Recover

Target Audience

- 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

Point of Contact

Juan Guerrero

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Instructor Development Workshop MGT-323

Course Provider: Louisiana State University
Course Length: 24.0 hours
Course Delivery: Mobile Training
Course Level: Management

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

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

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications

NTED

- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

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Campus Emergencies Prevention, Response, and Recovery MGT-324

Course Provider: Louisiana State University
Course Length: 16.0 hours
Course Delivery: Mobile Training
Course Level: Management

Continuing Education Units

General: 1.6

Course Description

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

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

Target Audience
- Emergency Management
- Law Enforcement
- Other
- Public Safety Communications

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

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Event Security Planning for Public Safety Professionals MGT-335

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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 manage¬ment-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 ade¬quate 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 participa-tion 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 collabora¬tion 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

Prerequisites

- · Participant must be a U.S. citizenOther prerequisites:· IS-100.b – Introduction to the Incident Command System (ICS)· IS-700.a – National Incident Management System (NIMS), An Introduction
- Recommended:IS-15.b – Special Events Contingency Planning for Public Safety AgenciesIS-701.a – NIMS Multi-Agency Coordination Systems (MACS)IS-702.a – NIMS Public Information SystemsIS-703.a – NIMS Resource ManagementIS-704 – NIMS Communications and Information Management

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Health

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

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Email: helpdesk@ruraltraining.org

Event Security Planning for Public Safety Professionals, Web-Based MGT-335-W

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 16.0 hours
Course Delivery: Online Training **Course Level:** Management

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

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

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 877-855-7372

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Resource Inventory Management for Rural Communities, Web-Based MGT-339-W

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Online Training **Course Level:** Management

Course Description

This course, MGT 339-W Resource Inventory Management for Rural Communities, discusses the essential need for community resource inventory practices and effective strategies and tools utilizing community-wide strategies for short and long-term incidents. This process involves the inventory of resources from both the public and private sectors within the community and on local, county, state, and federal levels. The importance of this assessment will be emphasized regarding its role in effective emergency planning, cooperative agreements, and memorandums of understanding that should be in place between public and private sector and governmental entities before a crisis occurs. In addition to the knowledge gained through the instruction, student interaction, and additional assessment resources, the community participants will have an initial draft of their specific community-wide, comprehensive resource inventory.

Course Objectives

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

- Determine and discuss the elements of effective community-wide resource inventory practices and strategies
- Explain capabilities based typing of assets; Describe NIMS resource categorization
- Explain strategies regarding the determination of current local community resources including the public and private sectors for short-term response
- Explain strategies regarding the determination of current local community resources including the public and private sectors for long-term response
- Describe the concepts, legal ramifications, and necessity for memorandums of understanding (MOUs), cooperative agreements, and public and private partnerships regarding resource usage and allocation
- Describe the local, county, state, and federal roles in resource inventory practices and strategies
- Explain essential elements and questions to be determined in the preparation for any community-wide, comprehensive resource inventory; and Utilize current U.S. Department of Homeland Security supported community resource inventory tools and strategies

Prerequisites

- U.S. Citizen
- IS 703a and ICS 300 highly recommendedThis course will be offered on the Rural Domestic Preparedness Consortium website www.ruraltraining.org.

Primary Core Capability

Logistics and Supply Chain Management

Secondary Core Capability(s)

- Community Resilience
- Planning
- Public Information and Warning

Mission Areas

- Common

Target Audience

- Emergency Management
- Governmental Administrative
- Security and Safety

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk
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Crisis Leadership and Decision Making MGT-340

Course Provider: Texas Engineering Extension Service **Course Length:** 4.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

Prerequisites

Primary Core Capability

Planning

Secondary Core Capability(s)

- Operational Coordination
- Public Information and Warning
- Situational Assessment

Mission Areas

- Respond
- Recover
- Mitigation

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care

NTED

- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

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Course Website:

https://teex.org/Pages/Class.aspx?course=MGT340&courseTitle=CrisisLeadership&DecisionMakingforElectedOfficials

Disaster Preparedness for Hospitals and Healthcare Organizations Within the Community Infrastructure MGT-341

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

Secondary Core Capability(s)

- Community Resilience
- Economic Recovery
- Environmental Response/Health and Safety
- Fatality Management Services
- Health and Social Services
- Infrastructure Systems
- Interdiction and Disruption
- Logistics and Supply Chain Management
- Long-term Vulnerability Reduction

NTED

- Mass Care Services
- Operational Coordination
- Planning
- Public Information and Warning
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Protect
- Respond
- Recover
- Common

Target Audience

- 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

Point of Contact

Andrew Wenzel

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

Course Provider: Texas Engineering Extension Service **Course Length:** 4.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

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Course Website:

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 MGT-343

Course Provider: Texas Engineering Extension Service
Course Length: 16.0 hours
Course Delivery: Mobile Training
Course Level: Management

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.

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

Target Audience

- Emergency Management
- Fire Service
- Hazardous Material
- Other
- Public Health
- Public Works
- Security and Safety

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

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Course Website: https://teex.org/Pages/Class.aspx?course=MGT343

Disaster Management for Electric Power Systems MGT-345

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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-hazardsapproach 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.

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

Target Audience

- Emergency Medical Services
- Fire Service
- Information Technology
- Law Enforcement
- Public Works
- Security and Safety

Training Certificates

Point of Contact

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EOC Operations for All-Hazards Events MGT-346

Course Provider: Texas Engineering Extension Service **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

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

Secondary Core Capability(s)

- Community Resilience
- Critical Transportation
- Economic Recovery
- Environmental Response/Health and Safety
- Fatality Management Services
- Health and Social Services
- Housing

- Infrastructure Systems
- Intelligence and Information Sharing
- Logistics and Supply Chain Management
- Mass Care Services
- Natural and Cultural Resources
- Operational Communications
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Situational Assessment

Mission Areas

- Prevent
- Protect
- Respond
- Recover

Target Audience

- 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

Point of Contact

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Incident Command System (ICS) Forms Review MGT-347

Course Provider: Texas Engineering Extension Service **Course Length:** 4.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

Prerequisites

- IS700.a National Incident Management System (NIMS), An IntroductionIS100.b Introduction to Incident Command System, ICS100, or equivalent trainingIS200.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

Target Audience

- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Works
- Search & Rescue

NTED

- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Jason Moats

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Medical Preparedness and Response for Bombing Incidents (MPRBI) MGT-348

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

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

Target Audience

- 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

Point of Contact

Juan Guerrero

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Incident Command: Capabilities, Planning, and Response Actions for All Hazards MGT-360

Course Provider: Center for Domestic Preparedness **Course Length:** 24.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Management

Continuing Education Units

General: 2.4

Course Description

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.

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)

- Environmental Response/Health and Safety
- Infrastructure Systems
- Logistics and Supply Chain Management
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Planning
- Public Information and Warning
- Situational Assessment

NTED

- Threats and Hazard Identification

Mission Areas

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguliar

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Managing Critical Incidents for Higher Education Institutions: A Multi-Disciplinary, Community Approach MGT-361

Course Provider: Texas Engineering Extension Service **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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:

- Analyze a case of an actual incident to identify and discuss incident management considerations that need to be addressed in a disaster affecting higher education institutions.
- Identify the roles, responsibilities, and relationships of key stakeholders in the management and coordination of an incident.
- Recognize and discuss the components of emergency management preparedness and prevention.
- Identify strategic issues and considerations that should be taken into account during the initial response phase, including changes required in decision making and leadership strategies.
- Identify the fundamental roles and apply the functions of the Incident Command System (ICS) as defined by the National Incident Management System (NIMS).
- Discuss the role of the campus and community Emergency Operations Centers (EOC) and how they relate to the Multi-Agency Coordination System (MACS).
- Recognize and discuss the incident management considerations for an expanding incident.
- Identify the strategic issues of recovery as they affect higher education institutions during and after an incident.
- Apply the principles and concepts provided in this course in the context of the given scenario, while acting as part of an incident command organization.

Prerequisites

- No Prerequisites
- Recommended Courses:· IS-100.b Introduction to Incident Command (online)· IS-200.b Single Resource and Initial Action Incidents (online)· IS-300 Intermediate Incident Command System for Expanding Incidents· IS-700.a National Incident Management System (online)· IS-800.b National Response Framework (online)

Primary Core Capability

Operational Coordination

Secondary Core Capability(s)

- Community Resilience
- Operational Communications
- Planning
- Public Information and Warning
- Situational Assessment

Mission Areas

- Common

Target Audience

- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service
- 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

Point of Contact

Law Enforcement and Security Training

Phone: 979-845-6677

Email: law@teex.tamu.edu

Course Website:

https://teex.org/Pages/Class.aspx?course=MGT361&courseTitle=EOCOperationsandPlanningforAllHazards

Emergency Operations Plans for Rural Jurisdictions MGT-383

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

Prerequisites

- · IS 100 Introduction to Incident Command System· ICS 100· IS 200 ICS for Single Resourcesand 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 aU.S. citizen

Primary Core Capability

Planning

Secondary Core Capability(s)

- Access Control and Identity Verification
- Community Resilience
- Critical Transportation
- Cybersecurity
- Housing
- Infrastructure Systems
- Interdiction and Disruption
- Long-term Vulnerability Reduction
- Mass Care Services
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Public Information and Warning
- Risk Management for Protection Programs and Activities
- Risk and Disaster Resilience Assessment

- Screening, Search, and Detection
- Situational Assessment
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Protect
- Respond
- Common

Target Audience

- Emergency Management
- Fire Service
- Governmental Administrative
- Health Care
- Law Enforcement
- Public Health

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Community Preparedness for Cyber Incidents MGT-384

Course Provider: Texas Engineering Extension Service
Course Length: 12.0 hours
Course Delivery: Mobile Training
Course Level: Management

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 courseutilizes 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

Target Audience

- 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

Point of Contact

Brenda Grays

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Community Cyber Security Exercise Planning MGT-385

Course Provider: Texas Engineering Extension Service **Course Length:** 12.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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
- Understand what players are needed 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
- Identify 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

Prerequisites

- AWR-136: Essentials of Community Cyber SecurityParticipants 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

NTED

- Common

Target Audience

- 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

Point of Contact

Carla Collins

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Master of Arts Degree in Homeland Security MGT-400

Course Provider: Naval Postgraduate School
Course Length: 528.0 hours
Course Delivery: Residential Training
Course Level: Management

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

Prerequisites

- A four year degree from an accredited institution with a 3.0 GPA or aboveAll 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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health

NTED

- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Master's Degree

Point of Contact

Program Support

Phone: 831-656-3829

Email: chdsmaap@nps.edu

Planning and Intervention for Gangs, Hate and Terrorist Groups in Rural Jails and Prisons MGT-401

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

Prerequisites
- Participant must be a U.S. CitizenIS100 Introduction to the Incident Command System (ICS)

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

Target Audience
- Law Enforcement
- Other
- Public Safety Communications

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Sports and Special Events Incident Management MGT-404

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical 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

Point of Contact

George Glenn

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Mobilizing Faith-Based Community Organizations in Preparing for Disaster MGT-405

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

Prerequisites

- IS 100 Introduction to the Incident Command System (ICS)

Primary Core Capability

Community Resilience

Secondary Core Capability(s)

- Critical Transportation
- Housing
- Intelligence and Information Sharing
- Logistics and Supply Chain Management
- Mass Care Services
- Operational Coordination
- Planning
- Public Information and Warning

Mission Areas

- Prevent
- Protect
- Respond
- Recover

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Governmental Administrative
- Other

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Community Healthcare Planning and Response to Disasters MGT-409

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

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

NTED

- Recover

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Works
- Security and Safety

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Sport and Special Event Evacuation Training and Exercise MGT-412

Course Provider: Texas Engineering Extension Service **Course Length:** 14.0 hours
Course Delivery: Mobile Training **Course Level:** Management

Course Description

This course provides training for sport and special event venue managers to prepare and/or enhance evacuation planning capabilities and assist emergency responders in implementing flexible and scalable evacuation activities.

The course is highly innovative in that it builds multi-agency collaboration by delivering critical evacuation planning information utilizing SportEvac, a computerized modeling simulation and visualization training system. Participants will have the opportunity to conduct evacuation analysis of a venue under a wide range of conditions. Course outcomes will include plans and policies specific to respective sport and special event venues. This course is applicable to all venues, regardless of capacity.

Course Objectives

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

- Understand the importance of a well-defined approach to planning and managing an evacuation using ICS within the National Incident Management System (NIMS) framework
- Understand the essential components of developing an evacuation plan
- Identify, describe and better understand the concepts of planning and implementing an evacuation plan for sport venues
- Understand effective measures that ensure the evacuation emergency plan reflects the current operational strategies, organizational structures, and methodologies utilized by evacuation personnel
- Conduct a training exercise involving key partners and evaluate outcomes in order to address gaps and ensure an increasing level of preparedness for evacuations

Prerequisites

- Recommended, but not required: AWR-167Other prerequisites: Recommended, but not required: IS-100, IS-200, IS-700, IS-800B,Recommended reading: Evacuation Planning Guide for Stadiums, DHS, Fall 2008.

Primary Core Capability

Planning

Secondary Core Capability(s)

- Critical Transportation
- Fatality Management Services
- Logistics and Supply Chain Management
- Mass Care Services
- Operational Communications
- Public Health, Healthcare, and Emergency Medical Services
- Risk and Disaster Resilience Assessment
- Situational Assessment

Mission Areas

- Respond
- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Information Technology
- Law Enforcement
- Other
- Public Health

NTED

- Public Safety Communications
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Karl Rehn

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Advanced Critical Infrastructure Protection MGT-414

Course Provider: Texas Engineering Extension Service **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

Prerequisites

- 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

Target Audience

- Agriculture
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- 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

Point of Contact

Karl Rehn

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Introduction to Continuity of Government Planning for Rural Jurisdictions MGT-416

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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 Managementycle, EMAP, and PS-Prep and recognize the applicability of this course to the functions of their organization.
- Develop and implement a viable succession plan withdelegations 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 andInformationManagement,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.

Prerequisites
- Participant must be a U.S. citizen

Primary Core Capability

Community Resilience

Mission Areas
- Protect
- Respond
- Recover

Target Audience
- Citizen/Community Volunteer
- Emergency Management
- Governmental Administrative
- Law Enforcement
- Other

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Crisis Management for School-Based Incidents for Key Decision Makers MGT-417

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

Prerequisites
- Participant must be a U.S. citizenHighly recommended: AWR 148 or AWR 148-WIS 100.a Introduction to the Incident Command System (ICS)IS 700.A National Incident Management System (NIMS), An IntroductionIS 800.B National Response Framework (NRF), An IntroductionIS 200.B ICS for Single Resources and Initial Action Incidents

Primary Core Capability

Operational Coordination

Secondary Core Capability(s)
- Community Resilience
- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Planning
- Public Information and Warning
- Threats and Hazard Identification

Mission Areas
- Prevent

Target Audience
- 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

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Readiness: Training Identification and Preparedness Planning MGT-418

Course Provider: Louisiana State University **Course Length:** 13.0 hours
Course Delivery: Mobile Training **Course Level:** Management

Continuing Education Units

General: 1.3

Course Description

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

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

Course Objectives

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

- Define preparedness of the whole community, integration, and interoperability.
- Be able to recognize what preparedness tools are needed to begin a gap analysis.
- Be able to complete the first two steps of the jurisdiction training assessment process: how to identify potential members of an assessment team and complete a jurisdictional profile.
- Be able to compose training goals by performing a gap analysis of an after-action report (AAR) and an emergency operations plan (EOP).
- Be able to create a prioritized training plan and a multiyear training plan to address training goals in a jurisdiction.
- Be able to take the next steps to bring training plans to fruition.

Prerequisites

- Participants must have significant expertise in their functional areas and in training managementParticipants must have knowledge of the jurisdictional emergency response plan and mutual aid agreements as well as discipline-specific internal training processesExperience with data collection and interpreting reporting tools is important, as is the ability to create an operational calendar at the conclusion of the assessmentParticipants of the train-the-trainer course must have prior instructional experience and knowledge of instructional methodologyMust have instructor or trainer certification by the authority having jurisdictionParticipants must be United States Citizens

Primary Core Capability

Planning

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

- Prevent
- Protect
- Respond
- Recover

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Readiness: Training Identification and Preparedness Planning, Train-the-Trainer MGT-418-1

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

Continuing Education Units

General: 1.6

Course Description

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

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

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

Course Objectives

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

- Define preparedness of the whole community, integration, and interoperability.
- Be able to recognize what preparedness tools are needed to begin a gap analysis.
- Be able to complete the first two steps of the jurisdiction training assessment process: how to identify potential members of an assessment team and complete a jurisdictional profile.
- Be able to compose training goals by performing a gap analysis of an after-action report (AAR) and an emergency operations plan (EOP).
- Be able to create a prioritized training plan and a multiyear training plan to address training goals in a jurisdiction
- Be able to take the next steps to bring training plans to fruition.

Train-the-trainer:

- Be able to successfully teach an indirect delivery of Readiness: Training Identification and Preparedness Planning.

Prerequisites

- Participants must have significant expertise in their functional areas and in training managementParticipants must have knowledge of the jurisdictional emergency response plan and mutual aid agreements as well as discipline-specific internal training processesExperience with data collection and interpreting reporting tools is important, as is the ability to create an operational calendar at the conclusion of the assessmentParticipants of the train-the-trainer course must have prior instructional experience and knowledge of instructional methodologyMust have instructor or trainer certification by the authority having jurisdictionParticipants must be United States Citizens

Primary Core Capability

Planning

Mission Areas

- Prevent
- Protect
- Respond
- Recover

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Key Leader: Incident Command IND Response Program, Course 1 Initial Actions MGT-423-W

Course Provider: Counterterrorism Operations Support **Course Length:** 3.0 hours
Course Delivery: Online Training **Course Level:** Management

Continuing Education Units

General: 1

Course Description

This web-based training (WBT) course focuses on command-level responsibilities and functions related to the detonation of an Improvised Nuclear Device (IND) in a major U.S. city. This is the first course in a program for senior personnel in jurisdictions likely to be targeted for an IND attack (such as the Urban Area Security Initiative (UASI) regions), the jurisdictions surrounding the likely targeted jurisdictions ("collar communities"), and other jurisdictions throughout the region and nation that could provide support to and/or receive evacuees and casualties from the targeted jurisdiction. The course incorporates the competencies required to respond to a catastrophic incident involving cascading events, the advanced application of Incident Command System (ICS) principles command needs during the incident, and risk management and safety considerations in the IND incident environment. The course incorporates the Response Mission Area core capabilities, stresses the importance of multidisciplinary/multiagency operations, and engages the entire community in support of the National Preparedness Goal.

Course Objectives

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

- Given the Participant Guide (PG) and the sample IND Annex template, select the reasons why a regional IND annex to the jurisdiction's All Hazards Plan is required for an effective response, in accordance with the appropriate section of the PG.
- List two capabilities provided by the district resource distribution model.
- Select appropriate Emergency Operations Center (EOC) and Incident Command Post (ICP) locations using appropriate incident commanders in existing or preplanned backup facilities identified in each district of the City.
- Given the PG and the sample IND Annex Template, select the immediate tasks to be performed upon activation of the IND Annex to the All Hazards Plan, in accordance with the appropriate section of the PG.
- List the command-level tasks to be performed immediately following the recognition of an IND detonation.
- Identify the triggers/decision points that will require the transfer of command to the appropriate district.
- List the pre-planned initial action instructions for dispatch and responders regarding safety and situational awareness.
- Select the notifications to be made by EOC, Emergency Management, and Dispatch/Communications Center.
- Given the PG, interpret situational awareness information to update the common operating picture, in accordance with the appropriate section of the PG.
- List the sources of situational awareness information available to the IC during the first 15 to 30 minutes of the IND incident.
- Analyze the situational awareness information to determine the approximate location of ground zero and damage zone boundaries.

Prerequisites

- Introduction to Improvised Nuclear Device (IND) Effects and Response Strategies (PER-307-W)
- Familiarity with the National Incident Management System (NIMS) and the Incident Command

System (ICS) via completion of the following courses (or their equivalents):ICS-100 Introduction to the Incident Command SystemICS-200 Basic Incident Command/ICS for Single Resources and Initial Action IncidentsIS-700 National Incident Management System (NIMS): An IntroductionICS-300 Intermediate Incident Command System (ICS) for Expanding IncidentsICS-400 Advanced ICS for Command and General Staff, Complex Incidents and MACS for Operational First RespondersIS-800 National Response Framework, An Introduction

Primary Core Capability

Operational Coordination

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 702-963-2867

Email: ctosreg@nv.doe.gov

Homeland Security Executive Leaders Program (ELP) MGT-425

Course Provider: Naval Postgraduate School
Course Length: 160.0 hours
Course Delivery: Residential Training
Course Level: Management

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.

Prerequisites

- Registration Contact: https://www.chds.us/

Primary Core Capability

Planning

Mission Areas

- Common

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Naval Postgraduate School Certificate of Completion

NTED

Point of Contact

Program Support

Phone: 831-656-3829

Email: chdsmaap@nps.edu

Executive Education Seminars hosted by Mobile Education Team (MET) MGT-426

Course Provider: Naval Postgraduate School **Course Length:** 5.0 hours
Course Delivery: Residential Training **Course Level:** Management

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

Prerequisites

- Note: This program is INVITATION-ONLY.

Primary Core Capability

Planning

Mission Areas

- Prevent

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

NTED

Training Certificates

Naval Postgraduate School Certificate of Completion

Point of Contact

Program Support

Phone: 831-656-3829

Email: chdsmaap@nps.edu

Pacific Executive Leaders Program (PELP) MGT-427

Course Provider: Naval Postgraduate School
Course Length: 40.0 hours
Course Delivery: Residential Training
Course Level: Management

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

Prerequisites

- Registration Contact: https://www.chds.us/

Primary Core Capability

Planning

Mission Areas

- Common

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Naval Postgraduate School Certificate of Completion

Point of Contact

Program Support

Phone: 831-656-3829

Email: chdsmaap@nps.edu

Radiological Emergency Preparedness (REP) Executive Education Program MGT-428

Course Provider: Naval Postgraduate School
Course Length: 64.0 hours
Course Delivery: Residential Training
Course Level: Management

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

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Naval Postgraduate School Certificate of Completion

Point of Contact

Program Support

NTED
Phone: 831-656-3829
Email: chdsmaap@nps.edu

Rural Isolation and Quarantine Planning: Private Sector Readiness MGT-431

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 4.0 hours
Course Delivery: Mobile Training **Course Level:** Management

Continuing Education Units

General: 1.6

Course Description

This course functions as an instructor-led course. It is made up of four modules that will help an organization plan for and respond to an infectious disease outbreak.

The purpose of this course is to:

- Provide private-sector organizations in small, rural, and remote communities with the knowledge, skills, and abilities to effectively plan for and respond to isolation and/or quarantine events of their populations.
- Identify gaps and areas for improvement in pandemic planning in organizational continuity plans, policies, and procedures.
- Involve private sector continuity managers in a structured exchange of information, ideas, solutions, and resolutions as they pertain to continuity issues in a pandemic event.This course includes discussion-based exercises that require private-sector participants to evaluate the activities necessary to collaborate with the public sector during a biohazard response. The private sector includes but is not limited to local business owners, pharmacies, local employers, local association members, and volunteer organizations.

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 quarantinable 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, as well as the roles of cooperating sectors
- 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 and the logistics of enacting I&Q.

Prerequisites

- Participant must be a U.S. CitizenIS 100b National Incident Management SystemIS 100.HCb National Incident Management for Healthcare/HospitalsIS-520 Introduction to Continuity of Operations Planning for Pandemic Influenzas
- IS 700 National Incident Management System An IntroductionEquivalent FEMA courses that provide basic understanding of the NIMS structure and ICS

Primary Core Capability

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s)

- Community Resilience
- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Planning
- Public Information and Warning
- Threats and Hazard Identification

Mission Areas

- Respond

Target Audience

- Emergency Management
- Governmental Administrative
- Health Care
- Public Health
- Security and Safety

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Isolation and Quarantine for Rural Public Safety Personnel MGT-432

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 3.25 hours
Course Delivery: Mobile Training **Course Level:** Management

Course Description

Isolation and quarantine (I&Q) have been used as disease-control methods for centuries. The new century, though, introduced the public to new, dangerous, and prolific diseases such as Severe Acute Respiratory Syndrome (SARS) and H1N1 influenza ("swine flu"). The discovery of Ebola, the emergence of extensively drug-resistant tuberculosis (XDR-TB), and the potential threat of bioterrorism have pushed the need for isolation and quarantine preparedness back into the responder purview. Modern conditions have left many responders, especially in rural and remote communities, without the knowledge and training they need for activating or coordinating aid for isolation and quarantine response. Focus on urban areas, where large, dense populations can spread disease rapidly, and lack of funding for rural first responders has exacerbated these conditions. Further, though certain aspects of isolation and quarantine are federally regulated, standard operating procedures, authorities, strategies, and statutes relating to isolation and quarantine and disease control methods vary from state to state. Without uniform standards across the response community, it is likely many response agencies have unclear understandings regarding how and when to implement, manage, and demobilize isolation and quarantine measures.

The purpose of this course is to provide small, rural, and remote communities with the knowledge, skills, and abilities to effectively plan for and respond to events that require isolation and/or quarantine of their populations in a variety of low- and high-impact situations.

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 quarantinable 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, as well as the roles of cooperating sectors
- 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; and the logistics of enacting I&Q.

Prerequisites

- Participant must be a U.S. CitizenIS 100b National Incident Management SystemIS 100 HCb National Incident Management for Healthcare/HospitalsIS-520 Introduction to Continuity of Operations Planning for Pandemic InfluenzasIS 700 National Incident Management System An IntroductionEquivalent 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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Security and Safety

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Isolation and Quarantine for Rural Communities MGT-433

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 4.5 hours
Course Delivery: Mobile Training **Course Level:** Management

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, as well as the roles of cooperating sectors
- 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

Prerequisites

- Participant must be a U.S. CitizenIS 100b National Incident Management SystemIS 100.HCb National Incident Management for Healthcare/HospitalsIS-520 Introduction to Continuity of Operations Planning for Pandemic InfluenzasIS 700 National Incident Management System: An IntroductionEquivalent 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

Target Audience

- Emergency Management
- Emergency Medical Services

- Fire Service
- Governmental Administrative
- Health Care
- Law Enforcement
- Public Health

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Isolation and Quarantine for Rural Communities MGT-433-W

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 2.5 hours
Course Delivery: Online Training **Course Level:** Management

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

Prerequisites

- U.S. citizenIS 100-b: Introduction to Incident Command – Highly RecommendIS-100.HCB: Introduction to the Incident Command System (ICS 100) for Healthcare/Hospitals – Highly RecommendIS-520: Introduction to Continuity of Operations Planning for Pandemic Influenzas – Highly RecommendIS 700.a: National Incident Management System (NIMS) An Introduction – Highly Recommend

Primary Core Capability

Planning

Secondary Core Capability(s)

- Operational Coordination
- Public Health, Healthcare, and Emergency Medical Services

Mission Areas

- Protect

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Governmental Administrative
- Health Care
- Law Enforcement
- Public Health

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Pediatric Disaster Response and Emergency Preparedness MGT-439

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

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

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care

- Law Enforcement
- Public Health
- Public Safety Communications
- Security and Safety

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Reveca Ledesma

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Enhanced Sports and Special Events Incident Management MGT-440

Course Provider: Texas Engineering Extension Service **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.
- Employ the Emergency Management Exercise System (EM*ES) in incident command post simulation-based practical exercises.
- 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 spots or special event context are applied in practice.

Primary Core Capability

Operational Coordination

Mission Areas

- Respond

Target Audience

- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

NTED

- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Jory Grassinger

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

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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.

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

Target Audience

- Agriculture
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Public Health

NTED

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Course Website: http://www.ncbrt.lsu.edu

Community Based Planning for All-Hazards Threats in Tribal Communities MGT-449

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 12.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

Secondary Core Capability(s)

- Community Resilience
- Critical Transportation
- Economic Recovery
- Environmental Response/Health and Safety
- Health and Social Services

- Infrastructure Systems
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- Mass Care Services
- Natural and Cultural Resources
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational 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
- Situational Assessment
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Common

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Course Website: www.ruraltraining.org

Physical and Cybersecurity for Critical Infrastructure MGT-452

Course Provider: Texas Engineering Extension Service **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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

Target Audience

- Agriculture
- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

NTED

Point of Contact

Michelle Mounce

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Course Website: https://teex.org/Pages/Program.aspx?catID=459&courseTitle

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

Course Provider: Norwich University Applied Research Institute **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Management

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 activitie
- Interpret the EOC management processe
- 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

Target Audience

- 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

Point of Contact

Tony Crites

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Performance Courses

Field Force Operations PER-200

Course Provider: Center for Domestic Preparedness
Course Length: 24.0 hours
Course Delivery: Mobile/Non-Resident, Residential
Course Level: Performance

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.

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

Target Audience

- Law Enforcement

Training Certificates

Center for Domestic Preparedness Certificate of Completion

NTED

Point of Contact

Mike Aguilar
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Evidence Collection in a Hazardous Materials Environment PER-201

Course Provider: Center for Domestic Preparedness **Course Length:** 32.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

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:

- Plan a response to a criminal hazardous materials incident.
- Conduct preliminary survey of crime scene.
- Document the crime scene.
- Collect hazardous evidence.
- Screen evidence for corrosiveness, flammability, oxidation, radioactivity, and volatile organic compounds.
- Release the crime scene.
- Don and doff Level C personal protective equipment.

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

Target Audience

- Fire Service
- Hazardous Material
- Law Enforcement

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguilar

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Field Force Extrication Tactics PER-202

Course Provider: Center for Domestic Preparedness **Course Length:** 24.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

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.

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; and
- · 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

Target Audience

- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Public Works

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

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

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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.

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Search & Rescue

- Security and Safety

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Juan Guerrero

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Operational Level Response to HazMat/WMD Incidents PER-212

Course Provider: Texas Engineering Extension Service **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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

Prerequisites

- WMD/Terrorism Awareness for Emergency Responders (AWR-110-W)
- Standardized Awareness Training (AWR-160)
- NFPA 472 Hazardous Materials First Responder: Awareness. (AWR-160 meets this requirement.)

Primary Core Capability

Environmental Response/Health and Safety

Mission Areas

- Respond
- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Search & Rescue
- Security and Safety

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Kent Gardner

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

Course Provider: Texas Engineering Extension Service **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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, particpants 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

Prerequisites

- 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(s)

- 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

Target Audience

- Emergency Medical Services
- Fire Service
- Law Enforcement

NTED

- Public Health
- Public Works
- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Kent Gardner

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Wide Area Search PER-213

Course Provider: Texas Engineering Extension Service **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 2.4

Course Description

When disaster strikes it can be a challenge to effectively mobilize, organize, and deploy needed resources. The TEEX /NERRTC Wide Area Search course is an excellent training opportunity for nearly any jurisdiction or agency that may face such an emergency. The discipline applies to a vast number of critical situations including natural disasters or terrorist incidents. Participants are instructed in practical search methods and skills so they can perform systematic searches over a large affected area. The training includes challenging exercises that mirror real life scenarios. The three-day long event concludes with an in-depth exercise that requires participants to utilize the skills gained during the course. The trainers delivering the course are knowledgeable, experienced emergency responders who have actively utilized wide area search techniques during some of the Nation's largest and most challenging operations, such as Hurricanes Katrina, Ike, Gustav and Rita, the Space Shuttle Columbia recovery operation, and many other incidents that required these same comprehensive strategies.

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.
- Plan and conduct operations to support a wide area search

Prerequisites

- IS-100: Introduction to the Incident Command SystemIS-200 : ICS for Single Resources and Initial Action Incidents

Primary Core Capability

Mass Search and Rescue Operations

Secondary Core Capability(s)

- Access Control and Identity Verification
- Critical Transportation
- Fatality Management Services
- Intelligence and Information Sharing
- Mass Care Services
- Operational Communications
- Operational Coordination
- Planning
- Risk and Disaster Resilience Assessment
- Screening, Search, and Detection
- Threats and Hazard Identification

Mission Areas

- Recover

Target Audience

- Animal Emergency Services
- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Other
- Search & Rescue
- Security and Safety

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Russell Napier

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

Course Provider: Louisiana State University **Course Length:** 20.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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 though 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.

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

Mission Areas

- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Emergency Response to Domestic Biological Incidents PER-220

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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 abl.e 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.

Prerequisites
- WMD/Terrorism Awareness for Emergency Responders, Web-Based (AWR-110-W)
- 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 courseAssignment 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

Target Audience
- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

WMD Tactical Operations PER-221

Course Provider: Louisiana State University **Course Length:** 40.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 4

Course Description

The goal of this course is to provide law enforcement tactical team personnel with the knowledge, skills and abilities to safely and effectively perform tactical mission responsibilities in weapons of mass destruction (WMD) and hazardous material environments. It provides both detailed, technical information and hands-on applications of actions required for the safe and effective conduct of tactical operations in chemical, biological, radiological, nuclear, and explosive (CBRNE) environments. The course consists of 12 modules taught through a combination of classroom sessions and comprehensive practical exercises.

Course Objectives

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

- Relate past WMD incidents and future WMD threats to the United States explain decontamination techniques and considerations and take part in decontamination operations
- Pproperly select and use PPE in a WMD or hazardous materials environment and recognize heat-related illnesses associated with wearing PPE describe and apply alternative concepts for tactical operations involving an IED
- Describe characteristics of chemical agents, relate the various ways of identifying each agent, and demonstrate the ability to use chemical detection equipment to sample, analyze, and identify a simulated chemical agent perform CQB operations in CBRNE environments
- Describe the characteristics of biological agents and techniques for identifying them, demonstrate the ability to sample them, and analyze a simulated biological agent describe characteristics of radiological isotopes
- Describe the various ways of identifying them, and demonstrate the ability to locate and identify simulated radiological isotopes
- Describe the tactical planning process effectively operate selected CBRNE detection devices in a tactical scenario plan, rehearse, and perform tactical operations in a CBRNE environment

Prerequisites

- Must be sworn state or local law enforcement officer currently assigned to a law enforcement tactical team
- Completed an awareness-level WMD course and a training program in basic tactical operations
- Must have filled out a medical questionnaire verifying their physical fitness to work in PPE, including negative and/or positive pressure respirator, and completed a mask fit test

Primary Core Capability

Interdiction and Disruption

Secondary Core Capability(s)

- Critical Transportation
- Environmental Response/Health and Safety
- Infrastructure Systems
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Planning
- Screening, Search, and Detection
- Situational Assessment

Mission Areas

- Prevent

Target Audience

- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Public Safety WMD Response - Sampling Techniques and Guidelines PER-222

Course Provider: Louisiana State University **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 2.4

Course Description

The course provides diverse agency representatives who have hazardous material backgrounds the ability to coordinate with local and state emergency responder agencies; to assess WMD events; conduct area surveys in a safe and effective manner; conduct material characterization and screening operations; and, collect public safety samples in a hazardous environment. This course provides participants with an opportunity to perform public safety sampling techniques required in the response to a WMD event. As observed by the course instructors, participants should take part in classroom activities. Participants, who all have hazardous material backgrounds, will be given the opportunity to demonstrate knowledge, skills, and abilities associated with performing public safety sampling operations required in a WMD environment.

This is a performance-level course designed to address specific fundamentals and skills associated with an emergency response to a WMD incident. As such, it provides detailed technical information and includes hands-on practice of actions required of emergency responders in such situations. 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 WMD.

Course Objectives

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

- Understand public safety response concepts and procedures for managing potential or actual WMD events.
- Demonstrate their ability to employ screening techniques at a CBRNE crime scene using the equipment provided.
- Identify product sampling techniques and procedures, and demonstrate an understanding of WMD sampling protocols.
- Practice and demonstrate proper site survey or recon operations and public safety sampling operations using various sampling techniques and equipment, including proper labeling and chain-of-custody procedures.

Prerequisites

- Successful completion of a WMD awareness-level training course
- Current certified HazMat technician qualifies a participant at the primary level
- Respiratory medical clearance for wearing Level C PPE (29 CFR 1910.134 Government-issued

photo ID and a copy of their HazMat Technician-level certification
- Participant application must be complete

Primary Core Capability

Environmental Response/Health and Safety

Secondary Core Capability(s)
- Critical Transportation
- Environmental Response/Health and Safety
- Infrastructure Systems
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Planning
- Screening, Search, and Detection
- Situational Assessment

Mission Areas
- Prevent
- Protect
- Respond
- Recover

Target Audience
- Fire Service
- Hazardous Material
- Law Enforcement
- Public Health

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Advanced Tactical Operations: WMD Interdiction PER-227

Course Provider: Louisiana State University **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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

Prerequisites

- 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)
- WMD Tactical Operations (PER-221)

Primary Core Capability

Interdiction and Disruption

Secondary Core Capability(s)

- Environmental Response/Health and Safety
- Infrastructure Systems
- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures

- Planning
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Areas

- Protect

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Advanced Forensic Investigations for Hazardous Environments PER-228

Course Provider: Louisiana State University **Course Length:** 32.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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 CBRNEITIC-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
- 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 CBNRE/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

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 Jaw 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· IS-800.b National Response Framework, 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

Secondary Core Capability(s)

- Community Resilience
- Environmental Response/Health and Safety
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Long-term Vulnerability Reduction
- Mass Search and Rescue Operations
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- 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

- Prevent

Target Audience

- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

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

Course Provider: Louisiana State University
Course Length: 24.0 hours
Course Delivery: Mobile Training
Course Level: Performance

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

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

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

Course Provider: Louisiana State University **Course Length:** 32.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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 CAMEOfm 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 CAMEOfm 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 CAMEOfm, review Tier II information, conduct various CAMEOfm data searches, and will produce reports based on Tier II data
- Manipulate CAMEOfm Special Locations, Routes, Incidents, and Resources modules
- Design Emergency Planning Zones for a facility

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

Target Audience

- Emergency Management

- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Public Health
- Security and Safety

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Incident Response to Terrorist Bombings - Operations PER-230

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 4.0 hours

Course Delivery: Mobile Training

Course Level: Performance

Continuing Education Units

General: .4

Course Description

This is a performance level (operations) course designed to prepare emergency responders to perform effectively and safely during bombing incidents, principally in support roles within the warm and cold zones of the incident scene. The course includes a familiarization with improvised explosive devices (IEDs) and explosive materials, and detailed training on critical response actions during pre- and post-detonation operations. In addition, the course addresses actions that emergency responders can take to prevent and/or deter bombing attacks against targets in their communities.

Course Objectives

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

- Perform critical response actions during pre- and post-detonation incidents involving terrorist use of energetic materials (explosives and incendiaries)
- Use techniques to prevent and/or deter terrorist attacks involving energetic materials
- Appreciate the necessity for respect for the destructive potential of energetic materials that may be used in terrorist attacks

Primary Core Capability

Threats and Hazard Identification

Mission Areas

- Respond

Target Audience

- Emergency Medical Services
- Fire Service
- Law Enforcement
- Public Safety Communications
- Public Works

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Barbara Kuhns

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Incident Response to Terrorist Bombings - Operations, Train-the-Trainer PER-230-1

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 32.0 hours

Course Delivery: Residential Training

Course Level: Performance

Continuing Education Units

General: 3.2

Course Description

This train-the-trainer course is designed to prepare emergency responders to perform effectively and safely during bombing incidents at all locations at an incident scene, including the hot (kill) zone. The course includes detailed instruction on improvised explosive devices, materials, and explosive effects; and comprehensive training on critical response actions during pre- and post-detonation operations. Extensive field training, including explosives effects demonstrations, is included in the course.

In addition, the course addresses actions that emergency responders can take to prevent and/or deter terrorist attacks involving energetic materials. Participants who successfully complete this course and are certified as trainers by their agencies are also certified to deliver the Incident Response to Terrorist Bombings awareness level course to their agencies. Note that this course does not prepare emergency response personnel to perform as explosive ordnance or bomb technicians.

Course Objectives

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

- Describe components, interactions, and physical phenomena associated with explosive events
- Describe appropriate actions for executing safe and effective response to bomb threat and suspicious item incidents
- Perform critical response actions during pre- and post-detonation incidents involving terrorist use of energetic materials (explosives and incendiaries)
- Use techniques to prevent and/or deter terrorist attacks involving energetic materials
- Present awareness level training based on material in this course
- Understand the destructive potential of energetic materials that may be used in terrorist attacks

Prerequisites

- United States CitizenshipActively employed or volunteer member of a first responder or emergency management agencyAssignment or identification for assignment to a position responsible for conducting WMD training; developing plans, policies, procedures and tactics to govern response; providing specialized response support during WMD incidents; or coordinating initial response to a WMD incidentSufficient tenure remaining in their current or future position to allow for the application of course material upon their return.For personnel who desire trainer certification, completion of an instructor training program, and/or documented experience as a trainerRequired prerequisites must be verified by the participant's department at the time of applicationPicture ID, preferably one issued by their department, must be presented to instructors prior to the start of instruction

Primary Core Capability

Threats and Hazard Identification

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Hazardous Material
- Law Enforcement
- Transportation

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Tony Gonzalex

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Prevention of and Response to Suicide Bombing Incidents PER-231

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 4.0 hours

Course Delivery: Mobile Training

Course Level: Performance

Continuing Education Units

General: .8

Course Description

This four-hour course addresses some of the major issues a jurisdiction is required to answer when creating plans, procedures, and tactics to prevent and respond to suicide bombing incidents. Upon completion of this course, participants will understand the suicide bombing threat, their role in community situational awareness, use of deadly force, and personal protection issues

Course Objectives

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

- Identify the threat posed by suicide terrorists to U.S. communities
- Recognize materials associated with suicide bombing improvisedexplosive devices (SBIED) employed by suicide terrorists, recognize SBIED delivery methods, and recognize and mitigate associated hazards
- Explain how intelligence and community situational awareness programs combine to support the prevention, deterrence, and interdiction of SBIED attacks
- Define probable cause, identify when the use of deadly force is justified, and apply personal protection measures

Prerequisites

- · Participants must be US citizens· Actively employed or volunteer member of a first responder or emergency management agency· Must have picture ID issued by department prior to the start of instruction

Primary Core Capability

Intelligence and Information Sharing

Mission Areas

- Prevent
- Respond

Target Audience

- Emergency Medical Services
- Fire Service
- Law Enforcement
- Public Safety Communications

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Joel Haley

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Prevention of and Response to Suicide Bombing Incidents, Train-the-Trainer PER-231-1

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 36.5 hours

Course Delivery: Residential Training

Course Level: Performance

Continuing Education Units

General: 3.6

Course Description

This is a performance/operations level resident course designed to provide training necessary to develop plans, policies, and procedures to prevent and respond to suicide bombing incidents in participants' jurisdictions. The course offers a unique blend of classroom presentations, field laboratories, case studies, and performance exercises. It addresses, in detail, the issues required to be addressed in a jurisdiction's plans to deal with the suicide bombing threat.

Course Objectives

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

- Develop plans, policies, and procedures required for safe and effective prevention and response
- Identify equipment required for detection and response
- Identify appropriate training and conduct basic awareness level training for their agencies
- Identify exercise requirements to support agency-wide and multi-agency preparation

Prerequisites

- Participants must be US citizensActively employed or volunteer member of a first responder or emergency management agencyAssignment or identification for assignment to a position responsible for conducting WMD training; developing plans, policies, procedures and tactics to govern response; providing specialized response support during WMD incidents; or coordinating initial response to a WMD incidentSufficient tenure remaining in their current or future position to allow for the application of course material upon their return.For personnel who desire trainer certification, completion of an instructor training program, and/or documented experience as a trainerRequired prerequisites must be verified by the participant's department at the time of applicationPicture ID (preferably one issued by their department) must be presented to instructors prior to the start of instruction

Primary Core Capability

Operational Coordination

Mission Areas

- Prevent
- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Transportation

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Joel Haley

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Initial Law Enforcement Response to Suicide Bombing Attacks PER-232

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Performance

Continuing Education Units

General: .8

Course Description

This is a performance level mobile course that addresses some of the major considerations a jurisdiction is required to answer when creating plans, procedures, and tactics to prevent and respond to suicide bombing incidents.

Successful preparation for a future suicide bombing event requires emergency response agencies to complete extensive preparatory actions—developing plans, acquiring equipment, and conducting training and exercises that focus on likely attack scenarios. This course uses a blend of classroom presentations and performance exercises designed to help participants develop a greater understanding of the complex demands a suicide bombing threat presents.

Upon completion of this course, participants will understand the suicide bombing tactic, the participant's role in situational awareness, use of deadly force, and personal protection issues.

Course Objectives

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

- Describe the impact of safety issues on selecting response options while responding to a suicide bombing incident.
- Describe the impact of safety issues on selecting response options while responding to a suicide bombing incident.
- Identify tactics and techniques employed by terrorists when executing suicide attacks and describe the impact this has on initial incident response by law enforcement personnel.
- Apply appearance and behavioral indicators to determine probable cause and when the use of force is appropriate.
- Safely and effectively respond to person borne and vehicle borne improvised explosive device attacks.
- Identify the actions and techniques needed to safely and effectively respond to a post-blast event

Prerequisites

- · United States Citizenship· Actively employed or auxiliary member of a state, local, tribal, or federal law enforcement agency.· 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

Mission Areas

- Prevent
- Protect
- Respond

Target Audience

- Law Enforcement

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

NTED

Leslie Griego
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Initial Law Enforcement Response to Suicide Bombing Attacks (ILERSBA), Train-the-Trainer PER-232-1

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Performance

Continuing Education Units

General: .8

Course Description

ILERSBA is a performance 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.

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

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

Mission Areas

- Prevent
- Protect
- Respond

Target Audience

- Fire Service
- Law Enforcement

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Leslie Griego

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Initial Law Enforcement Response to Suicide Bombing Attacks PER-232-C

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 1.5 hours

Course Delivery: Mobile Training

Course Level: Performance

Course Description

The ILERSBA Customized Course is a ninety-minute training course designed for state, local, and tribal first responders and other individuals in the community that are responsible for responding to and planning for a suicide bombing threat or event. It is designed to be presented in a workshop or conference environment attended by the target audience. It addresses some of the major considerations a jurisdiction is required to answer when creating plans, procedures, and tactics to prevent and respond to suicide bombing incidents. Discipline-specific modifications for specialized audiences may be prepared as warranted. This course uses a blend of classroom presentations and performance exercises designed to help participants develop a greater understanding of the complex demands a suicide bombing threat presents.

Course Objectives

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

- Understand the preparation and plans required to respond safely and effectively to suicide bombing threats.
- Describe effective response strategies associated with a suicide bombing attack.
- Describe the physical effects of an explosion.
- List the safety rules that govern response during suicide bombing incidents
- Describe contemporary trends of suicide bombing tactics.
- Explain how to use appearance and behavioral indicators to develop probable cause when the threat of a suicide bombing attack exists.
- Identify the appropriate response for a PBIED and/or VBIED attack.

Primary Core Capability

Interdiction and Disruption

Mission Areas

- Prevent
- Protect
- Respond

Target Audience

- Law Enforcement

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

Leslie Griego

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Medical Preparedness and Response to Bombing Incidents (MPRBI) PER-233

Course Provider: New Mexico Institute of Mining and Technology

Course Length: 16.0 hours

Course Delivery: Mobile Training

Course Level: Performance

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 indicents 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.

Prerequisites

- IS-100IS-200IS-700

Primary Core Capability

Intelligence and Information Sharing

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Search & Rescue
- Transportation

Training Certificates

New Mexico Institute of Mining and Technology Certificate of Completion

Point of Contact

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WMD Radiological/Nuclear Responder Operations Course PER-240

Course Provider: Counterterrorism Operations Support **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 2.4

Course Description

The course prepares emergency response personnel to respond to an incident involving a radiological or nuclear weapon of mass destruction (WMD), such as a radiological dispersal device (RDD, "dirty bomb") or an improvised nuclear device (IND). The course begins by giving the participant a conscious awareness of the fundamentals of radiation, health effects, recognition, and terrorist use of radiation and radiological material. Participants are given hands-on experience with radiation fields while learning the basic operation of radiation detectors and dosimeters. Participants are taught to conduct radiological surveys of personnel, vehicles, facilities, and outdoor areas. Hands-on activities blend cognitive knowledge of radiation and instruments with survey techniques used in detecting the presence of radiation, locating radioactive material, and measuring levels of radiation and radiological contamination. Once individual and small team skills are mastered, participants are taught operational considerations when responding to a radiological WMD incident. Participants form operational teams that deal with cadre-evaluated realistic drills involving likely terrorist use of radiological material. The course culminates with an evaluation exercise requiring participant teams, under a unified command, to respond to a scenario in which terrorists attack a facility or public transportation system, disbursing radiological material. Air-purifying respirators may be worn (for training purposes only) during the final exercise for those certified by their organization to wear respirators (bring documentation to the course).

Course Objectives

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

- Distinguish between low and hazardous levels of radiation
- Operate detection equipment accurately in accordance with class instruction
- Recognize the biological effects of exposure to ionizing radiation accompanying radiological/nuclear incidents and how to properly identify, triage, treat, and psychologically support contaminated patients
- Perform a personnel contamination survey using a Geiger-Mueller meter and correctly document levels and locations of contamination
- Demonstrate the procedure for selecting, donning, and doffing personal protection equipment (PPE) for a radiological/nuclear environment
- Conduct radiological decontamination (decon) for responders and the public
- Demonstrate a knowledge of their community's radiological threat and tactical considerations required to operate safely and effectively at a radiological incident

Prerequisites

- WMD Radiological/Nuclear Awareness Course (AWR-140)

Primary Core Capability

Situational Assessment

Mission Areas

- Respond

Target Audience

- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

NTED

- Public Health
- Search & Rescue
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

The Weapons of Mass Destruction (WMD) Radiological/Nuclear Course for Hazardous Material (HazMat) Technicians PER-241

Course Provider: Counterterrorism Operations Support **Course Length:** 32.0 hours
Course Delivery: Residential Training **Course Level:** Performance

Continuing Education Units

General: 3.2

Course Description

The course prepares the hazardous materials (HazMat) technician to respond to an incident involving a radiological or nuclear weapon of mass destruction (WMD), such as a radiological dispersal device (RDD, "dirty bomb") or an improvised nuclear device (IND). The course begins by giving the participant a conscious awareness of the fundamentals of radiation, health effects, recognition, and terrorist use of radiation and radiological material. Participants are given hands-on experience with radiation fields while learning the basic operation of radiation detectors and dosimeters. Participants are taught how to use these instruments to conduct surveys of personnel, vehicles, facilities, and outdoor areas. Hands-on activities blend cognitive knowledge of radiation and instruments with survey techniques used in detecting the presence of radiation, locating radioactive material, and measuring levels of radiation and radiological contamination. Once individual and small team skills are mastered, participants are taught operational considerations when responding to a radiological WMD incident. These considerations include operating in high-radiation areas, limiting responder radiation doses, and rescuing contaminated victims.

Participants form operational teams that deal with cadre-evaluated realistic drills involving likely terrorist use of radiological material. The course culminates with an evaluation exercise requiring attendee teams, under a unified command, to respond to a terrorist attack that has dispersed radiological material at the target facility.

This is a "live agent" course using actual radiological and nuclear materials. This course is designed and monitored so that attendees receive only minor radiation doses (lower than a chest X-ray or a typical round-trip airline flight across the U.S.).

Course Objectives

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

- Explain the process for keeping exposure to radiation and radioactive material As Low As Reasonably Achievable (ALARA).
- Identify several current radiological/nuclear threats, including who may obtain and locate radiological/nuclear material and the impact and consequences of terrorists' use of the material.
- Explain the adverse health effects of ionizing radiation and the operational considerations for working near elevated levels of ionizing radiation.
- Explain the concepts of time, distance, and shielding to reduce exposure while operating in a radiation environment.
- Describe the design and construction features of containers used for the transportation of radiological/nuclear material.
- Explain how to operate both analog and digital radiological instruments to determine the presence and quantity of radiation.
- Explain how to conduct radiological surveys of areas and equipment.
- Explain the basic tactical procedures for handling a weapon of mass destruction (WMD) radiological/nuclear incident.

- Explain how to conduct and use personnel contamination survey techniques to determine the presence of radiological contamination.
- Describe the radiological decontamination process for responders and the public.

Prerequisites

- WMD Radiological/Nuclear Awareness Course (AWR-140)
- · Participants must be certified Hazardous Materials Technicians

Primary Core Capability

Situational Assessment

Mission Areas

- Respond

Target Audience

- Fire Service
- Hazardous Material
- Law Enforcement
- Search & Rescue

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

Primary Screener / Personal Radiation Detector PER-243

Course Provider: Counterterrorism Operations Support **Course Length:** 7.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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.

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

Target Audience

- Citizen/Community Volunteer
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Works
- Search & Rescue
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

CTOS Registration Desk

Phone: 877-963-2867

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Personal Radiation Detector (PRD), Train-the-Trainer PER-243-1

Course Provider: Counterterrorism Operations Support **Course Length:** 8.0 hours
Course Delivery: Residential Training **Course Level:** Performance

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.

Prerequisites

- 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

Target Audience

- Fire Service
- Law Enforcement
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

CTOS Registration Desk

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Secondary Screener/Radiation Isotope Identifier Device (SS/RIID) PER-245

Course Provider: Counterterrorism Operations Support **Course Length:** 14.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 1.4

Course Description

The Secondary Screener/RIID Course (SS/RIID) enables law enforcement, fire service, and other response disciplines, assigned to radiation detection secondary screener duties employing a Radiation Isotope Identifier Device (RIID) to detect radiation, verify radiation alarms, localize the source of radiation, identify radioactive material, and assess the status of the detected radioactive material. The officer will be trained to employ the RIID to detect radiation in or on people, vehicles, packages, and/or facilities. Additionally, the officer will be trained to obtain technical assessment and adjudication assistance from Federal, State, and/or Local reach back organizations. A variety of small quantity sealed radioactive sources are used in SS/RIID participant activities and practical exercises. These sources are intended to simulate the types of radioactive material that the secondary screener may encounter in the public domain.

Course Objectives

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

- Identify the core elements of the primary and secondary screener activities,USE the guidelines provided in the SS/RIID Participant Guide.
- Identify the properties of radiation and radiological/nuclear (rad/nuc) materials related to the detection of rad/nuc weapons of mass destruction (WMDs) and expected legitimate radioactive materials.
- Define the terms Improvised Nuclear Device (IND), Radiological Dispersal Device (RDD), and Radiological Exposure Device (RED).
- Define primary screening, and list primary screener activities and tasks.
- Define secondary screening, and list secondary screener activities and tasks.
- List two countermeasures adversaries may use, andlist two suspicious behaviors adversaries may display during primary and secondary screening operations.
- State the purpose of a hand-held RIID,list advantages of a hand-held RIID compared to a Personal Radiation Detector (PRD), andidentify limitations of a hand-held RIID.
- List one advantage and one disadvantage for detecting lethal RDD/RED materials and nuclear materials , andlist two reasons why smaller amounts of rad/nuc materials can be a threat.
- Configure the issued RIID kit components to charge a RIID battery.
- Describe the RIID display, LED, audio, and vibrator indications, and describe action levels for: Gamma radiation detection,safety,radiation danger, neutron radiation detection, neutron radiation safety
- Using a RIID kit and the job aid,identify the RIID operational characteristics and components, and perfrom a RIID pre-operations check, use the SS/RIID job aid procedural steps.
- Describe the RIID operation and, using the RIID and job aid,perform the ARG steps to detect, verify, locate, measure, identify, and assess radiological sources,USE the procedures listed in the SS/RIID job aid.
- Using the RIID and job aid, employ the RIID to detect, verify, locate, measure, identify, and assess radiological materials on people,use the procedures listed in the SS/RIID Job Aid.
- Perform a radiological survey on a person and/or their carried items
- Assess an unknown radiation alarm on people by comparing the RIID results with the interview responses and medical information.

- Assess an unknown radiation alarm on people by comparing RIID results with the Common Innocent Radiation Sources and Isotopes of Major Concern Table (CIRS Table).
- Perform a radiological survey on a package or container
- Assess an unknown radiation alarm in packages and containers by comparing the RIID results with the shipping documentation and package labels and markings
- Assess an unknown radiation alarm in packages/containers by comparing RIID results with the Common Innocent Radiation Sources (CIRS) and Isotopes of Major Concern Table (CIRS Table).
- Using the RIID and job aid,employ the RIID to detect, verify, locate, measure, identify, and assess radiological materials in packages,USE the procedures listed in the SS/RIID job aid.
- Using the RIID and job aid,employ the RIID to detect, verify, locate, measure, identify, and assess radiological materials in vehicles and facilities,USE the procedures listed in the SS/RIID Job Aid.
- Define the circumstances when further investigation of a vehicle or facility is required
- Perform a radiological survey/sweep of a vehicle or facility
- Assess an unknown radiation alarm by comparing the secondary screener's radiation readings and isotope identification results with the Common Innocent Radiation Sources and Isotopes of Major Concern Table (CIRS Table).

Prerequisites

- Primary Screener / Personal Radiation Detector (PER-243)

Primary Core Capability

Screening, Search, and Detection

Secondary Core Capability(s)

- Intelligence and Information Sharing
- Interdiction and Disruption
- Screening, Search, and Detection

Mission Areas

- Prevent

Target Audience

- Fire Service
- Hazardous Material
- Law Enforcement

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

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Primary Screener Backpack Basic Course PER-246

Course Provider: Counterterrorism Operations Support **Course Length:** 7.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 1

Course Description

The Primary Screener Backpack Basic Course– referred to hereafter simply as Backpack, enables law enforcement, fire service, hazardous material technicians, and public works disciplines, 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 the Backpack along with the standard personal radiation detector (PRD) systems. The primary screener will be trained to employ the backpack to detect radiation in or on people, vehicles, packages, and/or facilities. A variety of sealed radioactive sources are used in Backpack learner activities and practical exercises. These sources are intended to simulate the types of radioactive material that the primary screener may encounter in the public domain. The expected outcome of the Backpack Course is to train selected personnel to perform the duties of a primary screener using a backpack radiation detection system as a function of the radiation detection mission. The primary screener will be trained to employ the Backpack to detect, verify, locate, and measure radiation levels of an unknown radiological source.

- Primary screener duties and activities
- Backpack characteristics, components, and pre-operations check
- Backpack operation and the Alarm Response Guide (ARG)
- Employment of the backpack for primary screening activities on/in: people, packages, vehicles, facilities

Course Objectives

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

- Identify the properties of radiological/nuclear material
- Describe how the properties of gamma and neutron radiation relate to the detection of illicit radioactive material
- Explain the differences between exposure to radiation and the contamination from material
- Identify the relative strength and hazard level of radiation to the primary screener
- Describe how the principles of time, distance, and shielding apply to your safety and radiological/nuclear detection
- Describe the characteristics of the backpack
- Demonstrate how to prepare the backpack for employment
- Demonstrate how to conduct a pre-operations check
- Perform a systems operation check
- Identify anddiscuss the LED lights on the Backpack indicator unit
- Discuss the background learning feature of the Backpack
- Operate the personal digital assistant (PDA), (if applicable), to display the appropriate data
- Describe pairing the PDA (if applicable) and backpack
- State the startup process for a data query using the PDA
- Explain how to navigate to the various displays in the PDA and how they are used to analyze the data received by the Backpack
- State how to save the data from the Backpack using the PDA
- Discuss the advantages/disadvantages of using the PDA with the Backpack

NTED

- Employ the Alarm Response Guide:
- Detect elevated radiation levels
- Verify the radiation alarm
- Locate the radioactive material
- Measure the radiation levels
- Assess the radiation alarm/situation surrounding the alarm
- Identify the operational considerations needed to employ the Backpack in the field
- Demonstrate how to prepare the Backpack for employment for overt and low profile operations
- Receive, respond to, and assess radiation alarms using instrument responses, visual and audio indicators, and interview results.
- Secure the scene and isolate the radiological material in a way that ensures the health and safety of the officers and the public

Prerequisites

- Primary Screener / Personal Radiation Detector (PER-243)

Primary Core Capability

Screening, Search, and Detection

Secondary Core Capability(s)

- Interdiction and Disruption
- Screening, Search, and Detection

Mission Areas

- Prevent

Target Audience

- Fire Service
- Law Enforcement

Training Certificates

DHS Certificate of Completion

Point of Contact

Registration Desk

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Secondary Screener/Radiation Detection Kit Operations and Strategies (SS/RDK) PER-247

Course Provider: Counterterrorism Operations Support **Course Length:** 7.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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,andassess 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 anddescribe the contents of the RDK.
- Demostrate andperform 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.

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

Target Audience
- Fire Service
- Hazardous Material
- Law Enforcement
- Public Works

NTED

DHS Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

Emergency Response to Terrorism: Operations PER-250

Course Provider: International Association of Fire Fighters **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Course Description

The Emergency Response to Terrorism: Operations (ERT: Ops) is a 16-hour, participant-centered instructor led training program consisting of 5 modules that include group interactive exercises. The program is designed to enable emergency responders to identify the key concepts related to responding to incidents involving weapons of mass destruction (WMDs). By completing this course, participants will meet most of the refresher requirements for the operations level of 29 CFR 1910.120. This course provides a brief review of concepts for hazardous materials response, but focuses on emergency response to incidents involving WMDs. The curriculum includes significant dates in terrorism, definitions, terrorist and terrorist groups and the impacts of terrorism. It identifies locations and potential targets of terrorism along with recent events, emergency response and types of hazards encountered at incidents involving WMDs. The course utilizes IAFF's Analyze, Plan, Implement and Evaluate (APIE): A Risk-Based Response Process for effective responses to incidents involving WMDs and allows participant the opportunity to work through several WMD scenarios

Course Objectives

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

- Identify the four types of terrorism and identify the facilities most commonly associated with terrorism
- Make hazard-based risk versus benefit decisions
- Understand and describe the APIE (Analyze, Plan, Implement, and Evaluate) response process
- Recognize threat characteristics (traits and/or properties that make weapons dangerous) of the four basic types of WMD

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Operational Coordination

Mission Areas

- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement

Training Certificates

International Association of Fire Fighters Certificate of Completion

Point of Contact

IAFF HazMat-WMD Training Department

Phone: 202-824-9311

Email: hazmat@iaff.org

Emergency Response to Terrorism: Operations, Train-the-Trainer PER-250-1

Course Provider: International Association of Fire Fighters **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Course Description

This train-the-trainer program has been developed to ensure there is consistent implementation of IAFF training design and content. At the end of training, the IAFF expects to have trainers who understand the IAFF's educational methodology and who have demonstrated the ability to facilitate the content in the Emergency Response to Terrorism: Operations (ERT: Ops) curriculum using the curriculum materials. Participants will gain proficiency with the ERT: Ops curriculum goals and objectives, learning strategies and activities and standardized content (e.g., the IAFF's risk-based response process). Participants' skills will be evaluated during their facilitation of specific topics within the ERT: Ops curriculum. Feedback will be provided by participants' peers and the IAFF's master instructors.

Course Objectives

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

- Identify the four types of terrorism
- Identify the facilities most commonly associated with terrorism
- Demonstrate hazard-based risk versus benefit decisions
- Understand and describe the APIE (Analyze, Plan, Implement, and Evaluate) response process
- Recognize threat characteristics (traits and/or properties that make weapons dangerous) of the four basic types of WMD
- List the elements of effective training
- Apply adult learning principles
- Identify the main characteristics of their audience
- Identify the characteristics of an effective instructor
- Select and apply appropriate instructional methods to fulfill objectives
- Use the following facilitation skills effectively: asking questions, appropriate use of audiovisuals and handouts, conducting report-backs and debriefing, informal assessments
- Identify and appropriately solve facilitation problems

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Public Health, Healthcare, and Emergency Medical Services
- Screening, Search, and Detection
- Situational Assessment

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement

Training Certificates

International Association of Fire Fighters Certificate of Completion

Point of Contact

IAFF HazMat-WMD Training Department
Phone: 202-824-9311
Email: hazmat@iaff.org

Emergency Response to Terrorism: Operations - Refresher PER-250-C

Course Provider: International Association of Fire Fighters **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Course Description

The Emergency Response to Terrorism: Operations – Refresher (ERT: Ops – R) is an 8-hour, participant-entered instructor-led training program with web-based, interactive training modules. The program is designed to allow emergency responders to review the key concepts related to responding to incidents involving weapons of mass destruction (WMDs). By completing this course, participants will meet the refresher requirements for the operations level of 29 CFR 1910.120.This course focuses on emergency response to incidents involving WMDs. The curriculum reviews the knowledge and skills covered in the IAFF's 16-hour ERT: Ops course plus updated information related to WMD incidents and response. Specifically, the curriculum reviews significant dates in terrorism, definitions, terrorist and terrorist groups and the impacts of terrorism. It also reviews locations and potential targets of terrorism along with recent events, emergency response and types of hazards encountered at incidents involving WMDs. The course utilizes IAFF's Analyze, Plan, Implement and Evaluate (APIE): A Risk-Based Response Process for effectively responding to incidents involving WMDs and allows participant the opportunity to work through several WMD scenarios.

Course Objectives

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

- Identify the four types of terrorism and identify the facilities most commonly associated with terrorism.
- Make hazard-based risk versus benefit decisions.
- Understand and describe the APIE (Analyze, Plan, Implement, and Evaluate) response process.
- Recognize threat characteristics (traits and/or properties that make weapons dangerous) of the four basic types of WMD.

Prerequisites

- Emergency Response to Terrorism: Operations (PER-250)

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Public Health, Healthcare, and Emergency Medical Services
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Areas

- Common

Target Audience

- Hazardous Material

Training Certificates

International Association of Fire Fighters Certificate of Completion

Point of Contact

IAFF HazMat-WMD Training Department

Phone: 202-824-9311

Email: hazmat@iaff.org

Emergency Response to Terrorism: Operations-Web-Based PER-250-W

Course Provider: International Association of Fire Fighters **Course Length:** 1.5 hours
Course Delivery: Online Training **Course Level:** Performance

Course Description

The Emergency Response to Terrorism web-based training course Operations (ERT-WBT) is designed to be a prerequisite for the 16-hr. Emergency Response to Terrorism: Operations (ERT: Ops) and the 8-hr. Emergency Response to Terrorism: Operations Refresher (ERT: Ops-C) program. This course provides a blended approach to the program deliveries, providing a review of the basic knowledge described in NFPA®472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, 2013 edition, Chapters 4 and 5 and enables more efficient use of the time spent in the instructor-led courses. It provides a review of recent events and current trends in terrorism, the types of WMD attacks and how they differ from other hazardous materials incidents, assessing the vulnerability of locations and potential targets and the different terrorists and terrorist groups.

Course Objectives

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

- Identify recent events and current trends in terrorism and the types of WMD attacks and how they affect emergency response.
- Describe the types of WMD attacks and how they differ from other hazardous materials incidents.
- Identify locations and potential targets and describe their vulnerability to attacks.
- Identify the types of terrorists and terrorist groups.

Primary Core Capability

Threats and Hazard Identification

Secondary Core Capability(s)

- Operational Coordination
- Public Health, Healthcare, and Emergency Medical Services
- Screening, Search, and Detection
- Situational Assessment

Mission Areas

- Common

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Governmental Administrative
- Health Care
- Public Health
- Public Works
- Search & Rescue

Training Certificates

International Association of Fire Fighters Certificate of Completion

Point of Contact

IAFF HazMat-WMD Training Department

Phone: 202-824-9311

Email: hazmat@iaff.org

Comprehensive Cyberterrorism Defense (CCD) PER-256

Course Provider: University of Texas San Antonio **Course Length:** 36.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Course Description

Developed and delivered by the Criminal Justice Institute (CJI) and sponsored by the University of Texas at San Antonio (UTSA), CCD is combination of instructor led classroom lecture and hands-on computer lab applications provides participants with the expertise necessary to defend data and communication networks from cyberterrorism events. Course participants are introduced to cyber-defense tools that will assist them in monitoring their computer networks and implementing cybersecurity measures to prevent or greatly reduce the risk of a cyber-based attack against our nation's critical cyber-infrastructure.

Course Objectives

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

- Effectively protect computer networks by survey of the following: planning and preparation of defenses, installation and administration of defenses, hardening network defenses, monitoring defenses, and testing and modifying defense
- Increase understanding of historical perspecivtes, network design, and emerging methodologies in computer hacking

Prerequisites

- This course is an intermediate level hands-on course where knowledge and experience is required. Minimum Prerequisite: Participants should have a minimum of 2 years’ experience as a system or network administrator, or as an IT security specialist. Preferred Prerequisite: Any experience with penetration testing, plus a minimum of 3 years’ experience as a system or network administrator or an IT security specialist.

Primary Core Capability

Cybersecurity

Secondary Core Capability(s)

- Infrastructure Systems
- On-scene Security, Protection, and Law Enforcement

Mission Areas

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

University of Texas San Antonio Certificate of Completion

NTED

Point of Contact

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Cyberterrorism First Responder (CFR) PER-257

Course Provider: University of Texas San Antonio **Course Length:** 36.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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-emergnecy 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

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

Secondary Core Capability(s)

- Infrastructure Systems
- On-scene Security, Protection, and Law Enforcement

Mission Areas

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material

NTED

- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

University of Texas San Antonio Certificate of Completion

Point of Contact

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Technical Emergency Response Training for CBRNE Incidents PER-260

Course Provider: Center for Domestic Preparedness **Course Length:** 32.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

Course Description

The Technical Emergency Response Training for CBRNE Incidents (TERT) provides participants with CBRNE-specific and all-hazards response skills, enabling them to respond safely to a suspected CBRNE or all-hazards incident. TERT provides participants with information regarding immediate response actions associated with life safety, preservation of property, and restoration of an incident site in addition to information relating to the identification of CBRNE hazards. Participants will be able to assess the scene until the local Incident Command System (ICS) is fully implemented, securing the scene and protecting people and property from the effects of the release or the incident. Participants who successfully complete this course know the proper immediate protective actions required to safely respond to an incident. The TERT course concludes with the performance of acquired skills and tasks in a toxic agent environment.

Course Objectives

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

- Identify potential targets terrorists may attack using CBRNE agents.
- Discuss the various aspects of biological agents when used as weapons.
- Describe the types of threats associated with chemical weapons and the proper response to a chemical hazard incident.
- Explain stages for implementation of the ICS by emergency responders during all phases of an emergency response to a CBRNE/all-hazards incident.
- Describe radiological sources/hazards used by terrorists.
  Perform the necessary skills to support mass casualty triage and evacuation operations at a CBRNE/all-hazards mass casualty incident (MCI).
- Perform decontamination procedures while wearing personal protective equipment (PPE).
- Describe various chemical, biological, radiological, and nuclear (CBRN) dissemination devices.
- Conduct a scene size-up of the hazardous area using the various monitoring and screening tools that have been introduced during class.
- Perform mass casualty and decontamination operations, and conduct surveying and monitoring in response to a CBRNE incident.

Prerequisites

- · AWR-160 Standardized Awareness Training or another equivalent certified awareness training program· IS-100.a Introduction to the Incident Command System or any of the ICS-100 series· IS-200.a ICS for Single Resources and Initial Action Incidents or any of the ICS-200 series· IS-700.a National Incident Management System (NIMS), An Introduction· IS-800.b National Response Framework, An Introduction.

Primary Core Capability

Environmental Response/Health and Safety

Secondary Core Capability(s)

- Infrastructure Systems
- Operational Communications
- Situational Assessment

Mission Areas

- Respond
- Recover

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative

NTED

- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Center for Domestic Preparedness Certificate of Participation

Point of Contact

Mike Aguilar

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Hazardous Materials Technologies: Sampling, Monitoring, and Detection PER-261

Course Provider: Center for Domestic Preparedness **Course Length:** 40.0 hours
Course Delivery: Residential Training **Course Level:** Performance

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.

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

Target Audience

- Fire Service
- Hazardous Material

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

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Hands-On Training for CBRNE Incidents PER-262

Course Provider: Center for Domestic Preparedness **Course Length:** 16.0 hours
Course Delivery: Residential Training **Course Level:** Performance

Continuing Education Units

General: 1.6

Course Description

Hands-On Training for CBRNE Incidents (HOT) is a two-day course in which participants develop and apply chemical, biological, radiological, nuclear or explosive (CBRNE) incident response practices in a realistic environment. The HOT course provides participants with knowledge and skills to perform at an operations level. HOT provides responders the unique opportunity to practice their knowledge and skills in a practical exercise 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:

Below are some, but not all, of the critical skill sets learned during this training program:

Explain the course of action for a CBRNE response, including triage, decontamination, scene survey, and monitoring operations.

Perform mass casualty triage, decontamination, and monitoring operations while wearing the appropriate level of PPE in response to a CBRNE incident.

Prerequisites

- · To be eligible for the course, the student must successfully complete AWR160, Standardized Awareness Training.
- · Participants should be able to don and doff PPE Level C, don and doff self-contained breathing apparatus (SCBA), lift 40 pounds or more, and meet CDP medical criteria.

Primary Core Capability

Environmental Response/Health and Safety

Secondary Core Capability(s)

- Infrastructure Systems
- Operational Communications
- Public Health, Healthcare, and Emergency Medical Services
- Situational Assessment

Mission Areas

- Respond
- Recover

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Training Certificates

Center for Domestic Preparedness Certificate of Completion

NTED

Point of Contact

Mike Aguilar
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Respiratory Protection: Program Development and Administration PER-263

Course Provider: Center for Domestic Preparedness **Course Length:** 20.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

Continuing Education Units

General: 2

Course Description

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

Prerequisites

- Standardized Awareness Training (AWR-160)
- · 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 ipen 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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Security and Safety
- Transportation

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

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Law Enforcement Protective Measures for CBRNE Incidents PER-264

Course Provider: Center for Domestic Preparedness **Course Length:** 8.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

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.

Prerequisites

- Standardized Awareness Training (AWR-160)
- · 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

Target Audience

- Law Enforcement

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

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Law Enforcement Protective Measures for CBRNE Incidents, Train-the-Trainer PER-264-1

Course Provider: Center for Domestic Preparedness **Course Length:** 16.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

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 TtT 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.

Prerequisites

- Standardized Awareness Training (AWR-160)
- · 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

Target Audience

- Law Enforcement

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

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Law Enforcement Response Actions for CBRNE Incidents PER-265

Course Provider: Center for Domestic Preparedness **Course Length:** 8.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

Continuing Education Units

General: .8

Course Description

This course provides law enforcement personnel receive 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.

Prerequisites

- Law Enforcement Protective Measures for CBRNE Incidents (PER-264)
- · 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; and· 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

Target Audience

- Law Enforcement

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguilar

NTED
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Course Website: https://cdp.dhs.gov/training/courses/lera

Instructor Training Course (ITC) PER-266

Course Provider: Center for Domestic Preparedness **Course Length:** 40.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

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:

- Developing and delivering instruction using multiple teaching and delivery strategies.
- Identifying learning resources applicable to a responder/receiver training environment.
- Assessing student needs and managing the learning environment.

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

Target Audience

- Agriculture
- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

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Course Website: https://cdp.dhs.gov/training/courses/itc

Emergency Medical Operations for CBRNE Incidents PER-267

Course Provider: Center for Domestic Preparedness **Course Length:** 32.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

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.

Prerequisites

- Standardized Awareness Training (AWR-160)
- · 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

Target Audience

- Emergency Medical Services
- Health Care
- Public Health

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

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Course Website: https://cdp.dhs.gov/training/courses/emo

A Coordinated Response to Food Emergencies: Practice and Execution PER-273

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 1.6

Course Description

This instructor-led course provides responders with training on all-hazards food emergency support operations. For the purpose of this course, food emergencies include natural disasters, human-made disasters, foodborne outbreaks, or food adulterations that impact the food chain and have the potential for mass consequences. The course focuses on the performance and coordination of local, state, and federal agency operations during the response to and recovery from such emergencies. The course covers the four main phases of food emergency response: incident identification and investigation, containment and control, disposal and decontamination, and recovery. The course uses classroom instruction and a collaborative learning exercise to provide participants with the tools and knowledge to effectively respond to a variety of food emergencies. Finally, participants will create a comprehensive action plan specific to their particular agency or jurisdiction which incorporates course content. This action plan will familiarize participants with the critical considerations during food emergency response as it pertains to their specific job duties and responsibilities.

Course Objectives

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

- Identify the different types of food emergencies, as well as their potential role in corresponding response efforts
- Describe barriers to an effective and coordinated food emergency response by reviewing the effectiveness of response and the consequences of past incidents
- Identify key food emergency response partners and their responsibilities to improve the coordination and effectiveness of a food emergency response
- Describe key steps to identify food-related incidents and support the investigation process to determine the source, extent, and cause of an incident in a timely manner
- Describe key responsibilities, authorities, and methods regarding containment and control of food emergencies.
- Describe key responsibilities, authorities, and methods for disposing of food products and decontaminating affected facilities
- Identify roles, responsibilities, and follow-up activities of food emergency response personnel at the local, state, and federal levels to support the recovery process
- Employ the information learned throughout the course to support and coordinate an effective response and recovery operation to a significant food emergency
- Complete their action plan.

Prerequisites

- Participants should be familiar with their respective roles and responsibilities with regard to food emergencies
- ICS 100, 200, 700, and 800 are highly recommended
- Participants must be U.S. Citizens

Primary Core Capability

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s)

- Access Control and Identity Verification
- Community Resilience

- Critical Transportation
- Cybersecurity
- Economic Recovery
- Environmental Response/Health and Safety
- Forensics and Attribution
- Housing
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Logistics and Supply Chain Management
- Long-term Vulnerability Reduction
- Natural and Cultural Resources
- Operational Coordination
- 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
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Protect

Target Audience

- Agriculture
- Emergency Management
- Hazardous Material
- Public Health
- Public Safety Communications

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

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

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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.

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
- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Areas

- Prevent
- Respond
- Common

Target Audience

- Emergency Management
- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Law Enforcement Active Shooter Emergency Response, Train-the-Trainer PER-275-1

Course Provider: Louisiana State University **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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

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

Target Audience

- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Law Enforcement Active Shooter Emergency Preparedness, Customized PER-275-C

Course Provider: Louisiana State University **Course Length:** 8.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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 and active shooter incident based scenario

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

Target Audience

- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Transit Terrorist Tools and Tactics (T4) PER-276

Course Provider: Louisiana State University **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

General: 2.4

Course Description

This course is designed to address the technical aspects of detecting, deterring, preventing, mitigating, and responding to a potential CBRNE attack directed against a transit system facility. As such, it provides detailed information through presentations and practical exercises requiring participants to demonstrate skills obtained during this course. The course consists of eight modules taught through a combination of classroom sessions and comprehensive practical exercises.

The course examines trends in transit terrorism, characteristics of CBRNE, securing transit systems, response processes, screening and detection methods, and implementation of security countermeasures.

Course Objectives

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

- Recognize transit terrorist tactics in use, how transit system components intensify terrorist tactics, and federal threat level designations and response recommendations.
- Recognize CBRNE devices and describe the concepts for detection and identification of CBRNE components and devices.
- Plan for CBRNE interdiction and implement screening operations, non-intrusive inspection techniques, isolation zones, evacuation, and media relations.
- Apply targeted detection and personnel screening techniques in a controlled transit system environment and recognize federal threat level designations and response recommendations.
- Identify major concerns regarding transit terrorism and develop methods for addressing those concerns.
- Plan for and implement a rapid response to a high-risk transit terrorist threat.

Prerequisites

- · Participants should currently be actively employed in those areas specifically identified in the Target Audience section previously listed.· Participants should have previously attended a basic awareness WMD/CBRNE course in order to achieve the most from this course.

Primary Core Capability

Screening, Search, and Detection

Secondary Core Capability(s)

- Community Resilience
- Critical Transportation
- Environmental Response/Health and Safety
- 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 Information and Warning

- Risk Management for Protection Programs and Activities
- Risk and Disaster Resilience Assessment

Mission Areas

- Prevent
- Protect
- Respond
- Common

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

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Tank Car Specialist PER-290

Course Provider: Transportation Technology Center, Inc. **Course Length:** 40.0 hours
Course Delivery: Residential Training **Course Level:** Performance

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 techniciThe 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 chose 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.

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
- Interdiction and Disruption
- 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

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Security and Safety
- Transportation

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

Phone: 719-584-0584

Email: SERTC@aar.com

Highway Emergency Response Specialist PER-291

Course Provider: Transportation Technology Center, Inc. **Course Length:** 40.0 hours
Course Delivery: Residential Training **Course Level:** Performance

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.

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

NTED

- Operational Communications
- Operational Coordination
- Planning
- Screening, Search, and Detection
- Situational Assessment

Mission Areas

- Prevent

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Security and Safety
- Transportation

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

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Leadership and Management of Surface Transportation Incidents (LMSTI) PER-292

Course Provider: Transportation Technology Center, Inc. **Course Length:** 40.0 hours
Course Delivery: Residential Training **Course Level:** Performance

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

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Security and Safety
- Transportation

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

Phone: 719-584-0584

Email: SERTC@aar.com

HazMat/WMD Technician for Surface Transportation (HWMDTST) PER-293

Course Provider: Transportation Technology Center, Inc. **Course Length:** 80.0 hours
Course Delivery: Residential Training **Course Level:** Performance

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.

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Security and Safety
- Transportation

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

Phone: 719-584-0584

Email: SERTC@aar.com

Secondary Screener/Radiation Isotope Identifier (RIID) Refresher, Web-Based PER-297-W

Course Provider: Counterterrorism Operations Support **Course Length:** 1.5 hours
Course Delivery: Online Training **Course Level:** Performance

Course Description

This course is designed to provide refresher training to a secondary screener who has successfully completed a course in how to operate and employ a Radiation Isotope Identifier Device (RIID) in weapons of mass destruction (WMD) radiological/nuclear prevention detection activities. The course is divided into four modules that may be completed in or out of sequence. Module 1 is controls, Module 2 is secondary screening skills, Module 3 is the alarm response guide (ARG), and Module 4 is reachback.

Course Objectives

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

- Identify the core elements of the primary and secondary screener activities, in accordance with the guidelines provided in the SS/RIID Job Aid/Field Operations Guide (FOG).
- Describe the RIID operation and, using the RIID and Job Aid/FOG, perform the ARG steps to detect, verify, locate measure, identify, and assess radiological sources, in accordance with the procedures listed in the SS/RIID Job Aid/FOG.
- Using a RIID kit and the Job Aid/FOG, identify the RIID operational characteristics and components, and perform a RIID pre-operations check, in accordance with the SS/RIID Job Aid procedural steps.
- Using the RIID and Job Aid/FOG, employ the RIID to detect, verify, locate, measure, identify, and assess radiological materials in vehicles and facilities, in accordance with the procedures listed in the SS/RIID Job Aid.

Prerequisites

- PER-245 Secondary Screener/Radiation Isotope Identifier Device (SS/RIID)Verifiable training or skills equivalent to the PER-245

Primary Core Capability

Screening, Search, and Detection

Secondary Core Capability(s)

- Interdiction and Disruption
- Screening, Search, and Detection

Mission Areas

- Prevent

Target Audience

- Fire Service
- Hazardous Material
- Law Enforcement

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

Team Approach to Foodborne Outbreak Response PER-298

Course Provider: Louisiana State University **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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

Prerequisites

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

Secondary Core Capability(s)

- Community Resilience
- Economic Recovery
- Environmental Response/Health and Safety
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Logistics and Supply Chain Management
- Long-term Vulnerability Reduction
- Operational Communications
- Operational Coordination
- 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
- Supply Chain Integrity and Security
- Threats and Hazard Identification

Mission Areas

- Protect

Target Audience

- Agriculture
- Health Care
- Other
- Public Health
- Public Works

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Personal Radiation Detector (PRD) Refresher PER-300

Course Provider: Counterterrorism Operations Support **Course Length:** 4.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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.

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

Target Audience

- Fire Service
- Law Enforcement

NTED

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

Personal Radiation Detector (PRD) Refresher, Web-Based PER-300-W

Course Provider: Counterterrorism Operations Support **Course Length:** 1.5 hours
Course Delivery: Online Training **Course Level:** Performance

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.

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

Target Audience

- Fire Service
- Law Enforcement

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 702-963-2867

Email: ctosreg@nv.doe.gov

Social Media for Natural Disaster Response and Recovery PER-304

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Performance

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, fuctions 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

Prerequisites

- None

Primary Core Capability

Operational Communications

Secondary Core Capability(s)

- Community Resilience
- Public Information and Warning

NTED

- Situational Assessment

Mission Areas

- Prevent
- Respond
- Common

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Introduction to Improvised Nuclear Device (IND) Effects and Response Strategies PER-307-W

Course Provider: Counterterrorism Operations Support **Course Length:** 3.0 hours
Course Delivery: Online Training **Course Level:** Performance

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.

Prerequisites

- Recommended, all of the following: ICS-100 Introduction to the Incident Command System, ICS-200 Basic Incident Command/ICS for Single Resources and Initial Action Incidents, and ICS-700 National Incident Management System (NIMS): An Introduction. Recommended, one of the following: AWR-140 or AWR-140-W WMD Radiological/Nuclear Awareness Course, PER-240 WMD Radiological/Nuclear Responder Operations Course, PER-241 WMD Radiological/Nuclear Course for Hazardous Material (HazMat) Technicians, PER-295-W Radiological/Nuclear Weapon Of Mass Destruction (WMD) Response Operations Refresher Course, PER-904 Radiological Emergency Response Operations (RERO), PER-905 Advanced Radiological Incident Operations (ARIO), PER-908 Radiological Series, Train the Trainer (RAD TtT), IS-3 Radiological Emergency Management, IS-301 Radiological Emergency Response, IS-302 Modular Emergency Radiological Response Transportation Training (MERRTT), U.S. Department of Energy (DOE) Transportation Emergency Preparedness Program (TEPP) Modular Emergency Radiological Response Transportation Training (MERRTT), or G320 Fundamentals Course for Radiological Response

Primary Core Capability

Situational Assessment

Mission Areas

- Respond

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

Rural Isolation and Quarantine for Public Health and Healthcare Professionals PER-308

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 4.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Course Description

Rural Isolation and Quarantine for Public Health and Healthcare Professionals is a performance-level, instructor-led course designed follow the prerequisite course, Isolation and Quarantine for Rural Communities. This course expands on concepts introduced in Isolation and Quarantine for Rural Communities, and consists of two customized training modules specifically tailored toward course participants in the public health and medical fields. In this module, participants will become familiar with guidance that assists communities in planning for isolation and quarantine (I&Q), such the National Response Framework and its implications in the healthcare community. Participants will be introduced to actions public health and medical facility planners should consider when planning for I&Q

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 quarantinable 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, as well as the roles of cooperating sectors
- 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& response
- Communication strategies to be implemented before, during, and after I&Q
- Resources needed for I&Q response
- The logistics of enacting I&Q.

Prerequisites

- · Participant must be a U.S. citizenOther prerequisites:· 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

Target Audience

- Emergency Management

- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Security and Safety

Training Certificates

Rural Domestic Preparedness Consortium Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-855-7372

Email: helpdesk@ruraltraining.org

Preventive Radiological Nuclear Detection Team Operations PER-318

Course Provider: Counterterrorism Operations Support **Course Length:** 32.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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. Additonal 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 internatiaonal 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 Dectection Architecture (GNDA)

Prerequisites

- Personal Radiation Detector Course (PRD) PER-243 (PER-243)
- Secondary Screener/Radiation Isotope Identifier Device (SS/RIID) (PER-245)

Primary Core Capability

Screening, Search, and Detection

Secondary Core Capability(s)

- Operational Communications
- Operational Coordination
- Planning
- Situational Assessment

Mission Areas

- Protect

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 877-963-2867

Email: ctosreg@nv.doe.gov

Course Website: www.ctosnnsa.org

Personal Protective Measures for Biological Events PER-320

Course Provider: Center for Domestic Preparedness **Course Length:** 8.0 hours
Course Delivery: Mobile/Non-Resident, Residential **Course Level:** Performance

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. 6. 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

Target Audience

- Emergency Management
- Emergency Medical Services

- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health

Training Certificates

Center for Domestic Preparedness Certificate of Completion

Point of Contact

Michael Aguilar

Phone: 256-231-0106

Email: Michael.aguilar@fema.dhs.gov

Surface Transportation Emergency Preparedness and Security for Freight by Rail or Highway (STEPS Freight) PER-326

Course Provider: Transportation Technology Center, Inc. **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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 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 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.

Prerequisites

- Participants should have repsonsibility 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

Secondary Core Capability(s)

- Community Resilience
- Critical Transportation
- Environmental Response/Health and Safety
- Infrastructure Systems
- Intelligence and Information Sharing
- Logistics and Supply Chain Management
- Long-term Vulnerability Reduction
- Mass Care Services
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Public Information and Warning
- Risk Management for Protection Programs and Activities
- Risk and Disaster Resilience Assessment
- Situational Assessment
- Threats and Hazard Identification

Mission Areas

- Respond

Target Audience

- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

Phone: 719-584-0584

Email: SERTC@aar.com

Crude By Rail Emergency Response (CBR) PER-327

Course Provider: Transportation Technology Center, Inc. **Course Length:** 24.0 hours
Course Delivery: Residential Training **Course Level:** Performance

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.

Prerequisites

- Firefighter I or Equivalent, Hazardous Materials Operations (HMFRO)

Primary Core Capability

Physical Protective Measures

Mission Areas

- Mitigation

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

Phone: 719-584-0584

Email: SERTC@aar.com

The Surface Transportation Emergency Preparedness and Security for Mass Transit and Passenger Rail (STEPS-PT) PER-330

Course Provider: Transportation Technology Center, Inc. **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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.

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

NTED

- Situational Assessment
- Threats and Hazard Identification

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Public Safety Communications
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

Phone: 719-584-0584

Email: SERTC@aar.com

Surface Transportation Emergency Preparedness and Security for Senior Officials or Administrators (STEPS Sr.) PER-331

Course Provider: Transportation Technology Center, Inc. **Course Length:** 5.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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.

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 prerequisities, 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

Target Audience

- Emergency Management

NTED

- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety
- Transportation

Training Certificates

Transportation Technology Center, Inc. Certificate of Completion

Point of Contact

Registration Desk

Phone: 719-584-0584

Email: SERTC@aar.com

Isolation and Quarantine Response Strategies in the Event of a Biological Disease Outbreak in Tribal Nations PER-333

Course Provider: Rural Domestic Preparedness Consortium **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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

Secondary Core Capability(s)

- Access Control and Identity Verification
- Community Resilience
- Critical Transportation
- Environmental Response/Health and Safety
- Health and Social Services
- Operational Communications
- Operational 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
- Situational Assessment
- Threats and Hazard Identification

Mission Areas

- Common

Target Audience

- Agriculture
- Animal Emergency Services
- 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

Point of Contact

Registration Desk
Phone: 877-855-7372
Email: helpdesk@ruraltraining.org
Course Website: www.ruraltraining.org

Search and Rescue in Community Disasters PER-334

Course Provider: Texas Engineering Extension Service **Course Length:** 12.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Education
- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Information Technology
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works
- Search & Rescue
- Security and Safety

NTED

- Transportation

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Russ Napier

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Email: russell.napier@teex.tamu.edu

Critical Decision Making for Complex Coordinated Attacks PER-335

Course Provider: Louisiana State University
Course Length: 16.0 hours
Course Delivery: Mobile Training
Course Level: Performance

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

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

Mission Areas

- Respond

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Public Health
- Public Safety Communications
- Security and Safety

NTED

- Transportation

Training Certificates

Louisiana State University Certificate of Completion

Point of Contact

Registration Desk

Phone: 877-829-8550

Email: info@ncbrt.lsu.edu

Active Threat Integrated Response Course (ATIRC) PER-340

Course Provider: Texas State University San Marcos **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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:

1. Recognize the course goal, enabling objectives, course schedule, and course performance requirements.

2. Use the Active Shooter Incident Management Checklist in managing an integrated response to active shooter events.

3. Be familiar with staging and how to function as a Staging Area Manager in an active threat integrated response.

4. Identify appropriate life saving techniques that can be used in a direct threat environment.

5. Identify appropriate lifesaving techniques that can be used in an indirect threat environment.

6. 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).

7. Discuss and demonstrate advanced medical skills based on tactical emergency casualty care (TECC) and National Incident Management System (NIMS) guidelines.

8. 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.

9. Complete a comprehensive written post-test and course evaluation.

Prerequisites

- Participants must be state-certified law enforcement, fire, or EMS providers. EMS providers must be EMT-B certified (preferably EMT-I or EMT-P). Participants should have completed IS-100, IS-300, IS-400 and IS-700.

Primary Core Capability

On-scene Security, Protection, and Law Enforcement

Mission Areas

- Protect
- Respond
- Common
- Mitigation

Target Audience

- Emergency Medical Services
- Fire Service
- Law Enforcement

Training Certificates

Texas State University San Marcos Certificate of Completion

Point of Contact

Emily Smith

Phone: 512-245-1744

Email: emily@alerrt.org

Course Website: https://teex.org/nerrtconline

Social Media Tools and Techniques PER-344

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

Course Length: 8.0 hours

Course Delivery: Mobile Training

Course Level: Performance

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:

Describe and evaluate the value of using various types of social media tools; Create a social media strategy integrating tools, techniques, and best practices; Use data mining and crowdsourcing techniques for information gathering; Use crisis mapping and mobile apps in disaster management; Apply social media tools and techniques in a comprehensive activity while implementing rumor-dispelling techniques.

Prerequisites

- Social Media for Natural Disaster Response and Recovery (PER-304)

Primary Core Capability

Public Information and Warning

Mission Areas

- Respond
- Common
- Mitigation

Target Audience

- 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

Point of Contact

Registration Desk

Phone: 808-725-5220

Email: ndptc-training@lists.hawaii.edu

Course Website: https://ndptc.hawaii.edu/training

Radiation Instruments Operations PER-345

Course Provider: Counterterrorism Operations Support **Course Length:** 4.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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

Secondary Core Capability(s)

- Access Control and Identity Verification
- Environmental Response/Health and Safety
- Fatality Management Services
- Mass Care Services
- On-scene Security, Protection, and Law Enforcement

Mission Areas

- Prevent
- Protect
- Respond
- Recover

Target Audience

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Works
- Search & Rescue
- Transportation

Training Certificates

Counterterrorism Operations Support Certificate of Participation

Point of Contact

Leslie Maison

NTED
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Email: maisonlm@nv.doe.gov

Active Shooter Incident Management (16 hour) PER-352

Course Provider: Texas Engineering Extension Service **Course Length:** 16.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

Continuing Education Units

IACET: 2.4

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.

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Public Safety Communications
- Search & Rescue

NTED

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Bill Godfrey

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Email: bill.godfrey@c3pathways.com

Course Website: http://alerrt.org/HostingRequests/add

Active Shooter Incident Management with Complex Incidents (24 hour) PER-353

Course Provider: Texas Engineering Extension Service **Course Length:** 24.0 hours
Course Delivery: Mobile Training **Course Level:** Performance

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.

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

Target Audience

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Public Safety Communications
- Search & Rescue

Training Certificates

Texas Engineering Extension Service Certificate of Completion

Point of Contact

Bill Godfrey

Phone: 407-490-1300

Email: bill.godfrey@c3pathways.com

Course Website: http://alerrt.org/HostingRequests/add