

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:

1. Resident: At the training provider's own facility.
2. Mobile: At or near the location of the agency that requests the training.
3. Online: This self-paced training is delivered in an asynchronous format via computer and Internet connection.

Cost of Training

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

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

How to Apply for/Schedule a Course Delivery

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

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

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

mobile and residential training must be authorized through your SAA TPOC.

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

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

NTED Courses:

An interested jurisdiction/agency contacts their respective SAA TPOC to request an NTED resident or mobile instructor-led course. It is then at the SAA TPOC's discretion to approve or not approve the training request. If the SAA TPOC agrees to the training request, he/she contacts the training partner directly with information about the specific course to schedule, the number of participants interested in attending the course, and a listing of preferred dates.

Once the SAA TPOC and the training partner agree on course availability and dates, the SAA TPOC informs the requesting jurisdiction/agency and further logistical coordination ensues (i.e. exact location, dates, and times of the training). Additional information, logistics, and/or paperwork may be required and will be coordinated by the training partner with the SAA TPOC or a jurisdiction/agency contact (designated by the SAA TPOC).

CDP Courses:

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

Step 1: If you haven't already, register for a CTAS account at <https://cdp.dhs.gov/elms/>

Step 2: State, local and tribal students should complete the Training Course Application and Medical Screening Form, filling in the electronic form(s) and printing before submitting. Federal, international and private sector students, contact the CDP at studentservices@cdpemail.dhs.gov

Step 3: Process the application through your chain of command/local approval authority.

Step 4: Submit the completed application to your State Administrative Agency (SAA) Training Points of Contact (TPOC) <http://cdp.dhs.gov/training/resident/#resident-coordinators>

Step 5: The SAA TPOC will review the application and forward it to the CDP for scheduling.

Non-Resident (Mobile) Training: To begin the process, the jurisdiction, agency, or SAA TPOC

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

For a full list of available CDP course offerings, please visit: <http://cdp.dhs.gov/>.

For general questions about NTED and its training programs:
firstrespondertraining@fema.dhs.gov

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Awareness			
AWR-111-W	Basic Emergency Medical Services (EMS) Concepts for Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events	Texas Engineering Extension Service	2
AWR-118	Biological Incidents Awareness	Louisiana State University	4
AWR-122	Law Enforcement Prevention and Deterrence of Terrorist Acts	Louisiana State University	6
AWR-132	Understanding and Planning for School Bombing Incidents, Mobile	New Mexico Institute of Mining and Technology	8
AWR-132-C	Understanding and Planning for School Bombing Incidents, Customized	New Mexico Institute of Mining and Technology	9
AWR-132-W	Understanding and Planning for School Bombing Incidents, Web	New Mexico Institute of Mining and Technology	11
AWR-136	Developing Cybersecurity Resiliency for Everyone	Texas Engineering Extension Service	13
AWR-138-W	Network Assurance	Texas Engineering Extension Service	15
AWR-139-W	Digital Forensics Basics	Texas Engineering Extension Service	16
AWR-140	Introduction to Radiological Nuclear WMD Operations	Nevada Test Site	18
AWR-140-1	WMD Radiological/Nuclear Awareness Course, Train-the-Trainer	Nevada Test Site	20
AWR-140-W	Introduction to Radiological/Nuclear WMD Operations	Nevada Test Site	22
AWR-144	Port and Vessel Security for Public Safety and Maritime Personnel	Rural Domestic Preparedness Consortium	24
AWR-147	Rail Car Incident Response	Rural Domestic Preparedness Consortium	26
AWR-148	Crisis Management for School-Based Incidents - Partnering Rural Law Enforcement, First Responders, and Local School Systems	Rural Domestic Preparedness Consortium	28
AWR-148-W	Crisis Management for School-Based Incidents - Partnering Rural Law Enforcement, First Responders, and Local School Systems-Web-Based	Rural Domestic Preparedness Consortium	31
AWR-160	Standardized Awareness Training	Texas Engineering Extension Service	33
AWR-160-W	WMD/Terrorism Awareness for Emergency Responders	Texas Engineering Extension Service	35
AWR-167	Sport and Special Event Risk Management and Planning	Texas Engineering Extension Service	37
AWR-168-W	Foundations of Cyber Crimes	Texas Engineering Extension Service	39
AWR-169-W	Introduction to Cyber Incident Management	Texas Engineering Extension Service	41
AWR-173-W	Information Security Basics	Texas Engineering Extension Service	43
AWR-174-W	Cyber Ethics	Texas Engineering Extension Service	45
AWR-176-W	Disaster Recovery for Information Systems	Texas Engineering Extension Service	47
AWR-177-W	Information Risk Management	Texas Engineering Extension Service	49
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AWR-209-W	Working with the Media: A Course for Rural First Responders	Rural Domestic Preparedness Consortium	58
AWR-213	Critical Infrastructure Security and Resilience Awareness	Texas Engineering Extension Service	60
AWR-217	Tsunami Awareness	University of Hawaii, National Disaster Preparedness Training Center	62
AWR-219	Site Protection through Observational Techniques	Louisiana State University	64
AWR-219-C	Site Protection through Observational Techniques, Customized	Louisiana State University	66
AWR-228	Community Resilience: Building Resilience from the Inside Out	University of Hawaii, National Disaster Preparedness Training Center	68
AWR-230	Response to Bombing Incidents, Mobile	New Mexico Institute of Mining and Technology	70
AWR-230-C	Response to Bombing Incidents, Customized	New Mexico Institute of Mining and Technology	71
AWR-231	Prevention of Bombing Incidents, Mobile	New Mexico Institute of Mining and Technology	73
AWR-231-C	Prevention of Bombing Incidents, Customized	New Mexico Institute of Mining and Technology	74
AWR-232	Mass Fatalities Planning and Response for Rural Communities	Rural Domestic Preparedness Consortium	76
AWR-233	Volcanic Crises Awareness Course	University of Hawaii, National Disaster Preparedness Training Center	78
AWR-235	Initial Law Enforcement Response to Suicide Bombing Attacks, Mobile	New Mexico Institute of Mining and Technology	80
AWR-235-C	Initial Law Enforcement Response to Suicide Bombing Attacks, Customized	New Mexico Institute of Mining and Technology	82
AWR-290	Railroad Safety Awareness	Transportation Technology Center, Inc.	84
AWR-300-W	End User Security and Privacy	The University of Arkansas, Criminal Justice Institute	86
AWR-301	Cybersecurity for Educational Leaders	The University of Arkansas, Criminal Justice Institute	88
AWR-302	Pipeline Security in Rural Communities	Rural Domestic Preparedness Consortium	90
AWR-304-W	Shopping Center Security Terrorism Awareness Training Program, Web-Based	Louisiana State University	92
AWR-307-V	Identifying Community Preparedness Resources for Tribal Nations	Columbia University, National Center for Disaster Preparedness	94
AWR-308	Building Disaster Resilience for Caregivers	University of Hawaii, National Disaster Preparedness Training Center	96
AWR-310	Building Disaster Resilience for Community Leadership	University of Hawaii, National Disaster Preparedness Training Center	98
AWR-311	Small Vessel Security for Rural Communities	Rural Domestic Preparedness Consortium	100
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AWR-316	Emergency Management Best Practices for Tribal Nations	Georgia Tech Research Institute	109
AWR-319	Leveraging Tools for Conducting Damage Assessments	University of Hawaii, National Disaster Preparedness Training Center	111
AWR-322-W	Natural Disaster Awareness for Security Professionals	University of Hawaii, National Disaster Preparedness Training Center	113
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AWR-328	All Hazards Preparedness for Animals in Disasters	Rural Domestic Preparedness Consortium	117
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AWR-345	Uncrewed Aircraft Systems in Disaster Management	University of Hawaii, National Disaster Preparedness Training Center	127
AWR-350-W	Hospital Radiological Emergency Operations: Hospital Operations Plan	Nevada Test Site	129
AWR-351-W	Zero Trust: Identity and Access Management	Texas Engineering Extension Service	131
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AWR-356	Community Planning for Disaster Recovery	University of Hawaii, National Disaster Preparedness Training Center	135
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MGT-345	Disaster Management for Electric Power Systems	Texas Engineering Extension Service	258
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MGT-347	Incident Command System (ICS) Forms Review	Texas Engineering Extension Service	262
MGT-348	Medical Preparedness and Response to Bombing Incidents (MPRBI)	Texas Engineering Extension Service	264
MGT-361	Crisis Management Affecting Institutions of Higher Education: A Collaborative Community Approach	Texas Engineering Extension Service	266
MGT-381	Business Continuity Planning	Rural Domestic Preparedness Consortium	268
MGT-383	Emergency Operations Plans for Rural Jurisdictions	Rural Domestic Preparedness Consortium	270
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MGT-406	Community Threat Group Identification, Assessment, and Information Reporting for Rural Law Enforcement Officers	Rural Domestic Preparedness Consortium	280
MGT-412	Sport and Special Event Evacuation and Protective Actions	Texas Engineering Extension Service	282
MGT-414	Critical Infrastructure Resilience and Community Lifelines	Texas Engineering Extension Service	284
MGT-415	Disaster Recovery in Rural Communities	Rural Domestic Preparedness Consortium	286
MGT-416	Introduction to Continuity of Government Planning for Rural Jurisdictions	Rural Domestic Preparedness Consortium	288
MGT-417	Crisis Management for School-Based Incidents for Key Decision Makers	Rural Domestic Preparedness Consortium	290
MGT-418	Readiness: Training Identification and Preparedness Planning	Louisiana State University	292
MGT-426	Executive Education Seminars hosted by Mobile Education Team (MET)	Naval Postgraduate School	294
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MGT-433	Isolation and Quarantine for Rural Communities: A Whole Community Approach	Rural Domestic Preparedness Consortium	300
MGT-433-W	Isolation and Quarantine for Rural Communities: A Whole Community Approach	Rural Domestic Preparedness Consortium	302

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MGT-440	Enhanced Sports and Special Events Incident Management	Texas Engineering Extension Service	306
MGT-448	All Hazards Planning for Animal, Agricultural, and Food Related Disasters	Rural Domestic Preparedness Consortium	309
MGT-449	Community Based Planning for All-Hazards Threats in Tribal Communities	Rural Domestic Preparedness Consortium	311
MGT-452	Physical and Cybersecurity for Critical Infrastructure	Texas Engineering Extension Service	313
MGT-456	Integration of Cybersecurity Personnel into the Emergency Operations Center for Cyber Incidents	Texas Engineering Extension Service	315
MGT-460	Planning for Disaster Debris Management	University of Hawaii, National Disaster Preparedness Training Center	317
MGT-461	Evacuation Planning Strategies and Solutions	University of Hawaii, National Disaster Preparedness Training Center	319
MGT-465	Recovering from Cybersecurity Incidents	Texas Engineering Extension Service	321
MGT-466	Sport and Special Event Enhanced Risk Management and Assessment	Texas Engineering Extension Service	323
MGT-467	Sport and Special Event Public Information and Emergency Notification	Texas Engineering Extension Service	325
MGT-469	Radiological Dispersal Device (RDD) Response Guidance - Train the Planner	Nevada Test Site	327
MGT-473	Organizational Cybersecurity Information Sharing	The University of Arkansas, Criminal Justice Institute	329
MGT-474	Mitigating Hazards with Land-Use Planning	University of Hawaii, National Disaster Preparedness Training Center	331
MGT-475	Crowd Management for Sport and Special Events	Texas Engineering Extension Service	333
MGT-478	Community Cybersecurity Information Sharing Integration	The University of Arkansas, Criminal Justice Institute	335
MGT-479	Emergence Program	Naval Postgraduate School	337
MGT-481	Disaster Recovery: A Strategic Overview of the Public Assistance Process	Texas Engineering Extension Service	339
MGT-482	Disaster Recovery Public Assistance Programs, an Introduction	Texas Engineering Extension Service	341
MGT-486	Planning for Coastal Hazards	University of Hawaii, National Disaster Preparedness Training Center	343
MGT-488	Pandemic Planning: Emergency Management and Public Health Coordination	Columbia University, National Center for Disaster Preparedness	345
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PER-211	Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events	Texas Engineering Extension Service	347
PER-212	Operational Level Response to HazMat/WMD Incidents	Texas Engineering Extension Service	349
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PER-213	Wide Area Search	Texas Engineering Extension Service	353

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PER-222	Public Safety CBRNE Response Sampling Techniques and Guidelines	Louisiana State University	358
PER-228	Advanced Forensic Investigations for Hazardous Environments	Louisiana State University	360
PER-229	Introduction to the (Computer Aided Management Emergency Operations Suite (CAMEO)	Louisiana State University	363
PER-230	Response to Bombing Incidents, Residential	New Mexico Institute of Mining and Technology	365
PER-230-1	Response to Bombing Incidents, Residential Train-the-Trainer	New Mexico Institute of Mining and Technology	367
PER-231	Prevention of Bombing Incidents, Residential	New Mexico Institute of Mining and Technology	369
PER-231-1	Prevention of Bombing Incidents, Train-the-Trainer	New Mexico Institute of Mining and Technology	371
PER-233	Medical Preparedness and Response to Bombing Incidents, Mobile	New Mexico Institute of Mining and Technology	373
PER-243	Primary Screener / Personal Radiation Detector	Nevada Test Site	375
PER-243-1	Personal Radiation Detector (PRD), Train-the-Trainer	Nevada Test Site	377
PER-245	Preventive Radiological/Nuclear Detection (PRND) Secondary Screener/Radio-Isotope Identification Device	Nevada Test Site	379
PER-245-1	Preventive Radiological/Nuclear Detection Secondary Screener/Radio-Isotope Identification Device (RIID) Train-the-Trainer	Nevada Test Site	381
PER-246	Primary Screener Backpack Basic Course	Nevada Test Site	383
PER-256	Comprehensive Cybersecurity Defense	The University of Arkansas, Criminal Justice Institute	385
PER-257	Cybersecurity First Responder	The University of Arkansas, Criminal Justice Institute	387
PER-261	Hazardous Materials Technologies: Sampling, Monitoring, and Detection	Center for Domestic Preparedness	389
PER-262	Hands-On Training for CBRNE Incidents	Center for Domestic Preparedness	391
PER-275	Law Enforcement Active Shooter Emergency Response	Louisiana State University	393
PER-275-C	Law Enforcement Active Shooter Emergency Preparedness, Customized	Louisiana State University	395
PER-290	Tank Car Specialist (TCS)	Transportation Technology Center, Inc.	396
PER-291	Highway Emergency Response Specialist	Transportation Technology Center, Inc.	399
PER-292	Leadership and Management of Surface Transportation Incidents (LMSTI)	Transportation Technology Center, Inc.	401
PER-293	HazMat/WMD Technician for Surface Transportation (HWMDTST)	Transportation Technology Center, Inc.	403
PER-294	Testing an Emergency Operations Plan in a Rural EOC	Rural Domestic Preparedness Consortium	405
PER-304-W	Social Media Platforms for Disaster Management	University of Hawaii, National Disaster Preparedness Training Center	407
PER-307-W	Nuclear Detonation Effects and Response Strategies	Nevada Test Site	409
PER-311	Creating Economic Resilience for Tribal Nations	Georgia Tech Research Institute	411
PER-317-V	Risk Communication Techniques within Tribal Nations	Columbia University, National Center for Disaster Preparedness	413
PER-318	Preventive Radiological Nuclear Detection Team Operations	Nevada Test Site	415

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PER-325	Homemade Explosives: Awareness, Recognition, and Response, Mobile	New Mexico Institute of Mining and Technology	419
PER-326	Surface Transportation Emergency Preparedness and Security for Freight by Rail or Highway (STEPS Freight)	Transportation Technology Center, Inc.	421
PER-327	Alternative Fuels and Flammable Incident Response and Management (AFFIRM)	Transportation Technology Center, Inc.	423
PER-330	The Surface Transportation Emergency Preparedness and Security for Mass Transit and Passenger Rail (STEPS-PT)	Transportation Technology Center, Inc.	425
PER-331	Surface Transportation Emergency Preparedness and Security for Senior Officials or Administrators (STEPS Sr.)	Transportation Technology Center, Inc.	427
PER-332	Population Monitoring at Community Reception Centers	Nevada Test Site	429
PER-333	Isolation and Quarantine Response Strategies in the Event of a Biological Disease Outbreak in Tribal Nations	Rural Domestic Preparedness Consortium	431
PER-334	Disaster Preparedness and Survival: A Guide for Individuals, Families, and Communities	Texas Engineering Extension Service	433
PER-335	Critical Decision Making for Complex Coordinated Attacks	Louisiana State University	435
PER-340	Active Threat Integrated Response Course	Louisiana State University	437
PER-340-C	Active Threat Integrated Response Course, Customized	Louisiana State University	439
PER-343	Social Media Engagement Strategies	University of Hawaii, National Disaster Preparedness Training Center	441
PER-344	Social Media Tools and Techniques	University of Hawaii, National Disaster Preparedness Training Center	443
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PER-348	Response to a Radiological Dispersal Device (RDD) - Overview and Implementation of the First 100 Minutes Guidance	Nevada Test Site	447
PER-350	Preventive Radiological/Nuclear Detection (PRND) Maritime Operations	Nevada Test Site	449
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PER-354	Response to Radiological/Nuclear Weapon of Mass Destruction Incident	Nevada Test Site	455
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PER-367	Tactical Hazardous Materials Operations for Surface Transportation	Transportation Technology Center, Inc.	459
PER-370	Hospital First Receivers: Detecting Radioactive Contamination	Nevada Test Site	461
PER-371	Cybersecurity Incident Response and Management	The University of Arkansas, Criminal Justice Institute	463
PER-374	Active Threats on Campuses: Protective Measures and Response	Louisiana State University	465
PER-375	Surviving an Active Shooter: Run. Hide. Fight.	Louisiana State University	467
PER-377	Cybersecurity Proactive Defense	The University of Arkansas, Criminal Justice Institute	469
PER-381	Transportation Container Loading and Unloading Emergency Response (TCLUER)	Transportation Technology Center, Inc.	471
PER-382	Malware Prevention, Discovery, and Recovery	The University of Arkansas, Criminal Justice Institute	473
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PER-385	Improving Business' Financial Literacy and Management to Support Post-Disaster Economic Recovery	Columbia University, National Center for Disaster Preparedness	481
PER-387	Improving Individual and Households' Financial Literacy and Management to Support Post-Disaster	Columbia University, National Center for Disaster Preparedness	483
PER-388	Radiological Operations Support Specialist (ROSS)	Nevada Test Site	485
PER-392	Drone Assessment and Response Tactics, Residential	New Mexico Institute of Mining and Technology	488
PER-393	Surviving School Bombing Incidents for Educators, Mobile	New Mexico Institute of Mining and Technology	490
PER-394	Post-Explosion Investigations, Residential	New Mexico Institute of Mining and Technology	492
PER-395	Tactical Response to Suicide Bombing Incidents, Residential	New Mexico Institute of Mining and Technology	494
PER-396	Initial Law Enforcement Response to Suicide Bombing Attacks, Residential	New Mexico Institute of Mining and Technology	496
PER-398	Cybersecurity Resiliency in Industrial Control Systems	The University of Arkansas, Criminal Justice Institute	498
PER-399-1	Instructor Development Threat Evaluation and Reporting Course	Louisiana State University	500
PER-399-C	Basic Threat Evaluation and Reporting Course (B-TERC)	Louisiana State University	504
PER-405	De-Escalation Strategies and Professional Engagement	Louisiana State University	506
PER-407	UAS Data Analytics for Emergency Response	Mississippi State University - Alliance for System Safety of UAS through Research Excellence	508
PER-409-V	Pandemic Planning: Mental Health & Behavioral Health	Columbia University, National Center for Disaster Preparedness	510
PER-412	Cyber Threat Intelligence	The University of Arkansas, Criminal Justice Institute	512
PER-417	Military Ordnance Recognition for Public Safety Bomb Technicians (MOR-PSBT)	New Mexico Institute of Mining and Technology	514
PER-418	Network Traffic Analysis	The University of Arkansas, Criminal Justice Institute	516
PER-421	UAS Flight Operations for Emergency Response Level 2	Mississippi State University - Alliance for System Safety of UAS through Research Excellence	518
PER-434	UAS Data Analytics for Emergency Response Level 2	Mississippi State University - Alliance for System Safety of UAS through Research Excellence	519

NTED Courses

Course Details

Awareness Courses

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

Training Provider: Texas Engineering Extension Service	Course Level: Awareness
Delivery Type(s): Online/Distance Learning	Duration (in Hours): 3.0
Community Lifeline(s): Health and Medical, Hazardous Material	Continuing Education Units: General: 0.3

Duration (in Days):

Course Description:

This web-based course introduces participants to medical knowledge relating to CBRNE events. Participants learn the importance of organizational structures used during Multi-Casualty Incidents (MCI) and the role of the Emergency Medical Services (EMS) branch and the functions of triage, treatment, and transport units. The course addresses responder precautions and initial actions when responding to CBRNE incidents, emphasizing information gathering and responder safety concepts and methods and tactics to mitigate risks and minimize known hazards. The course covers medical implications of a CBRNE agent, and the potential medical signs, symptoms, and blast patterns resulting in injuries and the various levels of a triage method, Sort, Access, Life-saving interventions, and Transport (SALT) and its application during an MCI. The course is recommended before attending a PER-211 Medical Management of 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:

- Identify and define components of the Incident Command System (ICS)
- Describe the role of Emergency Medical Services (EMS) within ICS
- Identify and define the functional roles of the EMS Branch
- Define the command, operations, planning, and logistics responsibilities of EMS personnel
- Identify the components of Sort, Assess, Life-saving interventions, Treatment/Transport (SALT) mass-casualty triage and its process of application
- Identify initial actions that should be taken by the first responder in a CBRNE incident scenario
- Identify potential hazards at the scene of a CBRNE event and describe ways to minimize the associated risks
- Examine a CBRNE incident scenario and identify indicators of a potential event.
- Recognize possible signs, symptoms, and injury patterns associated with exposure to a variety of CBRNE agents
- Define basic responder precautions for incidents involving CBRNE agents

Other Prerequisites:

None

Primary Core Capability:

Mass Care Services

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Public Health, Healthcare, and Emergency Medical Services
- Threats and Hazard Identification

Mission Area(s):

- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Medical Services
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Public Health
- Public Safety Communications
- Citizen/Community Volunteer
- Information Technology
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Participation

Course POC:

TEEX EMS / Public Health Customer Care

POC Work Phone: 979-314-1120

POC Work Email: EMSPH@teex.tamu.edu

POC Information: <https://teex.org/class/awr111/> TEEX/EMS/Public Health Customer
CareEMSPH@teex.tamu.edu979-314-1120

Course Link: <https://teex.org/class/awr111/>

Course Active?: Yes

Biological Incidents Awareness**AWR-118****Training Provider:** Louisiana State University**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 7.0**Continuing Education Units:** General: 0.7**Duration (in Days):** 1.0**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).

Course Objectives:

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

- describe the key success factors in reacting effectively to a biological incident
- discuss basic facts about biological incidents
- recognize signs that suggest a biological incident is taking place
- protect themselves during a biological incident
- demonstrate the knowledge and skills to respond safely to a biological incident

Other Prerequisites:

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

Primary Core Capability:

Environmental Response/Health and Safety

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
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Planning
- Logistics and Supply Chain Management
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Screening, Search, and Detection

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Law Enforcement
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Agriculture
- Citizen/Community Volunteer
- Security and Safety
- Transportation
- Other
- Education

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

POC Information: www.ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/awr-118.php>

Course Active?: Yes

Law Enforcement Prevention and Deterrence of Terrorist Acts**AWR-122****Training Provider:** Louisiana State University**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 14.0**Continuing Education Units:** General: 1.4**Duration (in Days):** 2.0**Course Description:**

This awareness-level course focuses on the recognition, prevention, and deterrence of terrorist activity and other crimes that threaten the safety of life and property for law enforcement and other public safety professionals (such as investigators, parole or probation officers, public health investigators, EMS, fire service, and others in public safety-related positions). Participants will engage in a collaborative learning exercise in which they will take concepts and skills learned throughout the course and apply them to an evolving incident of terrorist activity. Information is essential to successfully deterring, preventing, and responding to terrorist acts. Gathering, sharing, investigating, and analyzing information leads to the development of intelligence. Intelligence can prevent and deter terrorist activity, but it must reach law enforcement at all levels of government as well as safety professionals in public and private sectors.

Course Objectives:

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

- Explain the importance of recognizing, preventing, and deterring terrorist activity.
- Use a baseline knowledge of concepts and terminology associated with terrorist attacks to be better prepared to identify signs of suspicious behavior related to terrorism.
- Describe strategies, activities, and tactics of terrorist attack planning and implementation in order to recognize indicators of terrorism.
- Describe how to disrupt and respond to terrorist attacks through familiarity with the terrorist attack cycle.
- Evaluate whether materials and makeshift labs are associated with the production of CBRNE agents.
- Judge the authenticity of identification documents (IDs).
- Act appropriately on information that can assist with the prevention and deterrence of terrorism.
- Apply prevention and deterrence concepts to an evolving incident of terrorist activity.
- Incorporate what has been learned in this course into their job duties as it relates to detecting and deterring terrorist and extremist attacks.

Other Prerequisites:

Participants must be US citizens and have FEMA student identification numbers with them on the first day of class.

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Interdiction and Disruption

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Medical Services
- Fire Service

NTED

- Public Health
- Public Safety Communications
- Security and Safety
- Search & Rescue
- Other

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Deyvon Cooper

POC Work Phone: 225-578-1375

POC Work Email: info@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/awr-122.php>

Course Active?: Yes

Understanding and Planning for School Bombing Incidents, Mobile**AWR-132****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Continuing Education Units:** General: 0.4**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

- Describe critical decision-making moments during a school bomb threat.
- Develop the ability to validate a school bombing threat.
- Identify pre-detonation response strategies in a school environment.
- Identify post-detonation response strategies in a school environment.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Security and Safety
- Education

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Understanding and Planning for School Bombing Incidents, Customized**AWR-132-C****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Conference or Symposium, Virtual**Duration (in Hours):** 1.5**Continuing Education Units:** General: 0.4**Duration (in Days):** 1.0**Course Description:**

The Understanding and Planning for School Bombing Incidents, Customized course is an awareness-level course which provides emergency first responders and school staff with the information needed to plan and respond to school bomb threats and bombing incidents. Participants in this course are presented with an overview of the methodologies to assess bomb threats, recognize items as suspicious, identify Improvised Explosive Device (IED) components, and implement pre- and post-detonation response actions.

Course Objectives:

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

Identify steps necessary to recognize, assess, and safely respond to incidents

involving a school bombing.

- Discuss the safety exception to the Family Educational Rights and Privacy Act (FERPA).
- Identify methods for assessing a bomb threat or suspicious item.
- Identify considerations when responding to a credible bomb threat or explosion.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Security and Safety
- Education

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

Course Schedule:

Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Understanding and Planning for School Bombing Incidents, Web**AWR-132-W****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 1.5**Duration (in Days):****Course Description:**

The Understanding and Planning for School Bombing Incidents, Web course is an awareness-level course which provides emergency first responders and school staff with the information needed to plan and respond to school bomb threats and bombing incidents. Participants in this course are presented with an overview of the methodologies to assess bomb threats, recognize items as suspicious, identify Improvised Explosive Device (IED) components, and implement pre- and post-detonation response actions.

Course Objectives:

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

Objectives in the course are as follows:

- Identify the steps necessary to recognize, assess, and safely respond to incidents involving a school bombing.
- Discuss the safety exception to the Family Educational Rights and Privacy Act (FERPA).
- Identify methods for assessing a bomb threat or suspicious item.
- Identify considerations when responding to a credible bomb threat or explosion.

Other Prerequisites:

United States Citizenship.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Security and Safety
- Education

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575.825.5702

NTED

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Developing Cybersecurity Resiliency for Everyone**AWR-136****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.8**Duration (in Days):** 1.0**Course Description:**

This course is an eight (8) hour, non-technical introduction to cybersecurity. This awareness-level course will explore cybersecurity and cyber hygiene and demonstrate how cyberattacks can impact, prevent, and/or stop business operations and emergency responses. Participants are introduced to common cybersecurity terminology, fundamental cyber threats and vulnerabilities that can impact individuals and organizations, and best practices and cyber hygiene techniques for securing personal and organizational data, software, and hardware.

The course provides participants with an awareness of cyber threats and vulnerabilities and introduces participants to best practices for securing personal and organizational assets against cyber threats. Upon successful completion of this course, participants will be able to implement best practices to secure organizational data and assets assigned to them, as well as secure their personal devices and data.

Course Objectives:

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

- Analyze the importance of the human layer in defense against cyber-attacks
- Assess how cybersecurity threats can impact individuals and their organizations
- Implement cyber hygiene practices to improve cybersecurity

Other Prerequisites:

None. Recommended prior training: AWR-397-W - Information Security for Everyone AWR-395-W - Cybersecurity in the Workplace

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Planning

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Health Care
- Public Health
- Public Safety Communications
- Public Works

NTED

- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Transportation
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Business and Cyber Solutions bcs@teex.tamu.edu 979-431-4834 <https://teex.org/class/awr136/>

Course Link: <https://teex.org/class/awr136/>

Course Active?: Yes

Network Assurance**AWR-138-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 5.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.5**Duration (in Days):****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. This course also includes information on securing cloud-based networks and applications.

Course Objectives:

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

- Explain layered defense in depth that includes firewalls, intrusion detection and prevention systems and the most current cryptographic standards for data protection
- Explain data logging, auditing, authentication and authorization, as well as the benefits of honeypots
- Explain the common techniques of implementing security for cloud based and virtual networks to include vulnerabilities
- Explain server and database security
- Explain best practices for network security

Other Prerequisites:

None.

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Protect

Discipline(s):

- Information Technology

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

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POC Information: <https://teex.org/class/AWR138/>

Course Link: <https://teex.org/class/awr138/>

Course Active?: Yes

Digital Forensics Basics**AWR-139-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 10.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 1.0**Duration (in Days):****Course Description:**

This course covers investigative methods and standards for the acquisition, extraction, preservation, analysis, and deposition of digital evidence from storage devices. It offers a wide array of forensics situations that are applicable to the real world. Participants will learn how to find traces of illegal or illicit activities left on digital media and devices 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 the fundamentals behind digital forensics.
- Identify how computers, mobile devices, and online platforms store data in relation to digital forensics.
- Explain the basic concepts of collecting digital evidence.
- Identify the basic concepts of digital forensic data analysis.
- Explain concepts related to digital forensic reporting.
- Explain concepts related to evidentiary requirements in digital forensics.
- Explain the roles and responsibilities of a digital forensics expert witness.

Other Prerequisites:

None.

Primary Core Capability:

Forensics and Attribution

Secondary Core Capability(s):

- Cybersecurity
- Intelligence and Information Sharing

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Information Technology
- Security and Safety

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

NTED

POC Information: <https://teex.org/class/AWR139/>

Course Link: <https://teex.org/class/awr139/>

Course Active?: Yes

Introduction to Radiological Nuclear WMD Operations**AWR-140****Training Provider:** Nevada Test Site**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Residential, Virtual**Duration (in Hours):** 4.0**Continuing Education Units:** General: 1.0**Duration (in Days):** 1.0**Course Description:**

The purpose of the Introduction to Radiological/Nuclear WMD 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.

Other Prerequisites:

N/A

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

NTED

- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: ctosmttreg@nv.doe.gov 877-963-2867 www.ctosnnsa.org

Course Active?: Yes

WMD Radiological/Nuclear Awareness Course, Train-the-Trainer**AWR-140-1****Training Provider:** Nevada Test Site**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Residential**Duration (in Hours):** 7.0**Continuing Education Units:** General: 1.0**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

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

- Apply administrative requirements to the indirect delivery of course AWR-140, Introduction to Radiological/Nuclear WMD Operations.
- Interpret the intent and key concepts for each module in course AWR-140, Introduction to Radiological/Nuclear WMD Operations.

Other Prerequisites:

Candidates for course AWR-140-1 shall meet the following prerequisites:

- Be nominated by their agency.
- Have present instructor credentials, including an instructional methodology course certified and recognized by their state or local agencies.
- Complete course AWR-140, Introduction to Radiological/Nuclear WMD Operations.
- Meet the requirements of NFPA 472 Chapters 4 and 5 (awareness and operations levels).

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Physical Protective Measures
- Situational Assessment

Mission Area(s):

- Prevent
- Protect
- Respond
- Common

Discipline(s):

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

NTED

- Public Safety Communications
- Public Works
- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Search & Rescue
- Transportation
- Other
- Education

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: ctosmttreg@nv.doe.gov 877-963-2867 www.ctosnnsa.org

Course Active?: Yes

Introduction to Radiological/Nuclear WMD Operations**AWR-140-W****Training Provider:** Nevada Test Site**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 4.0**Continuing Education Units:** General: 1.0**Duration (in Days):****Course Description:**

This course is the on-line version of the AWR-140 ILT course. The purpose of the Introduction to Radiological/Nuclear WMD 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 identify the concepts of ionizing radiation, its sources, properties and units of measure. The participant will be able to identify the potential harm and biological effects caused by ionizing radiation. Upon completion of the second module the participant will be able to describe possible radiological/nuclear WMD threats that could occur, and to determine the scope and potential outcome of a radiological/nuclear accident or terrorist incident. Upon completion of the third module the participant will identify 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 awareness level protective actions at the scene to reduce radiation exposure and/or contamination to themselves and others.

Other Prerequisites:

N/A

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 Area(s):

- Prevent
- Protect
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-WMD-CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: ctosmttreg@nv.doe.gov 877-963-2867 www.ctosnnsa.org

Course Link: <https://ctos.acadisonline.com/AcadisViewer/Login.aspx>

Course Active?: Yes

Port and Vessel Security for Public Safety and Maritime Personnel**AWR-144****Training Provider:** Rural Domestic Preparedness Consortium **Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Transportation**Duration (in Days):** 1.0**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:

- The U.S. Maritime Transportation System and its impact nationally and locally
- Identify risks in the maritime sector that they might encounter in their jurisdiction;
- Describe the regulations that impact maritime security as well as the interface with the governing agencies;
- Describe the security measures required at each MARSEC level;
- Describe dock/vessel safety concepts related 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 describe how their participation in the Area Maritime Security Committee will assist in integrating their response role with the wider port security stakeholder group

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS. The following are recommend but not required prior to attending the training IS-100 and IS-700.

Primary Core Capability:

Intelligence and Information Sharing

Secondary Core Capability(s):

- Critical Transportation
- Cybersecurity
- 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 Area(s):

- Protect
- Respond
- Recover

NTED

- Mitigation

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Active?: Yes

Rail Car Incident Response**AWR-147****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Transportation, Hazardous Material**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

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

Other Prerequisites:

Participants must be U.S. citizens. Foreign nationals may apply to DHS to attend on a case-by-case basis. It is highly recommended that participants complete the following: IS 100.b - Introduction to Incident Command System (Note: IS-100.b is an updated version of the IS-100.a course). IS 700.a - NIMS An Introduction IS 800.b - National Response Framework, An Introduction

Primary Core Capability:

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 Area(s):

- Prevent
- Protect
- Respond

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

RDPC Help Desk

POC Work Phone: 877-855-7372

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POC Information: RDPC Help Desk helpdesk@ruraltraining.org 877-855-7372

Course Active?: Yes

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

AWR-148

Training Provider: Rural Domestic Preparedness Consortium **Course Level:** Awareness

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security

Duration (in Days): 1.0

Course Description:

The purpose of the Crisis Management for School-Based Incidents - Partnering Rural Law Enforcement, First Responders, and Local School Systems course is to educate rural law enforcement personnel as well as school administrators and personnel on the elements that must be in place to effectively respond to an emergency at a school building or an entire school system. Schools continue to face incidents of violence as well as other crises that require coordination and collaboration within a community to ensure effective management strategies are in place. According to the Indicators of School Crime and Safety: 2020 report released by the Institute of Education Sciences, 80% of public schools recorded that one or more violent incidents had taken place during the previous school year, amounting to 1.4 million incidents. Furthermore, as evidenced by the U.S. Secret Service National Threat Assessment Center (NTAC) 2021 report, Averting Targeted School Violence, the research has found that students display a variety of behaviors as they escalate towards violence to themselves or others. NTAC recommends that schools and communities develop multidisciplinary threat assessment programs to identify, assess, and intervene before violence occurs. This course provides information to the individual rural responder, school representatives, and other community stakeholders that will assist them in the recognition of school-based threats and the identification of protection measures and mitigation strategies necessary to secure our nation's school communities and minimize the impact of an incident on people, property, and the environment.

Course Objectives:

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

Module 1 - Introduction and Course Overview

- Review overall course learning objectives
- Conduct pre-test
- Explain how emergency response personnel and school staff need to work collaboratively to prepare for and respond to school-based crisis events.

Module 2 - Introduction to Incident Planning and Preparedness

- Identify major considerations for Emergency Operations Plans (EOPs).
- Describe roles and responsibilities within an EOP.
- List and provide examples of commonly identified vulnerabilities of schools.

Module 3 - Threat Identification, Prevention, and Mitigation

- Describe the various threats to schools.
- Explain targeted violence and the targeted violence process.
- Describe violence prevention initiatives.
- Explain the Threat Assessment Management process.

Module 4 - Incident Response

- Differentiate between functional annexes and threat/hazard specific annexes.
- Define different types of securing campus protocols, the situation(s) that would initiate such a response protocol, and roles of emergency responders and schools in the protocol.
- Describe considerations related to bomb threat management.

Module 5 - Incident Recovery

- Describe reunification and critical roles of law enforcement.
- Determine mental health needs after an incident.
- Describe incident recovery considerations.
- Describe collaborative roles of law enforcement and schools in post-crisis communications.

Module 6 - Post-Test and Course Evaluation

- Demonstrate a foundation of knowledge regarding crisis management for school-based incidents by completing a post-test.
- Identify areas of improvement as well as competency regarding the course content and instruction by completing a course evaluation form.

Other Prerequisites:

Participants must be U.S. citizens. Foreign nationals may apply to DHS to attend on a case-by-case basis. Other highly recommended prerequisites include: • IS-100.c - Introduction to the Incident Command System • IS-700.b - National Incident Management System, An Introduction • IS-800.d - National Response Framework, An Introduction

Primary Core Capability:

Risk Management for Protection Programs and Activities

Secondary Core Capability(s):

- Physical Protective Measures
- Planning
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Other

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Participation

NTED

Hannah Rogers

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POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

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Information<https://ruraltraining.org>

Course Link: <https://ruraltraining.org/course-catalog/www.ruraltraining.org/training/schedule>

Course Active?: Yes

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

AWR-148-W

Training Provider: Rural Domestic Preparedness Consortium **Course Level:** Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 5.0

Community Lifeline(s): Safety and Security

Duration (in Days):
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.

Course Objectives:

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

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

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS.

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 Area(s):

- Prevent
- Protect
- Respond
- Recover
- Common

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

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Information<https://ruraltraining.org>

Course Link: <https://ruraltraining.org/course/awr-148-w-crisis-management-for-school-based-incident-partnering-rural-law-enforcement-first-responders-and-the-local-school-systems/>

Course Active?: Yes

Standardized Awareness Training**AWR-160****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Communications, Transportation, Hazardous Material**Continuing Education Units:**
IACET: 0.8**Duration (in Days):** 1.0**Course Description:**

The Standardized Awareness Training course provides a basic awareness of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) hazards; how to use the Emergency Response Guidebook (ERG); and how to prepare individuals to lessen further injuries or property losses. Awareness-level training does not certify a responder to perform ongoing operations at an incident.

This course focuses on training responders to meet the requirements established in Chapter 4 Competencies for Hazardous Materials/WMD Awareness Level Personnel (NFPA 472) and Chapter 5 Professional Qualifications for Hazardous Materials/WMD Awareness Level Personnel (NFPA 1072) of National Fire Protection Association (NFPA) 470, Hazardous Materials/Weapons of Mass Destruction (WMD) Standard for Responders (2022 edition). This course also covers Hazardous Waste Operations and Emergency Response, 29 Code of Federal Regulations (CFR) §1910.120(q)(6)(i), and the National Infrastructure Protection Plan (NIPP), NIPP 2013: Partnering for Critical Infrastructure Security and Resilience.

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 Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE) incidents.
- Explain Hazardous Materials (HazMat), hazard classes, and response information using the Emergency Response Guidebook (ERG).
- Explain explosives, indicators of such an attack, methods of delivery, potential sources, and safely responding to an explosion incident.
- Explain chemical agents used as Weapons of Mass Destruction (WMD), indicators of such an attack, methods of delivery, potential sources, and safely responding to a chemical agent incident.
- Explain biological agents used as Weapons of Mass Destruction (WMD), indicators of such an attack, methods of delivery, potential sources, and safely responding to a biological agent incident.
- Explain radiological materials and nuclear weapons used as Weapons of Mass Destruction (WMD), indicators of such attacks, methods of delivery, potential sources, and safely responding to incidents involving radiological materials or nuclear weapons.

Other Prerequisites:

None

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- Physical Protective Measures
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX WMD/Hazmat Operations Program

POC Work Phone: 979-500-6822

POC Work Email: WMDOps@TEEX.tamu.edu

POC Information: <https://teex.org/class/ogt208>

Course Link: <https://teex.org/class/awr160/>

Course Active?: Yes

WMD/Terrorism Awareness for Emergency Responders**AWR-160-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Communications, Transportation, Hazardous Material**Continuing Education Units:**
IACET: 0.8**Duration (in Days):****Course Description:**

The WMD/Terrorism Awareness for Emergency Responders course provides a basic awareness of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) hazards; how to use the Emergency Response Guidebook (ERG); and how to prepare individuals to lessen further injuries or property losses. Awareness-level training does not certify a responder to perform ongoing operations at an incident.

This course focuses on training responders to meet the requirements established in Chapter 4 Competencies for Hazardous Materials/WMD Awareness Level Personnel (NFPA 472) and Chapter 5 Professional Qualifications for Hazardous Materials/WMD Awareness Level Personnel (NFPA 1072) of National Fire Protection Association (NFPA) 470, Hazardous Materials/Weapons of Mass Destruction (WMD) Standard for Responders (2022 edition). This course also covers Hazardous Waste Operations and Emergency Response, 29 Code of Federal Regulations (CFR) §1910.120(q)(6)(i), and the National Infrastructure Protection Plan (NIPP), NIPP 2013: Partnering for Critical Infrastructure Security and Resilience.

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 Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE) incidents.
- Explain Hazardous Materials (HazMat), hazard classes, and response information using the Emergency Response Guidebook (ERG).
- Explain explosives, indicators of such an attack, methods of delivery, potential sources, and safely responding to an explosion incident.
- Explain chemical agents used as Weapons of Mass Destruction (WMD), indicators of such an attack, methods of delivery, potential sources, and safely responding to a chemical agent incident.
- Explain biological agents used as Weapons of Mass Destruction (WMD), indicators of such an attack, methods of delivery, potential sources, and safely responding to a biological agent incident.
- Explain radiological materials and nuclear weapons used as Weapons of Mass Destruction (WMD), indicators of such attacks, methods of delivery, potential sources, and safely responding to incidents involving radiological materials or nuclear weapons.

Other Prerequisites:

None.

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- Physical Protective Measures
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX WMD/Hazmat Operations Program

POC Work Phone: 979-500-6822

POC Work Email: WMDOps@TEEX.tamu.edu

POC Information: <https://teex.org/class/awr160/>

Course Link: <https://teex.org/class/awr160/>

Course Active?: Yes

Sport and Special Event Risk Management and Planning**AWR-167****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Communications, Transportation**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

The purpose of this course is to develop capabilities for multi-agency collaboration pertaining to sport and special event safety and security. Through activity-based training modules, participants will enhance their ability for planning, risk assessment, training, and exercising practices specific to conducting sport and special events. The expectation is for participants to return to their respective organizations and coordinate the development of a sport and/or special event risk management and planning process.

Course Objectives:

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

- Identify the fundamental components of sport and special event risk management and planning.
- Examine the risk assessment process for sport and special events.
- Discuss planning considerations related to sport and special events.
- Examine planning factors for sport and special events.
- Analyze the impact an incident has on sport and special events.
- Break down training requirements for sport and special events.
- Formulate an effective exercise implementation and evaluation program.
- Apply course content to a given scenario.

Other Prerequisites:

None
Recommended training: IS-100.c: Introduction to the Incident Command System
IS-200.c: Basic Incident Command System for Initial Response
IS-700.b: An Introduction to the National Incident Management Systems (NIMS)
IS-15.b: Special Events Contingency Planning for Public Safety Agencies
IS-800.d: National Response Framework, An Introduction

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Intelligence and Information Sharing
- Operational Communications
- Operational Coordination
- Planning
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

Emergency Management

NTED

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Partner USM/National Center for Spectator Sports Safety and Security (NCS4)

POC Work Phone: 601-266-5999

POC Work Email: ncs4train@usm.edu

POC Information: USM/National Center for Spectator Sports Safety and Security

(NCS4)ncs4train@usm.edu601-266-5999<https://ncs4.usm.edu/training/dhs-fema-courses/awr-167-sport-event-risk-management-and-planning/>

Course Link: <https://ncs4.usm.edu/training/dhs-fema-courses/awr-167-sport-event-risk-management-and-planning/>

Course Active?: Yes

Foundations of Cyber Crimes**AWR-168-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 10.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 1.0**Duration (in Days):****Course Description:**

Foundations of Cyber Crimes highlights a range of cyber crimes and the appropriate response by first responders and other local, state, and federal agencies that may encounter them. Participants will identify legislative, organizational, and suggested personal efforts to control or prevent cyber crimes. This course examines cyber and cyber facilitated non-violent white-collar crimes, fraud and financial crimes, and violent crimes. The broad landscape of the cyber crimes discussed in this course illustrates the fact that almost all crimes can either be directly committed or indirectly facilitated through the cyber domain, a result of society's increasing integration and dependence on the Internet and computers into nearly every aspect of daily life.

Course Objectives:

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

- Explain basic concepts related to cyber laws, regulations, and protections
- Differentiate between various types of cyber crimes
- Explain various types of white-collar crimes
- Describe various types of cyber-facilitated crimes
- Describe procedures for collecting, preserving, and utilizing evidence by cyber law enforcement entities and agencies
- Explain methods for mitigating cyber crimes against businesses and individuals

Other Prerequisites:

None, but the following courses are recommended:

- AWR-173-W Information Security Basics
- AWR-174-W Cyber Ethics
- AWR-397-W - Cybersecurity for Everyone
- AWR-395-W - Cybersecurity in the Workplace

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Safety Communications
- Public Works
- Citizen/Community Volunteer
- Information Technology

NTED

- Security and Safety
- Transportation
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr168/>

Course Link: <https://teex.org/class/awr168/>

Course Active?: Yes

Introduction to Cyber Incident Management**AWR-169-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 9.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 0.9**Duration (in Days):****Course Description:**

Introduction to Cyber Incident Management provides practical guidelines on responding to incidents effectively and efficiently as part of an incident response program. Primary topics include detecting, analyzing, prioritizing, and handling cyber incidents. 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.
- Explain the preparation phase of cybersecurity incident management.
- Explain the detection and analysis phase of cybersecurity incident management.
- Explain cyber incident containment, eradication and recovery.
- Explain the post incident activities of cybersecurity incident management.
- Relate the cyber incident management process to common cyber incidents.

Other Prerequisites:

None

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Protect

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

NTED

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/AWR169/>

Course Link: <https://teex.org/class/awr169/>

Course Active?: Yes

Information Security Basics**AWR-173-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 13.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
General: 1.3**Duration (in Days):****Course Description:**

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

Course Objectives:

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

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

Other Prerequisites:

None

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Access Control and Identity Verification
- Screening, Search, and Detection

Mission Area(s):

- Protect

Discipline(s):

- Information Technology

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

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POC Work Phone: 979-431-4834

NTED

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Business and Cyber

Solutions <https://teex.org/class/awr173/bcs@teex.tamu.edu> 979-431-4834

Course Link: <https://teex.org/class/awr173/>

Course Active?: Yes

Cyber Ethics**AWR-174-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 13.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 1.3**Duration (in Days):****Course Description:**

This course covers standards and best practices for ethical computing. This course offers a wide array of situations that are applicable to the real world. Students will learn about privacy, intellectual property, professional practices, freedom of speech, and ethical hacking.

Course Objectives:

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

- Evaluate key concepts related to cyber ethics and ethical practices
- Explain the ethics of personal privacy
- Evaluate the ethical use of electronic information
- Analyze key concepts related to professional ethics
- Discuss free speech online from a legal and ethical perspective
- Differentiate between various types of cyber criminals and hackers

Other Prerequisites:

None. Recommended: AWR-397-W - Cybersecurity for Everyone AWR-395-W - Cybersecurity in the Workplace

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Risk Management for Protection Programs and Activities

Mission Area(s):

- Mitigation

Discipline(s):

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

NTED

- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr174/bcs@teex.tamu.edu>

Course Link: <https://teex.org/class/awr174/>

Course Active?: Yes

Disaster Recovery for Information Systems**AWR-176-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 10.0**Continuing Education Units:** General: 1.0**Duration (in Days):****Course Description:**

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

Course Objectives:

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

- Organize personnel and information to begin the disaster recovery planning process.
- Identify assets, vulnerabilities that might impact them and controls used to protect them.
- Explain how to conduct a business impact analysis.
- Identify the steps necessary to handle an incident from identification through recovery.
- Develop a process for testing, reviewing, maintaining and updating the disaster recovery plan

Other Prerequisites:

None

Primary Core Capability:

Risk Management for Protection Programs and Activities

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 Area(s):

- Prevent
- Protect
- Recover
- Common

Discipline(s):

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

NTED

- Security and Safety
- Search & Rescue
- Transportation
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: bcs@teex.tamu.edu 979-431-4834 <https://teex.org/class/awr176/>

Course Link: <https://teex.org/class/awr176/>

Course Active?: Yes

Information Risk Management**AWR-177-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 12.5**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 1.3**Duration (in Days):****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:

- Identify key concepts of information security risk management
- Describe IT assets for a business impact analysis
- Describe how to identify risks, hazards, and cyber threats
- Identify different forms of risk threats and cyber risks quantification based on vulnerabilities, impact and likelihood
- Explain how to use risk controls to mitigate or eliminate identified risks

Other Prerequisites:

None

Primary Core Capability:

Risk Management for Protection Programs and Activities

Secondary Core Capability(s):

- Cybersecurity
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Protect

Discipline(s):

- Information Technology

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr177/bcs@teex.tamu.edu>

Course Link: <https://teex.org/class/awr177/>

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Course Active?: Yes

Secure Software**AWR-178-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 9.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
General: 0.9**Duration (in Days):****Course Description:**

Secure Software covers secure programming practices necessary to secure applications against attacks and exploits. Topics covered include fundamental concepts of secure software development, defensive programming techniques, secure design and testing, and secure development methodologies.

Course Objectives:

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

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

Other Prerequisites:

None Recommended: AWR-173-W - Information Security Basics <https://teex.org/class/awr173>

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience
- Planning

Mission Area(s):

- Prevent
- Protect

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr178/bcs@teex.tamu.edu>

Course Link: <https://teex.org/class/awr178/>

Course Active?: Yes

Terrorism and WMD Awareness in the Workplace, Web-Based**AWR-187-W****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 1.5**Community Lifeline(s):** Safety and Security, Hazardous Material**Duration (in Days):****Course Description:**

AWR-187-W: Terrorism and WMD Awareness in the Workplace is a self-paced (approximately 90 minutes) web-based training course to provide students with the ability to recognize, report, and react to potential terrorist threats in and around the workplace. Upon completion of this course, students will be able to effectively:

- Define terrorism and weapons of mass destruction.
- Recognize suspicious activity, vehicles, and objects.
- Identify the steps necessary to report potential acts of terrorism.
- Identify the steps necessary to react to terrorist incidents.

Course Objectives:

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

- To define and describe various factors of terrorism.
- Describe the means by which a terrorist is most likely to attack through a WMD.
- Recognize, report, and react to potential acts of terrorism in the workplace.

Other Prerequisites:

Participants must be a U.S. citizen or Lawful Permanent Resident

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Community Resilience

Mission Area(s):

- Common

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-855-7372

POC Work Email: helpdesk@ruraltraining.org

POC Information: Julie Wilson 606-677-6122 jwilson@centertech.com

Course Link: <https://ruraltraining.org/course/awr-187-w/>

Course Active?: Yes

Working with the Media: A Course for Rural First Responders**AWR-209****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Communications**Duration (in Days):** 1.0**Course Description:**

Overview

Many agencies in small and rural communities do not have a full- or part-time Public Information Officer (PIO), and responders often assume this responsibility without formal training or practice, all the while balancing other primary duties. As such, they may struggle to know what to say or how to say it. Few have training on writing media releases or giving press briefings, and many do not realize how much negative media coverage and false information can influence public opinion, or the reputation of the organization and the local elected and appointed officials.

The purpose of AWR-209 is to provide rural first responders with the skills needed to effectively communicate with the public through the media. This course helps to prepare rural first responders who may be tasked with assuming the role of Public Information Officer, with the knowledge, skills and abilities needed to interact with the media before, during and after a crisis situation. Whether it be roadside at the scene of an incident, or on camera conveying instructions to the public in a crisis, this class will teach responders what to say, how to say it, both effectively and professionally.

AWR-209 also provides insight into how the media works, explaining the types of information they want and how responders can coordinate with them to efficiently relay information to the public via print/electronic interviews, news releases, social media postings and other mediums.

This course fosters a Whole Community approach to media relations and encourages participation among law enforcement, emergency management, EMS, fire service, governmental/administrative personnel, local appointed and elected officials, and public health personnel, as well as other community stakeholders who may be tasked with the role of PIO for their organization. The Whole Community approach reinforces the benefits of cross-discipline collaboration in advance planning

for event security.

Scope

This is a one-day, 8-hour, awareness-level course designed to provide rural first responders with the knowledge, skills and abilities needed to communicate with the public and the media in a crisis. This course explores the role of the public information officer, and explains to rural first responders how to prepare for interviews, write news releases, conduct press briefings, and more.

Target Audience

The primary target audience for this course is any rural first responder or community stakeholder who may be tasked with serving as a PIO in a crisis situation, including:

- Emergency Management
- Emergency Medical Service (EMS)
- Fire Service
- Law Enforcement
- Public Health
- Public Works
- Public Safety Communications
- Governmental Administrative
- Other professionals who may benefit from this training include local chief executives, legislative leaders, event managers and promoters, venue owners/operators, community organizations, corporations/businesses, and legal counsel.

Course Objectives:

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

Module 1 – Introduction and Course Overview

- Identify the two situations in which rural responders primarily communicate with the media.
- Review overall course learning objectives.
- Conduct pre-test.

Module 2 – Understanding the Media

- Explain the importance of working with the media.
- Discuss the elements that make a story newsworthy.
- Describe the forms of media and the format of information used by each.
- Describe the strengths and limitations of each type of media.
- Review the best practices for improving media relations.

Module 3 – Communicating with the Media – Emergency Situations

- Describe the National Incident Management System (NIMS) components that impact public information and the dissemination of information related to an emergency situation.
- Explain the roles and responsibilities of a Public Information Officer (PIO) in emergency situations.
- List the information the public wants to know in an emergency situation.
- List what the media wants on-scene at an emergency situation.
- Explain the components of Crisis and Emergency Risk Communication (CERC) and associated tips.
- Compare the similarities and differences between interviews, press conferences and media briefings.
- Describe the methods to prepare for interviews, press conferences and/or media briefings.
- Discuss the contributing factors, best practices and techniques for conducting successful speaking engagements and selecting a media staging area.
- Discuss the recovery-related tasks that should be performed by a PIO.
- Prepare and present a media briefing for a given scenario.

Module 4 – Communicating with the Media – Non-Emergency Situations

- Explain the roles and responsibilities of a Public Information Officer (PIO) in non-emergency situations.
- Describe the purpose of public awareness campaigns.
- Explain the media's role in public awareness campaigns.
- Describe the common processes in a structured communications plan.
- Review lessons learned from effective public awareness campaigns.

Module 5 – Writing and Disseminating Press Releases

- Identify the key elements and formats of effective press releases.
- Explain the inverted pyramid strategy and how the 5Ws + 1 can be used to support that strategy.
- Discuss the best practices for generating and disseminating press releases.
- Draft and present a press release for a given scenario.

Module 6 – Post-Test and Course Evaluation

- Demonstrate a foundation of knowledge by completing a post-test.
- Identify areas of improvement as well as competency regarding the course content and instruction by completing a course evaluation form.

Other Prerequisites:

Participants must be U.S. citizens. Foreign nationals may apply to DHS to attend on a case-by-case basis. Prior to attending this course, it is recommended that prospective participants complete the courses listed below:

- IS-100.C: Introduction to the Incident Command System,

<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c&&lang=en>

- IS-700.B: An Introduction to the National Incident Management System, <https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b%20&lang=en>

Primary Core Capability:

Public Information and Warning

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Link: <https://ruraltraining.org/course-catalog/>

Course Active?: Yes

Working with the Media: A Course for Rural First Responders**AWR-209-W****Training Provider:** Rural Domestic Preparedness Consortium **Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 5.0**Community Lifeline(s):** Communications**Duration (in Days):****Course Description:**

AWR 209-W Working with the Media: A Course for Rural First 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 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:

- Recognize the role of the media and apply the knowledge and skills to work with them
- Describe the skills and knowledge necessary to deal with the media at the scene of an emergency
- Define components of on-scene and planned off-scene interviews and have the skills necessary to provide them
- Describe the purpose of disaster public education and steps in developing and implementing public awareness campaigns. They will also be able to describe ways to make stories more interesting to the media and know when to best promote a story idea
- Identify elements of effective news releases and apply tips for developing and disseminating news releases to the media

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS. Recommended NOT required IS 700 and ICS 100.

Primary Core Capability:

Public Information and Warning

Secondary Core Capability(s):

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

Mission Area(s):

- Respond

Discipline(s):

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

NTED

- Health Care
- Public Health
- Public Safety Communications
- Public Works

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

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POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Link: <https://ruraltraining.org/course/awr-209-w/>

Course Active?: Yes

Critical Infrastructure Security and Resilience Awareness**AWR-213****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Energy, Communications, Transportation**Continuing Education Units:**
IACET: 0.8**Duration (in Days):** 1.0**Course Description:**

This course introduces participants to the key terms, policy, guidance, and preparedness efforts required to safeguard the Nation's critical infrastructure. Participants will review applicable policy and guidance, discuss the risk management framework, review Sector Risk Snapshots, identify critical infrastructure in their jurisdiction, and identify Sector-Specific jurisdictional threats and hazards of significant concern as well as Sector-Specific First-Order Dependencies and Interdependencies and the impacts of cascading sector failures.

This 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:

- Discuss Federal policy and guidance for CI security and resilience, the sectors with assets within their jurisdiction, the Sector-Specific Agency(ies) for those sectors, and the impact of the NPR on sector assets.
- Summarize the NIPP risk management framework, the Infrastructure Resilience Planning Framework, and varying sector and asset-specific risk management tools and resources.
- Summarize the information included in a Sector Risk Snapshot.
- Select the specific high-level threats and hazards to local Critical Facilities (CF) assets.
- Articulate the dependencies and interdependencies of the CF Sector and the utility of a Dependency Identification Worksheet.
- Select sector assets, threats and hazards of significant concern, dependencies and interdependencies of sector assets, and Dependency Identification Worksheet completion based on an asset within a specific sector.

Other Prerequisites:

None.

Primary Core Capability:

Infrastructure Systems

Secondary Core Capability(s):

- Community Resilience
- Operational Coordination
- Physical Protective Measures
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Law Enforcement and Protective Services

POC Work Phone: 800-423-8433

POC Work Email: LAW@TEEX.tamu.edu

POC Information: <https://teex.org/class/AWR213/>

Course Link: <https://teex.org/class/awr213/>

Course Active?: Yes

Tsunami Awareness**AWR-217****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Communications**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**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:

- Explain the basics of tsunami science and the tools for tsunami hazard assessment
- Describe the tsunami alert and warning process
- Apply tsunami tools, methodology, and processes to improve organizational tsunami preparedness and response efforts
- Apply their knowledge of materials covered to at-risk tsunami communities impacted by a tsunami event

Other Prerequisites:

No prerequisites

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Long-term Vulnerability Reduction
- Planning
- Public Information and Warning
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Mitigation

Discipline(s):

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

NTED

- Law Enforcement
- Public Works
- Citizen/Community Volunteer
- Security and Safety
- Transportation
- Other

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: blumm@hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/catalog/1/#course-description>

Course Active?: Yes

Site Protection through Observational Techniques**AWR-219****Training Provider:** Louisiana State University**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 7.0**Continuing Education Units:** General: 0.7**Duration (in Days):** 1.0**Course Description:**

The US Department of Homeland Security (DHS) and the Federal Emergency Management Agency (FEMA) currently support several major initiatives to improve agencies' capabilities to respond to terrorist incidents. This course, Site Protection through Observational Techniques (SPOT), is one of those initiatives. This course provides awareness-level training to public safety personnel.

Emergency responders, security professionals, security support staff, and the public must work together to identify suspicious objects, substances, and people. This course trains public safety personnel to improve their observational techniques by using a four-step ongoing screening process.

Course Objectives:

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

- explain how vigilantly observing indicators of preoperational terrorist activities can help prevent terrorist attacks
- use active observation skills and situational awareness to improve site protection.
- identify behaviors and activities that may be associated with a violent attack.
- choose an appropriate course of action based on their evaluation of an individual's behaviors.
- apply concepts learned in this course to real-world scenarios.

Other Prerequisites:

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

Secondary Core Capability(s):

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

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Security and Safety

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

NTED

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/awr-219.php>

Course Active?: Yes

Site Protection through Observational Techniques, Customized**AWR-219-C****Training Provider:** Louisiana State University**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Continuing Education Units:** General: 0.4**Duration (in Days):** 0.5**Course Description:**

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

Course Objectives:

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

- explain the importance of identifying preoperational activities.
- use active observation skills and situational awareness to improve site protection.
- identify the process of establishing a baseline of an area and then apply that baseline understanding to the offender's process of conducting hostile surveillance.
- choose an appropriate course of action

Other Prerequisites:

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

Primary Core Capability:

Screening, Search, and Detection

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Security and Safety
- Other

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

NTED

POC Information: ncbt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/awr-219-c.php>

Course Active?: Yes

Community Resilience: Building Resilience from the Inside Out**AWR-228****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Continuing Education Units:** IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This one-day awareness-level training course aims to increase the awareness of the meaningful actions that a community can take to enhance resilience to natural hazards and opportunities to incorporate these actions into professional practice. The course will introduce concepts and practices for building community resilience to natural hazards. Building community resilience requires a Whole Community Approach engaging the full capacity of the private and nonprofit sectors, including nongovernmental organizations and the general public, in conjunction with the participation of federal, state, and local governmental partners.

Course Objectives:

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

- Conduct a natural hazards risk assessment
- Identify the components of community resilience and benefits of building resilience in all community systems
- Identify and act on community resilience concepts and practices that can be instituted in their communities

Other Prerequisites:

No prerequisites are required for this course

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Long-term Vulnerability Reduction
- Planning
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 215-805-6604

POC Work Email: blumm@hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training>

Course Link: <https://ndptc.hawaii.edu/training/catalog/3/#course-description>

Course Active?: Yes

Response to Bombing Incidents, Mobile**AWR-230****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Continuing Education Units:** General: 0.4**Duration (in Days):** 1.0**Course Description:**

The Response to Bombing Incidents, Mobile (RBI) course trains emergency personnel of all disciplines to respond to the growing number of bombing incidents across the United States. This course guides participants through bombing response challenges, bombing threat response considerations, including evaluating threats when making evacuation vs. shelter-in-place decisions, and response priorities following the immediate aftermath of a bombing. Participants who complete this training course receive a DHS/FEMA training partner certificate from New Mexico Tech.

Course Objectives:

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

- Recognize explosive compositions and Improvised Explosive Devices (IEDs).
- Describe blast hazards, blast injuries, and protective actions to mitigate the risk of injury.
- Assess bombing threats, their unique circumstances, and response considerations.
- Recognize response strategies to secure and manage a post-bombing scene.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Response to Bombing Incidents, Customized**AWR-230-C****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Conference or Symposium, Virtual**Duration (in Hours):** 1.5**Continuing Education Units:** General: 0.2**Duration (in Days):** 1.0**Course Description:**

The Response to Bombing Incidents, Customized (RBI) course provides information to emergency personnel of all disciplines who respond to the growing number of bombing incidents across the United States. This course provides information to participants on bombing response challenges, the damaging effects of Improvised Explosive Devices, bombing threat response considerations, and response priorities following the immediate aftermath of a bombing. Participants who complete this training course receive a DHS/FEMA training partner certificate from New Mexico Tech.

Course Objectives:

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

- Recognize explosive compositions and Improvised Explosive Devices (IEDs).
- Describe blast hazards, blast injuries, and protective actions to mitigate the risk of injury.
- Assess bombing threats, their unique circumstances, and response considerations.
- Recognize response strategies to secure and manage a post-bombing scene.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu - 71 -

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

NTED

Course Active?: Yes

Prevention of Bombing Incidents, Mobile**AWR-231****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 4.0**Continuing Education Units:** General: 0.4**Duration (in Days):** 1.0**Course Description:**

The Prevention of Bombing Incidents, Mobile (PBI) course provides information to emergency personnel of all disciplines who respond to the growing number of bombing incidents across the United States. This course provides information to participants on recognizing bomber activity, interdiction opportunities, and the countermeasures used to prevent bombing attacks. Participants who complete this training course receive a DHS/FEMA training partner certificate from New Mexico Tech.

Course Objectives:

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

- Recognize the seven phases of a bombing attack.
- Identify methods used by bombers and opportunities to prevent an attack.
- Identify countermeasures to prevent and mitigate a bombing attack.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Prevent
- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Prevention of Bombing Incidents, Customized**AWR-231-C****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Conference or Symposium**Duration (in Hours):** 1.5**Continuing Education Units:** General: 0.2**Duration (in Days):** 1.0**Course Description:**

The Prevention of Bombing Incidents, Customized course provides information to emergency personnel of all disciplines who respond to the growing number of bombing incidents across the United States. This course provides information to participants on recognizing bomber activity, interdiction opportunities, and the countermeasures used to prevent bombing attacks. Participants who complete this training course receive a DHS/FEMA training partner certificate from New Mexico Tech.

Course Objectives:

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

- Define bombing attacks and terrorism
- Describe the seven phases of a bombing attack
- Identify tools for reporting suspicious activity
- Recognize bomber identification methods
- Identify the tools used to recruit bombers
- Recognize the methods in which bombers receive training
- Identify target selection methods
- Identify the six common components of IED devices
- Identify the risk associated with a bombing attack
- Recognize countermeasures utilized to detect, delay, deter, and mitigate bombing attacks

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Prevent
- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Mass Fatalities Planning and Response for Rural Communities**AWR-232****Training Provider:** Rural Domestic Preparedness Consortium **Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Health and Medical**Duration (in Days):** 1.0**Course Description:**

This awareness-level course will teach rural and tribal participants the basics of mass fatality response while providing them with opportunities to exchange rural and tribal 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 and tribal communities.

Course Objectives:

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

- Assist local authorities in response to a mass fatalities event, and assist in the development of a mass fatality response plan
- Identify the significant difference in the death-care process following a mass fatality event from that of the normal, daily process and list possible mass fatality scenarios that may affect their communities.
- Review stakeholders' responsibilities in a mass fatality response, examine federal resources available following a mass fatality event, and identify methods of obtaining federal resources
- 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 temporary morgue operations during a mass fatality response, the skill sets needed to work at various stations found in the temporary morgue, the interaction between morgue and family assistance operations, and the role recovery operations play in the overall identification process.
- Describe the Family Assistance Center's (FAC) role in the identification process; the components, staffing needs, and support services needed to facilitate FAC operations; and describe Family Assistance Center constructs.

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS.

Primary Core Capability:

Fatality Management Services

Secondary Core Capability(s):

- Operational Coordination

NTED

- Planning
- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Active?: Yes

Volcanic Crises Awareness Course**AWR-233****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**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:

- Describe the basics of eruption processes and identify differences with respect to other major natural hazards
- Identify methods and techniques used to monitor active volcanoes
- 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

Other Prerequisites:

None

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Community Resilience
- Environmental Response/Health and Safety
- Long-term Vulnerability Reduction
- Public Information and Warning
- Situational Assessment

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Management

NTED

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

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-training@lists.hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/56/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/56/#course-description>

Course Active?: Yes

Initial Law Enforcement Response to Suicide Bombing Attacks, Mobile**AWR-235****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Continuing Education Units:** General: 0.8**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

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

Other Prerequisites:

United States Citizenship

Primary Core Capability:

On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

NTED

Course Active?: Yes

Initial Law Enforcement Response to Suicide Bombing Attacks, Customized

AWR-235-C

Training Provider: New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Conference or Symposium, Virtual**Duration (in Hours):** 1.5**Duration (in Days):** 1.0**Course Description:**

The Initial Law Enforcement Response to Suicide Bombing Attacks, Customized course is designed to provide law enforcement officers with information on the tactics, techniques and procedures used by suicide bombers, safety considerations and response considerations relative to improvised explosive devices, and interdiction strategies for Law Enforcement officers.

Course Objectives:

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

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

Other Prerequisites:

United States Citizenship

Primary Core Capability:

On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmtraining.com/Home/CourseCatalog>

NTED

Course Active?: Yes

Railroad Safety Awareness**AWR-290****Training Provider:** Transportation Technology Center, Inc.**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 4.0**Community Lifeline(s):** Transportation, Hazardous Material**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

- 1-1 Identify the duties associated with various railroad personnel that may interact with public safety
- 1-2 Identify basic safety rules for responding to emergency incidents involving railroads and trains.
- 2-1 Understand the functions of each part of a locomotive and the safety features associated with them
- 2-2 Identify the various types of railcars, what they typically haul, and the safety features present on each.
- 3-1 Interpret the important markings present on rail cars.
- 3-2 Utilize the information presented by rail car markings to formulate a response plan.
- 4-1 Differentiate between critical and non-critical damage.
- 4-2 Evaluate the risk that the most common types of damage poses to response operations.

Other Prerequisites:

IS-100, IS-200, and IS-700 are recommended prior to taking this course

Primary Core Capability:

Critical Transportation

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Operational Coordination
- Planning
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Fire Service
- Hazardous Material
- Transportation

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Brandon-Dean Morris

POC Work Phone: 719-248-2375

POC Work Email: brandon-dean_morris@aar.com

POC Information: www.sertc.org

Course Active?: Yes

End User Security and Privacy**AWR-300-W**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 4.0

Community Lifeline(s): Safety and Security

Duration (in Days):

Course Description:

This introductory course provides the student with general knowledge of complex cyberattacks on the new working standards and prepares the end-user to identify and handle emerging threats. The course focuses primarily on the various security-related challenges faced by end-users (hardware, software, applications, and services) and their impact on data privacy. The course also includes content concerning online content providers and local ISPs on access rights, unintentional data sharing, mobile apps, and how to be compliant to a NIAP Protection Profile (PP).

Course Objectives:

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

Upon completion of this course, students will understand cybercrime and motivations and tactics of cybercriminals; different types of user accounts and credential sharing; different types of host-based firewalls, routers, switches, and network segmentation; device and file locking mechanisms; seamless controlled access to information across different cyber-enabled devices; end-to-end encryption (e.g., VPN, SSH); security threats from mobile apps and data sharing; online content providers and local Internet Service Providers (ISPs) regarding access rights; unintentional data sharing; and how to be compliant to a NIAP Protection Profile (PP).

Other Prerequisites:

Basic Windows user skills. A basic level of cybersecurity knowledge is recommended.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Infrastructure Systems
- Intelligence and Information Sharing
- Planning
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Information Technology

NTED

- Security and Safety

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Participation

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

POC Information: Teex Business and Cyber Solutions POC Work email - bcs@teex.tamu.edu,

POC Work Phone - 979-431-4837

Course Link: <https://teex.org/class/awr300/>

Course Active?: Yes

Cybersecurity for Educational Leaders**AWR-301**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security, Communications

Duration (in Days): 1.0

Course Description:

Educational institutions of all sizes (including universities, colleges and K-12 school districts) are data rich making them targets for cyber-attacks. Cybersecurity readiness is not solely a technology issue; it includes managing student safety, well-being and digital risks. The leadership are responsible for managing the cybersecurity risk for our schools. This non-technical course will introduce key cybersecurity concerns for leaders and will foster discussions to build strategies of cybersecurity preparedness to ensure adequate resources are considered to meet data privacy and cybersecurity needs reducing their overall cyber risk.

Course Objectives:

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

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

- Summarize the cyber threats associated with the educational sector.
- Identify common assets that may be at risk and need protection and will be familiar with tools that assess vulnerabilities.
- summarize cybersecurity strategies to improve their institutions cyber preparedness.

Other Prerequisites:

This course is designed for University and college leadership and mid-level managers/administrators and K-12 School Administrators (Superintendents, principles, managers); school security staff (All Physical and IT-Cyber-security) and those that determine a school's mission and purpose which can include School Board members and policy makers.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- N/A - Training and Education

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 5015708058

POC Work Email: jwnobles@cji.edu

POC Information: Jimmy Noblesjwnobles@cji.edu501-570-8058

Course Link: <https://www.nationalcpc.org/course/awr-301/>

Course Active?: Yes

Pipeline Security in Rural Communities**AWR-302****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Transportation**Duration (in Days):** 1.0**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 that the rural pipeline sector is secure, resilient.

Course Objectives:

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

This 8-hour, awareness-level course is designed to provide training to rural emergency responders, planners and private industry personnel in pipeline security. The course will include a variety of topics such as: Importance of the Pipeline System; Review of Pipeline Incidents in the United States and in Foreign Countries; Types of Pipelines; Pipeline System Components; Regulations and Federal Guidelines Applicable to the Pipeline System; Current Security Threat Assessment Protocols; and Collaborative Response Protocols.

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

Other Prerequisites:

Prerequisites: Participants must be U.S. citizens. Foreign nationals may apply to DHS to attend on a case-by-case basis. It is highly recommended that participants complete the following: IS 100.c: An Introduction to Incident Command System; IS 700.b: An Introduction to the National Incident Management System; and IS 800.d: National Response Framework, An Introduction

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Operational Coordination
- Physical Protective Measures
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Phone: 1-877-855-RDPC (7372); Email: helpdesk@ruraltraining.org

Course Active?: Yes

Shopping Center Security Terrorism Awareness Training Program, Web-Based

AWR-304-W

Training Provider: Louisiana State University**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 5.0**Continuing Education Units:** General: 0.5**Duration (in Days):****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 pose to shopping centers
- Differentiate between types of weapons of mass destruction (WMD), including chemical, biological, radiological, and nuclear
- Examine the threat of an active shooter incident in a shopping center
- List target hardening considerations to discourage future attacks
- Examine the roles and responsibilities of security officers in protecting a facility
- Describe observation techniques and characteristics necessary to develop effective suspect, incident and vehicle descriptions
- Describe effective ways of communicating with law enforcement
- Examine the role of security directors or managers in ICS
- Describe observation techniques and characteristics necessary to develop effective suspect, incident, and vehicle descriptions

- Recognize the importance of establishing relationships with local law enforcement prior to an incident or attack

Other Prerequisites:

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

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

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

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Common

Discipline(s):

- Law Enforcement
- Security and Safety

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: jgueno@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/elearning/>

Course Active?: Yes

Identifying Community Preparedness Resources for Tribal Nations**AWR-307-V****Training Provider:** Columbia University, National Center for Disaster Preparedness**Course Level:** Awareness**Delivery Type(s):** Virtual**Duration (in Hours):** 4.0**Community Lifeline(s):** Food, Hydration, Shelter, Health and Medical**Duration (in Days):** 1.0**Course Description:**

This course will provide participants with basic information on community preparedness within the unique context of Tribal Nations, highlighting the diverse approaches to resilience across different communities. The course will provide an overview of federal resources available to Tribal Nations, including tools, programs, and additional support mechanisms designed to enhance emergency preparedness and response. The course also addresses the critical aspects of accessing these federal resources, detailing eligibility requirements and common obstacles faced by Tribal Nations. Building on this foundation, participants will learn best practices for effectively integrating federal resources into their emergency preparedness plans, collaborating with federal partners, and applying insights from relevant case studies. By examining these key areas, the course aims to empower Tribal leaders and emergency managers with the knowledge and skills needed to bolster their communities' resilience and readiness for various emergencies, ensuring a well-coordinated and culturally informed approach to emergency management.

Course Objectives:

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

- Describe the role of community preparedness in Tribal Nations.
- Identify various federal resources available for Tribal Nations.
- Identify success stories from implementing community preparedness initiatives in Tribal Nations.

Other Prerequisites:

It is recommended, but not required, that course participants have previous experience with disaster management principles.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Long-term Vulnerability Reduction

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Other

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Thomas Chandler

POC Work Phone: 201-450-3211

POC Work Email: tec11@columbia.edu

POC Information: ncdptraining@columbia.edu

Course Active?: Yes

Building Disaster Resilience for Caregivers**AWR-308****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security, Health and Medical**Continuing Education Units:**
IACET: 0.3**Duration (in Days):** 0.5**Course Description:**

This course will familiarize participants with the science of natural hazards, best practices associated with personal disaster preparedness, and disaster preparedness considerations for those with access and functional needs. Participants will be introduced to all three categories of hazards, but course instruction will focus on those natural hazards relevant to participants' local area. Participants will also be introduced to best practices for personal preparedness prior to a disaster and encouraged to discuss plans and actions that they have already taken. Participants will then explore special considerations for disaster preparedness for dependents and those with access and functional needs. Finally, a class activity will be presented to allow participants to test their ability to prepare and react to a natural hazard.

Course Objectives:

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

- Identify natural hazards relevant to caregiving;
- Describe preparedness steps for individuals with access and functional needs; and
- Recognize the role caregivers play in disaster preparedness and response.

Other Prerequisites:

None

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Long-term Vulnerability Reduction
- Mass Care Services
- Public Health, Healthcare, and Emergency Medical Services
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

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

Course POC:

Melissa Blum

POC Work Email: blumm@hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/15/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/15/#course-description>

Course Active?: Yes

Building Disaster Resilience for Community Leadership**AWR-310****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.3**Duration (in Days):** 0.5**Course Description:**

This course will familiarize participants with the science of natural hazards, best practices for community planning for natural disasters, and strategies to increase “Whole Community” engagement. Participants will be introduced to all three categories of hazards, however, course instruction will focus on those natural hazards relevant to the participants’ local area. Participants will also be familiarized with best practices for creating community plans for natural disasters with a particular focus paid to “Whole Community” engagement and social capital. Instructors will lead participants through a group activity related to increasing community engagement, which will allow participants to enhance their abilities to increase social capital in their individual communities.

Course Objectives:

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

- Discuss their community's risk and the concept of resilience
- Describe social capital and examples of measuring it locally
- Outline strategies to increase social capital for natural disaster preparedness

Other Prerequisites:

None

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Long-term Vulnerability Reduction
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Mitigation

Discipline(s):

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

Training Certificates:

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

Course POC:

Registration Desk

NTED

POC Work Phone: 808-725-5220

POC Work Email: blumm@hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/>

Course Link: <https://ndptc.hawaii.edu/training/catalog/12/#course-description>

Course Active?: Yes

Small Vessel Security for Rural Communities**AWR-311****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Transportation**Duration (in Days):** 1.0**Course Description:**

This course is designed to aid participants in developing critical thinking skills at the time of a small vessel security incident, develop community partnerships with other government and non-governmental agencies that will be necessary to respond to a small vessel incident, and promote regional intelligence-gathering to keep abreast of current threats in this area, particularly through area maritime security committees (AMSC). The comprehensive cross-discipline collaboration and the scenario-based training environment make this mobile course a unique opportunity for rural communities across the country.

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 of the system.
- Describe the characteristics of the waterways near the host community.
- Describe the concept of maritime domain awareness.
- Describe the characteristics of the small vessel threat, including the four threat scenarios detailed in the Small Vessel Security Strategy.
- Describe past incidents in which terrorists have used small vessels for attacks, including the USS COLE, MV LIMBURG, USS FIREBOLT, and MAERSK ALABAMA.
- Explain national initiatives undertaken to mitigate the small vessel threat, including the national and regional summits and the resulting findings.
- Discuss the Small Vessel Security Strategy and the Strategy Implementation Plan.
- Discuss coordination programs such as Citizen's Action Network and America's Waterway Watch.
- Describe technology used to detect and interdict hostile small vessels.
- List the ways that application of Focused Lens strengthens maritime domain awareness.
- Describe notification procedures at the beginning of a small vessel incident.
- Describe initial steps for implementation of the Incident Command System (ICS).
- Discuss protocols for mitigation of fire, hazardous materials, or other safety concerns.
- Identify means of communications with the public, waterway users, commercial vessels, and facilities.
- Identify gaps in planning and resources.
- Demonstrate a foundation of knowledge regarding skills and resources necessary to safely and efficiently detect and interdict hostile small vessels and plan and prepare for, respond to, and recover from a small-vessel incident

Other Prerequisites:

Participant must be a U.S. citizen or a foreign national approved by DHS. Recommended NOT required:

- IS 100
- IS 700
- AWR-144 Port and Vessel Security for Public Safety and Maritime Personnel

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Physical Protective Measures
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Protect

Discipline(s):

- 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

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6000

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Active?: Yes

Homemade Explosives: Awareness, Recognition, and Response, Mobile**AWR-313****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Continuing Education Units:** General: 0.8**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

- Identify the processes and physical characteristics associated with explosive materials.
- Identify precursor materials used in the making of Homemade Explosives.
- Identify manufacturing indicators associated with the production of Homemade Explosives.
- Identify Homemade Explosives pre- and post-blast response strategies.
- Discuss community recognition opportunities regarding the production of Homemade Explosives.

Other Prerequisites:

United States Citizen

Primary Core Capability:

Interdiction and Disruption

Secondary Core Capability(s):

- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

NTED

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Homemade Explosives: Awareness, Recognition, and Response, Customized

AWR-313-C

Training Provider: New Mexico Institute of Mining and Technology

Course Level: Awareness

Delivery Type(s): Mobile/Non-Resident, Conference or Symposium, Virtual

Duration (in Hours): 1.5

Duration (in Days): 1.0

Course Description:

The Homemade Explosives: Awareness, Recognition, and Response, Customized course is designed to provide emergency first responders with information necessary to recognize and respond to incidents involving Homemade Explosives (HME). Emergency first responders are presented with information on the identification of HME explosive precursor chemicals, HME manufacturing indicators, HME exposure indicators, and pre-detonation and post-detonation response actions.

Course Objectives:

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

- Identify the processes and physical characteristics associated with explosive materials.
- Identify precursor materials used in the making of Homemade Explosives.
- Identify manufacturing indicators associated with the production of Homemade Explosives.
- Identify Homemade Explosives pre- and post-blast response strategies.
- Discuss community recognition opportunities regarding the production of Homemade Explosives.

Other Prerequisites:

United States Citizenship.

Primary Core Capability:

Interdiction and Disruption

Secondary Core Capability(s):

- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology-Certification of Completion

NTED

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Medical Countermeasures Awareness for Public Health Emergencies**AWR-314-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 3.0**Community Lifeline(s):** Health and Medical**Continuing Education Units:**
IACET: 0.3**Duration (in Days):****Course Description:**

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

Course Objectives:

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

- Recognize the appropriate medical countermeasures response to public health emergencies that could affect your community
- Identify resources and capabilities of the Strategic National Stockpile to help provide post-exposure prophylaxis for a large population within the community in response to a large-scale public health emergency
- Recognize how a Point of Dispensing (POD) functions in a community's medical countermeasures plan in accordance with national standards

Other Prerequisites:

None.

Primary Core Capability:

Mass Care Services

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Operational Coordination
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Common
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX EMS/Public Health (EMSPH) Customer Care

POC Work Phone: 979-314-1120

POC Work Email: EMSPH@teex.tamu.edu

POC Information: [https://teex.org/class/awr314/TEEX EMS/Public Health Customer Care](https://teex.org/class/awr314/TEEX%20EMS/Public%20Health%20Customer%20Care)
EMSPH@teex.tamu.edu 979-314-1120

Course Link: <https://teex.org/class/awr314/>

Course Active?: Yes

Fundamentals of Criminal Intelligence**AWR-315****Training Provider:** Louisiana State University**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 20.0**Continuing Education Units:** General: 2.0**Duration (in Days):** 2.5**Course Description:**

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

Course Objectives:

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

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

Other Prerequisites:

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

Primary Core Capability:

Intelligence and Information Sharing

Mission Area(s):

- Prevent

Discipline(s):

- Law Enforcement

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/awr-315.php>

Course Active?: Yes

Emergency Management Best Practices for Tribal Nations**AWR-316****Training Provider:** Georgia Tech Research Institute**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Conference or Symposium, Virtual**Duration (in Hours):** 1.5**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Duration (in Days):** 1.0**Course Description:**

Tribal Nation emergency managers are facing many challenges and obstacles to implementing emergency management programs. This awareness level course is designed to outline strategies and resources for establishing an effective emergency management program. This course will explore emergency management program standards, best practices, funding resources, methods for qualifying for grants, framework for understanding FEMA doctrine and guidance, and other available training opportunities for Tribal Nations. Upon completing this course, participants will receive references containing lists of these resources, strategies that Tribal Nations have used to successfully implement emergency management programs, and a better understanding how an emergency management framework can enhance Tribal Nation readiness and resilience.

Course Objectives:

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

Comprehend the standards that provide criteria for defining an emergency management program; Identify FEMA and other guidance that may be used to establish an emergency management program; Demonstrate multi-year strategic planning practices and methods; Identify financial and training resource opportunities to equip emergency managers; Discuss Tribal Nation emergency management best practice case studies.

Other Prerequisites:

None

Primary Core Capability:

Planning

Secondary Core Capability(s):

- N/A - None

Mission Area(s):

- Mitigation

Discipline(s):

- Emergency Management

Training Certificates:

Georgia Tech Research Institute Certificate of Participation

Course POC:

Doreen Kincaid

NTED

POC Work Phone: 404-894-0730

POC Work Email: dkincaid6@gatech.edu

POC Information: info@asg-inc.org

Course Active?: Yes

Leveraging Tools for Conducting Damage Assessments**AWR-319****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This one-day awareness-level course provides participants with basic working knowledge of the damage assessment process and the opportunity to review and compare different types of damage assessment tools. Through a combination of lecture-based instruction, group discussion and activities, participants will be given an overview of the basic damage assessment process and the importance of providing accurate and timely assessments to those that require the information. Participants will discuss the components of a damage assessment plan and outline a plan for their own use. Participants will review various types of tools that can be used in damage assessment and discuss how the various tools could best be integrated into their own damage assessment planning, implementation, and reporting efforts.

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
- Compare damage assessment tools

Other Prerequisites:

No prerequisites

Primary Core Capability:

Situational Assessment

Secondary Core Capability(s):

- Economic Recovery
- Intelligence and Information Sharing
- Planning
- Public Information and Warning

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5350

POC Work Email: ndptc-training@lists.hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/18/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/18/#course-description>

Course Active?: Yes

Natural Disaster Awareness for Security Professionals**AWR-322-W****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 1.5**Community Lifeline(s):** Safety and Security**Duration (in Days):****Course Description:**

This web-based training (WBT) is an awareness level course that will provide security professionals with the knowledge to prepare and plan to react immediately in the event of a natural disaster. Timely reaction will enable security professionals to meet the disaster response and recovery needs of their facility, and provide support to local first responder agencies as needed.

The course will familiarize participants with a range of natural hazards, the cascading events, and common outcomes of these hazards, expectations when a disaster arises, preparation for a disaster, to include determining the risk factor of a hazard, and a capstone activity where students will apply concepts learned throughout the WBT.

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
- Examine common disaster conditions and considerations and learn about safety actions that can be reasonably implemented
- Apply knowledge gained from previous modules in a capstone tabletop activity

Other Prerequisites:

None

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Community Resilience
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

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

NTED

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-operations@lists.hawaii.edu

POC Information: ndptc-training@lists.hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/delivery/3965/>

Course Active?: Yes

Tornado Awareness**AWR-326**

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

Course Level: Awareness

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security

Continuing Education Units:
IACET: 0.6

Duration (in Days): 1.0

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. Modules will include instruction on:

- The basic principles of tornado science, including geographic distributions, conditions of formation, and typical characteristics;
- The complexities of the tornado forecast process, including current strengths and weaknesses, enabling them to make better informed decisions when severe weather threatens;
- Official tornado and severe weather watches and warnings from the National Weather Service; and
- Preparedness for tornado season including safety measures for themselves, their families, and their organizations when tornadoes threaten.

The discussion of these topics will be framed to maximize the safety of first responders and other emergency staff and their ability to respond to and help others.

Key concepts and discussion topics will be reinforced with facilitator-led group activities that utilize real-world severe storm scenarios. These activities will illustrate the diverse challenges and complexities that can occur during actual tornado events while building participants' experience and confidence in anticipating, heeding warnings, and responding to tornadoes.

Course Objectives:

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

- Discuss the current state of tornado science;
- Describe the weather forecast process;
- Discuss the tornado warning process and associated definitions; and
- Describe the procedures to maximize the safety of themselves, their families, and their organizations during a tornado.

Other Prerequisites:

No prerequisites

Primary Core Capability:

Public Information and Warning

Secondary Core Capability(s):

- Community Resilience
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Public Safety Communications

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-training@lists.hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/21/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/21/#course-description>

Course Active?: Yes

All Hazards Preparedness for Animals in Disasters**AWR-328****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Food, Hydration, Shelter, Health and Medical, Hazardous Material**Duration (in Days):** 1.0**Course Description:**

This 8-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, including 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 instructor led class setting with problem-solving activities completed in small groups.

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
- Demonstrate understanding of safe animal handling and four common actions that may be used when responding to emergencies involving animals
- Analyze given disaster scenarios
- Based on analysis of a disaster scenario, propose a response plan that addresses the animals affected by the disaster
- Describe the recovery process and the resources available to rural communities recovering from emergencies involving animals

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS. Recommended NOT required: IS-100.C, IS-200.C, and IS-700.B

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Operational Coordination
- Physical Protective Measures
- Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Governmental Administrative
- Law Enforcement
- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hr Rogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Active?: Yes

Leveraging Tools for Coordinated Disaster Communications**AWR-329****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
IACET: 0.3**Duration (in Days):** 1.0**Course Description:**

This four-hour awareness-level training course will provide community and volunteer groups, state and local government agencies, and other stakeholder groups, as well as concerned citizens, with relevant information and practical exercises that will improve their knowledge and skills to better serve the communication needs of their communities. The course is designed to help participants to better understand the importance of communicating with different groups at different times, and to evaluate the various tools available to affect communications.

Course Objectives:

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

- Understand, articulate and respond to the communication needs of various community entities
- Identify and understand the benefits and limitations of various communication tools

Other Prerequisites:

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

Primary Core Capability:

Operational Communications

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond

Discipline(s):

- Emergency Management
- Citizen/Community Volunteer

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5250

POC Work Email: ndptc-training@lists.hawaii.edu

POC Information:

NTED

- Name: Lydia Morikawa
- E-mail Address: lmorikaw@hawaii.edu
- Telephone Number: 808-725-5250

Course Link: <https://ndptc.hawaii.edu/training/catalog/19/#course-description>

Course Active?: Yes

Whole Community Emergency Management Planning**AWR-330****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 6.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

Through guided discussions, individual and group activities, the AWR-330 Whole Community Emergency Management Planning Course helps participants identify and better understand the stakeholders and resources within their communities. Students will learn to develop strategies to better incorporate stakeholders into their emergency planning process, with a goal of increasing individual, community, and national resilience to all hazards.

Course Objectives:

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

- Articulate how involving the Whole Community into Emergency Management Planning leads to more resilient and better prepared communities.
- Develop methods for engaging all parts of the community and strengthening what works well on a daily basis.
- Explain the importance of preparedness activities in the context of comprehensive emergency management planning and whole community planning.

Other Prerequisites:

None Recommended Training: IS-100.C: Introduction to the Incident Command System, ICS 100

<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c> IS-200.C: Basic Incident

Command System for Initial Response [https://training.fema.gov/is/courseoverview.aspx?code=IS-](https://training.fema.gov/is/courseoverview.aspx?code=IS-200.c)

200.c MGT-312 - Senior Officials Workshop for All-Hazards Preparedness

<https://teex.org/class/mgt312>

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience

Mission Area(s):

- Common

Discipline(s):

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

NTED

- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Executive Programs

POC Work Phone: 979-500-6825

POC Work Email: executiveprograms@TEEX.tamu.edu

POC Information: TEEX Executive ProgramsPhone: (979) 500-

6825Email: executiveprograms@teex.tamu.edu<https://teex.org/class/awr330/>

Course Link: <https://teex.org/class/awr330/>

Course Active?: Yes

Winter Weather Hazards: Science and Preparedness**AWR-331****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Continuing Education Units:** IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This eight-hour awareness-level course provides emergency managers, first responders, and community members across all sectors with a basic understanding of the latest knowledge in winter weather science, forecasting, warning, and best practices in preparedness. This course enhances the ability of state/local decision-makers to identify and describe the hazards associated with winter weather and to better prepare for and mitigate the impacts of snow, sleet, freezing rain, and dangerously low temperatures.

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;
- Participate in a forecasting exercise;
- understand the organizations involved in forecasting winter weather, associated winter weather definitions, and strategies to prepare for winter weather impacts; and
- Analyze a forecast and discuss key decision points during a winter storm scenario.

Other Prerequisites:

No Prerequisites

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Community Resilience
- Operational Communications
- Planning
- Risk and Disaster Resilience Assessment
- Situational Assessment

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-training@lists.hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/catalog/26/#course-description>

Course Active?: Yes

Hurricane Awareness**AWR-343****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

AWR-343 Hurricane Awareness is an eight-hour, awareness-level course that provides emergency managers, first responders, and community members from all sectors with a basic understanding of the latest knowledge in hurricane science, forecasting, warning, and preparedness. This course enhances the ability of state/local decision-makers to identify and describe the hazards associated with hurricanes and to better prepare for and mitigate the impacts of high winds, heavy rain, and storm surge.

The discussion of these topics is framed to maximize the safety of first responders and other emergency staff and their ability to respond to and help others.

Key concepts and discussion topics will be reinforced with facilitator-led group activities that utilize real world hurricane scenarios. These activities will illustrate the diverse challenges and complexities that can occur during actual hurricane events while building participants' experience and confidence in anticipating, heeding warnings, and responding to hurricanes.

Course Objectives:

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

- Summarize the structure, scale, and environmental conditions that contribute to tropical cyclones development and associated hazards;
- Demonstrate comprehension of the National Weather Service's hurricane advisory products;
- Explain the hurricane forecasting process and the National Weather Service's hurricane advisory system; and
- Identify specific actions and activities that should be taken during hurricane season.

Other Prerequisites:

No prerequisites

Secondary Core Capability(s):

- Community Resilience
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

NTED

- Law Enforcement
- Public Safety Communications
- Citizen/Community Volunteer
- Search & Rescue

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-956-0600

POC Work Email: blumm@hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/61/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/61/#course-description>

Course Active?: Yes

Uncrewed Aircraft Systems in Disaster Management**AWR-345****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

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

Participants will learn what is covered under UAS regulations, who may operate UAS, what FAA authorization allows, and what the major issues are for UAS integration. The course materials will familiarize participants with the main types and capabilities of rotary and fixed-wing UAS, as well as the types of payloads and missions that generally are best for each with examples of how certain payloads have been or could be used in relevant situations to aid in disaster management.

Course Objectives:

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

After completion of this course, participants will be able to:

- Explain basic UAS types and component parts;
- Explain basic UAS support capabilities in disaster management;
- Determine the means to comply with UAS regulations; and
- Create a planning framework for successful UAS program.

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Community Resilience
- Infrastructure Systems
- Intelligence and Information Sharing
- Mass Search and Rescue Operations
- Operational Communications
- Planning
- Situational Assessment

Mission Area(s):

- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Safety Communications
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Search & Rescue

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: blumm@hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/catalog/28/#course-description>

Course Active?: Yes

Hospital Radiological Emergency Operations: Hospital Operations Plan**AWR-350-W****Training Provider:** Nevada Test Site**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 0.5**Community Lifeline(s):** Health and Medical**Duration (in Days):****Course Description:**

This course provides an overview of preparedness steps that can be developed to improve Healthcare Workers' response to mass casualty incidents involving radiological contamination. The participants will be able to identify and follow the operational plan contents that enable them to respond to a radiologically contaminated patient in the

hospital setting, including key elements, tasks, and responsibilities during response through to recovery. Participants will be introduced to the Federal Emergency Management Agency (FEMA) Community Lifelines.

Course Objectives:

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

- Identify the risk assessment that must be performed to ensure appropriate hazards are addressed in the hospital Emergency Operations Plan.
- Given a list of tasks, categorize the tasks into the appropriate critical element of response plan.
- Indicate the roles and responsibilities of Responders, to include First Receivers, based on the hospital Emergency Operations Plan.
- Identify key communications that should occur throughout the response to and recovery for a radiologically contaminated patient.
- Identify healthcare components of the Federal Emergency Management Agency;(FEMA) Community Lifelines.

Other Prerequisites:

Recommended Prerequisite: Introduction to Radiological/Nuclear Weapons of Mass Destruction (WMD) Operations, AWR-140 (Instructor led) or AWR-140W, (online) for any Participant that has no previous knowledge of radiation, or equivalent knowledge.

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Emergency Medical Services

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

NTED

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: ctosmttreg@nv.doe.gov

Course Link: <https://ctos.acadisonline.com/AcadisViewer/Login.aspx>

Course Active?: Yes

Zero Trust: Identity and Access Management**AWR-351-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 5.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Duration (in Days):****Course Description:**

The intent of this course is to increase the learners understanding of Zero Trust methodology, principles, and implementation. The goal of this course is to prepare organizations to face existing threats and adapt to new threats in the future.

Course Objectives:

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

- Define the main goals of the Zero Trust security model.
- Explain the basic tenets of a Zero Trust reference architecture.
- Explain the core principles of the Zero Trust security model.
- Define the foundations and key principles of the Zero Trust reference architecture.
- Explain the logical components of Zero Trust reference architecture.
- Explain the key benefits of Zero Trust.
- Define the three stages of implementation.
- Explain the importance of asset inventory.
- Describe key security processes and technologies required for a successful implementation.
- Describe the differences between Zero Trust solutions of prominent vendors.
- Explain a Cloud-based Zero Trust architecture.
- Describe implementation examples of three organizations.

Other Prerequisites:

Basic Windows user skills. A basic level of cybersecurity knowledge is recommended.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Access Control and Identity Verification
- Infrastructure Systems
- Intelligence and Information Sharing
- Planning
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

POC Information: Direct registration: <https://teex.org/class/awr351/> Course hosted on TEEX LMS for NCPC. Contact for online course support: bcs@teex.tamu.edu 979-431-4837

Course Link: <https://www.nationalcpc.org/course/awr-351-w/>

Course Active?: Yes

Using the Community Cybersecurity Maturity Model (CCSMM) to Develop a Cyber Security Program

AWR-353-W

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 2.0

Duration (in Days):

Course Description:

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

Course Objectives:

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

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

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Cybersecurity
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- Operational Communications
- Operational Coordination
- Planning
- Public Information and Warning
- Risk Management for Protection Programs and Activities
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Common

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Public Health

NTED

- Public Safety Communications
- Public Works
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Transportation
- Other
- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

UTSA-CIAS

POC Work Phone: 800-541-7149

POC Work Email: KE@teex.tamu.edu

Course Link: <https://teex.org/class/awr353/>

Course Active?: Yes

Community Planning for Disaster Recovery**AWR-356****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 0.6**Duration (in Days):** 1.0**Course Description:**

This awareness-level, instructor-led course will provide facilitated discussions on the key concepts for disaster recovery planning, including the benefits of pre-disaster planning, the whole community approach to planning, key elements of recovery plans, and the plan development process. The focus of the course will be the application of these topics to long-term community recovery through the use of case studies and reviews of sample disaster recovery plans from cities and counties in the U.S. This course will prepare participants to initiate disaster recovery plans and participate in the long-term recovery planning process in their own communities.

Course Objectives:

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

- Describe the key concepts of disaster recovery and recovery planning;
- Identify the roles and capabilities of Whole Community partners involved in disaster recovery;
- Evaluate sample disaster recovery plans; and
- Identify post-disaster opportunities and steps to develop a disaster recovery plan.

Other Prerequisites:

No prerequisites

Secondary Core Capability(s):

- Community Resilience
- Economic Recovery
- Housing
- Natural and Cultural Resources
- Operational Coordination
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Public Health
- Public Works
- Citizen/Community Volunteer
- Transportation
- Other

Training Certificates:

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

Course POC:

Registration Desk

NTED

POC Work Phone: 808-725-5220

POC Work Email: ndptc-training@lists.hawaii.edu

POC Information:

- Lydia Morikawa
- E-mail Address: lmorikaw@hawaii.edu
- Telephone Number: 808-725-5224
- Registration Contact: <https://ndptc.hawaii.edu/training>

Course Link: <https://ndptc.hawaii.edu/training/catalog/22/#course-description>

Course Active?: Yes

Flooding Hazards: Science and Preparedness**AWR-362****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
General: 0.6**Duration (in Days):** 1.0**Course Description:**

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

- Factors that contribute to flooding and how these determine flood risk;
- FEMA flood risk maps and the National Flood Insurance Program;
- How to read and interpret forecasts, watches, and warnings from the National Weather Service and hydrographs from the U.S. Geological Survey; and
- Proper preparation for sudden flooding, such as flash flooding and dam breaks, and long-fuse flood events such as river flooding.

The discussion of these topics will be framed to maximize the safety of first responders and other emergency staff and their ability to respond to and help others.

Key concepts and discussion topics will be reinforced with facilitator-led group activities that utilize real-world flood scenarios. These activities will illustrate the diverse challenges and complexities that can occur during actual flood events while building participants' experience and confidence in anticipating, heeding warnings, and responding to floods.

Course Objectives:

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

- Differentiate between types of flooding hazards based on the meteorological and hydrological conditions
- Access and interpret FEMA flood risk maps
- Identify organizations involved in forecasting and monitoring flooding, and understand the products they issue
- Describe preparedness and mitigation actions to be taken in anticipation of flooding events

Other Prerequisites:

None

Secondary Core Capability(s):

- Long-term Vulnerability Reduction
- Public Information and Warning
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Management

NTED

- Fire Service
- Governmental Administrative
- Public Safety Communications
- Citizen/Community Volunteer

Training Certificates:

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

Course POC:

Melissa Blum

POC Work Phone: 215-805-6604

POC Work Email: blumm@hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/44/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/44/#course-description>

Course Active?: Yes

Developing a Cybersecurity Annex for Incident Response**AWR-366-W****Training Provider:** The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 5.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.6**Duration (in Days):****Course Description:**

A cyber incident response strategy and operations need to be addressed now, in advance of a cyber event that could impact the business operations of an entire community, state, tribe or territory. We need to ensure cyber is incorporated into our all hazard plans. A cyber annex is the plan for cyber incidents big and small. This course will provide the fundamentals needed to design and develop a cyber annex for SLTTs. It will address what the annex is, how it is used, who should participate in the design, implementation and execution. At the end of this course, you will have the fundamentals needed to get your cyber annex started.

Course Objectives:

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

- Describe the purpose and importance of a cyber annex
- Summarize the scope and purpose of a cyber annex
- Identify various roles and responsibilities included in the development of a cyber annex
- Identify various types of cyber incidents
- Recognize how severity and impact influence escalation processes
- Summarize aspects of information sharing
- Determine activities needed for training and exercises
- Identify a variety of resources available for cyber annex development

Other Prerequisites:

- Familiarity with basic cybersecurity concepts and terminology.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience
- Intelligence and Information Sharing
- Planning
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Information Technology

Training Certificates:

- 139 -

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 800-541-7149

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Business and Cyber Solutions bcs@teex.tamu.edu 800-541-7149

Course Link: <https://teex.org/class/awr366/>

Course Active?: Yes

Understanding Social Engineering Attacks**AWR-367-W****Training Provider:** The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 8.0**Community Lifeline(s):** Communications**Continuing Education Units:**
IACET: 0.6**Duration (in Days):****Course Description:**

This course covers topics on Social Engineering attack techniques and tools, while also equipping learners with a better understanding of how attackers use people as the weakest link to compromise targeted organizations. Learners will be learning about social engineering and become familiar with such attacks as phishing attacks, develop security awareness and take preventative measures.

Course Objectives:

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

Learners will be able to:

- Define basic knowledge of social engineering attacks and how these attacks can affect organizations or individuals.
- Describe reasons why social engineering attacks are effective, and to identify categories of social engineers.
- Identify different types of social engineering attack techniques so they can develop strategies to thwart these attacks.
- Discuss preventative measures and strategies for the mitigation of social engineering attacks

Other Prerequisites:

Internet access with common internet browser.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Citizen/Community Volunteer
- Information Technology

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

TEEX Elearning Support

NTED

POC Work Phone: 877-929-2002

POC Work Email: elearning@teex.tamu.edu

POC Information: Please register at the Texas A&M Extension Service (TEEX) website, here <https://my.teex.org/TeexPortal/Default.aspx>

Course Link: <https://teex.org/class/AWR367/>

Course Active?: Yes

A Strategic Approach to Safety and Security Measures for After-School Activities and Interscholastic Athletics

AWR-375-W

Training Provider: Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 6.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.6**Duration (in Days):****Course Description:**

The goal of this online course is to enhance the safety and security awareness of individuals responsible for organizing, supervising, and supporting after school activities and interscholastic athletics. This course focuses on developing prevention/mitigation, preparedness, and response strategies at after-school activities and interscholastic athletic events. Through interactive online learning modules, participants will develop an increased understanding of risk assessment and management, communications, mitigation and planning, professional development, and best practices. The expectation is for participants to gain an awareness-level knowledge of after-school activity and interscholastic athletic event risk management techniques.

Course Objectives:

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

- Identify fundamental concepts, terms and ideas related to school safety and security.
- Explain the legal foundations of school safety.
- Identify threats and hazards during after-school activities and interscholastic athletics.
- Identify school risks and appropriate mitigation strategies.
- Prepare an emergency operations plan, a functional annex, and a hazard-specific annex.
- Explain how to effectively manage emergencies or critical incidents.
- Use risk management program resources.

Other Prerequisites:

None

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Planning
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

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

NTED

- Public Health
- Public Safety Communications
- Citizen/Community Volunteer
- Search & Rescue
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Law Enforcement and Protective Services

POC Work Phone: 800-423-8433

POC Work Email: LAW@TEEX.tamu.edu

POC Information: <https://teex.org/class/awr375/>

Course Link: <https://teex.org/class/awr375/>

Course Active?: Yes

Understanding Targeted Cyber Attacks**AWR-376****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
IACET: 0.8**Duration (in Days):** 1.0**Course Description:**

Understanding Targeted Cyber Attacks provides students with specific information regarding targeted cyber attacks, including advanced persistent threats. This information will place them in a better position to plan and prepare for, respond to, and recover from targeted cyber attacks. This course will fill the gap in threat-specific training for cybersecurity as a community-driven course that focuses on the phases of targeted cyber attacks and the attacker methods used during each phase. Participants will also receive valuable information on cyber attack prevention, mitigation, and response.

Course Objectives:

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

- Understand basic concepts related to a targeted cyber attack
- Recommend strategies for preventing and mitigating targeted cyber attacks utilized during the reconnaissance phase
- Explain how targeted cyber attacks progress after the initial breach has occurred
- Recommend strategies for the preparation for, response to, and recovery from a targeted cyber attack

Other Prerequisites:

None Recommended: · AWR-136: Essentials for Community Cybersecurity · AWR-397-W - Cybersecurity for Everyone · AWR-173-W: Information Security Basics

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Planning

Mission Area(s):

- Protect

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/AWR376/>

Course Link: <https://teex.org/class/awr376/>

Course Active?: Yes

Disaster Resilience for Small Businesses**AWR-377****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Continuing Education Units:** IACET: 0.3**Duration (in Days):** 1.5**Course Description:**

Disaster Resilience for Small Businesses and Organizations is an awareness-level, four-hour course provides participants with a general understanding of the risks associated with natural hazards and disasters, introduce methods of assessing that risk to vulnerable small businesses, and describe the business continuity planning process to help small businesses prepare for, plan for, mitigate, respond to, and recover from any natural hazard or disaster that may occur.

Course Objectives:

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

This course will enable participants to:

- Identify hazards to business operations through risk assessments;
- Identify financial disaster assistance programs and business interruption insurance programs;
- Describe fundamentals of supply chain management following a disaster; and
- Identify processes and resources for preparing a business continuity plan.

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Community Resilience
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Protect
- Mitigation

Discipline(s):

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

NTED

- Transportation
- Other
- Education

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-operations@lists.hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/55/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/55/#course-description>

Course Active?: Yes

Coastal Hazard Awareness**AWR-379****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This one-day awareness-level training course aims to increase the awareness of the hazards facing coastal communities and basic strategies to reduce the risk to those hazards. This course provides training on the basic science of, assessment of, and preparedness for natural hazards and risks that uniquely affect coastal communities. Examples of these hazards are short-term events such as high surf, storm surge, and tsunami inundation, or long term threats such as coastal erosion.

Course Objectives:

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

The goal of this course is to enable participants to conduct a basic risk assessment of their community by understanding the hazard exposure and vulnerabilities of their coastal community.

Specific learning objectives include:

- Describe the hazards and impacts that threaten coastal communities;
- Identify information and warning products describing the risk of coastal hazards to their communities;
- Evaluate the characteristics of the coastal zone that contribute to vulnerability; and
- Discuss the general approaches and tools to mitigate and adapt to coastal hazards.

Secondary Core Capability(s):

- Community Resilience
- Long-term Vulnerability Reduction
- Natural and Cultural Resources
- Planning
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Public Health
- Public Works
- Citizen/Community Volunteer
- Transportation
- Other

Training Certificates:

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

Course POC:

Melissa Blum

POC Work Phone: 808-725-5220

POC Work Email: blumm@hawaii.edu

POC Information: ndptc-operations@lists.hawaii.edu <https://ndptc.hawaii.edu/training>

Course Link: <https://ndptc.hawaii.edu/training/catalog/53/#course-description>

Course Active?: Yes

Establishing an Information Sharing and Analysis Organization**AWR-381-W**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security

Duration (in Days):

Course Description:

This course will assist communities of interest to establish an Information Sharing and Analysis Organization (ISAO). Information Sharing and Analysis Organizations (ISAOs) are integral to national efforts to promote secure, rapid, and widespread information sharing enabling organizations to detect and block increasingly sophisticated cybersecurity threats. This course guides participants through a roadmap of key factors and considerations needed to establish an Information Sharing and Analysis Organization for their jurisdiction, state, tribe or territory.

Developed by the University of Texas at San Antonio (UTSA), and sponsored by the Criminal Justice Institute (CJI).

Course Objectives:

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

- Explain key concepts of the cyber threat information sharing landscape
- Summarize the essence of an ISAO
- Explain aspects of the cyber threat information sharing ecosystem
- Differentiate between ISAO creation drivers
- Summarize components needed to establish the purpose of the ISAO
- Explain aspects of an ISAO membership structure
- Summarize aspects of the ISAO's organizational structure
- Summarize plans supporting the ISAO business model
- Explain how trust plays a major role for the success of the ISAO
- Summarize why privacy and security principles must be integrated into the ISAO's practices.
- Identify important privacy and security laws for an ISAO
- Upon successful completion of the module participants will be able to summarize the phases of the Information Sharing and Analysis Framework
- Summarize various services and capabilities found in an ISAO
- Explain how partnerships enhance ISAO capabilities
- Explain the importance of measuring effectiveness for an ISAO
- Develop a plan for building an ISAO

Primary Core Capability:

Planning

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Fire Service
- Governmental Administrative

NTED

- Law Enforcement
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Transportation
- Other
- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

UTSA-CIAS

POC Work Phone: 800-541-7149

POC Work Email: KE@teex.tamu.edu

Course Link: <https://teex.org/class/AWR381/>

Course Active?: Yes

Cybersecurity Risk Awareness for Officials and Senior Management**AWR-383****Training Provider:** The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.4**Duration (in Days):** 0.5**Course Description:**

The Cybersecurity Awareness for Officials and Senior Management course is designed to develop awareness of cybersecurity risks so that elected officials, appointed officials, and other senior managers are better informed to properly protect the jurisdiction/organization during a cybersecurity incident. This is a non-technical course meant help officials and senior management work more effectively with their Information Technology (IT) departments to mitigate cyber threats. The training is tailored to government, critical infrastructure, and private sector personnel who have the responsibility for directing and developing policy within their organization.

Course Objectives:

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

- Explain the basic concepts involved in cyber threats and cyber-attacks.
- Describe how their jurisdiction/organization is at risk for a cyber-attack and the impacts an incident could produce.
- Formulate strategic actions the jurisdiction/organization can implement to better protect against, respond to, and recover from a cyber incident.

Other Prerequisites:

None

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Infrastructure Systems
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- Operational Communications
- Planning
- Threats and Hazard Identification

Mission Area(s):

- Common

Discipline(s):

- Emergency Management
- Governmental Administrative
- Other

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4837

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Cyber Training Manager Bart TaylorBart.Taylor@teex.tamu.edu979-500-6753<https://teex.org/class/awr383/>

Course Link: <https://teex.org/class/awr383/>

Course Active?: Yes

Cyber Identity and Authentication**AWR-384-W**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 4.0

Community Lifeline(s): Safety and Security

Duration (in Days):

Course Description:

This is a fundamental course to provide students with the knowledge and skills necessary to understand identity management, access control, and authentication standards and practices. This course also provides a broad base of knowledge connecting the underlying concepts of digital identity to how users, devices, and services are authorized to access digital resources and services, and how access control mechanisms are designed and implemented.

Course Objectives:

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

- Identify secure resources to authenticate physical and digital identity.
- Determine what are the best authentication process and protocols for their organizations
- Explain how biometric modalities can strengthen or weaken an authentication strategy
- Explain the different aspects of multi-factor authentication.

Other Prerequisites:

To ensure student's success in this course, students should possess:

- Basic Windows user skills
- Fundamental understanding of computer and networking concepts
- Basic level of cybersecurity knowledge is recommended

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Common

Discipline(s):

- Governmental Administrative
- Information Technology
- Other

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course Link: <https://teex.org/class/AWR384/>

Course Active?: Yes

Mobile Device Security and Privacy**AWR-385-W**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 5.0

Community Lifeline(s): Safety and Security

Duration (in Days):

Course Description:

This course is designed to assist individuals to better understand security and privacy issues associated with mobile devices and infrastructure; including benefits and challenges of designing, implementing, and maintaining Bring Your Own Device (BYOD) Programs. Using scenarios, thought challenges and exercises as a framework, students will learn about: (a) the purpose of Enterprise Mobile Management platforms; (b) elements that make mobile networks and operating systems different; (c) mobile malware classifications and detection strategies; and (d) mobile architecture data leakage detection and prevention strategies.

The updates to this training will help ensure the accuracy and usability of the course information in alignment with current methodologies and best practices.

Course Objectives:

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

- Recognize the basic concepts of bring your own device (BYOD) policies.
- Recognize the pros and cons of BYOD.
- Describe the Unified Endpoint Management (UEM) platform.
- Identify the components of the UEM platform.
- Explain the purpose of an effective UEM strategy.
- Describe the basic components of Mobile Device Management (MDM) systems.
- Describe the basic components of Mobile Application Management (MAM) systems.
- Describe the basic components of Mobile Content Management (MCM) systems.
- Explain the functional differences between wired and wireless networks.

- Identify elements that are unique to mobile operating systems.
- Identify the different wireless technologies and security protocols for mobile devices.
- Identify types of mobile security threats.
- Identify types of mobile device attacks.
- Identify major categories of malware and detection strategies.
- Describe vulnerabilities and commonly used exploits.
- Describe a threat and vulnerability management process.
- Describe data loss prevention and detection strategies.

Other Prerequisites:

- Basic Windows user skills.
- Fundamental knowledge of computer networking concepts
- Fundamental knowledge applications found on mobile devices
- A basic level of cybersecurity knowledge is recommended

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Infrastructure Systems
- Intelligence and Information Sharing
- Planning
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect

Discipline(s):

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

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

NTED

Course Link: <https://teex.org/class/AWR385/>

Course Active?: Yes

Cyber Awareness for Municipal, Police, Fire and EMS IT Personnel**AWR-388-W****Training Provider:** The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 2.0**Community Lifeline(s):** Safety and Security**Duration (in Days):****Course Description:**

This 2 hour, web-based course will cover the basics of cyber awareness for Municipal, Police, Fire and EMS Information Technology personnel. Participants will have an increased knowledge of threats specific to their jurisdiction and an understanding of the processes and procedures needed to develop a cyber-awareness program. This non-technical course will focus on the steps involved in being aware of cyber threats and effectively communicating the processes and procedures to protect users against common cyber threats. The participants will apply this knowledge to developing processes and procedures to integrate cyber awareness into routine operations.

Course Objectives:

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

- Range and existence of cyber threats
- Specific threats targeted toward police, fire and EMS agencies
- Language and Protocol
- Integration of a Cyber Awareness Program

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Governmental Administrative
- Law Enforcement
- Health Care
- Public Health
- Information Technology
- Other

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Thomas Paulger

POC Work Phone: 802-485-2759

POC Work Email: tpaulger@norwich.edu

Course Link: <https://teex.org/class/AWR388/>

Course Active?: Yes

Improving Individual and Households Financial Literacy and Management Support Post-Disaster Economic Recovery

AWR-390-W

Training Provider: Columbia University, National Center for Disaster Preparedness

Course Level: Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 2.0

Community Lifeline(s): Food, Hydration, Shelter, Communications

Duration (in Days):

Course Description:

This course will provide the learner with an overview of the ways disaster can impact an individual and household's finances and economic recovery. The learner will review case studies of recent disasters where an individual and household's finances were impacted and analyze the lessons learned from these events. An overview of emergency planning will also be provided. The course will present best practices in pre-disaster financial planning to include identifying and engaging essential partners. Finally, an overview of available resources, toolkits, and checklists will be presented.

Course Objectives:

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

Upon completion of this course, the participant will be able to successfully complete post-course questions based on the following tasks:

- Identify the kinds of financial disasters that can affect an individual/ household;
- Recognize the key elements of individual/ household financial literacy;
- Identify the public (government) and non-governmental programs that can assist in financial disaster preparedness for individuals/ households;

Re-state initial steps towards strengthening individual/ household/ financial preparedness for disasters

Primary Core Capability:

Economic Recovery

Secondary Core Capability(s):

- Community Resilience

Mission Area(s):

- Prevent
- Recover
- Mitigation

Discipline(s):

- Citizen/Community Volunteer

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

NTED

Tom Chandler

POC Work Phone: 212-853-6237

POC Work Email: tec11@columbia.edu

POC Information: crladmin@columbia.edu

Course Link: www.ncdpcourses.org

Course Active?: Yes

Improving Business: Financial Literacy and Management Support Post-Disaster Economic Recovery

AWR-391-W

Training Provider: Columbia University, National Center for Disaster Preparedness

Course Level: Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 2.0

Community Lifeline(s): Food, Hydration, Shelter, Communications

Duration (in Days):

Course Description:

This course will provide the learner with an overview of the ways disaster can impact a business/finances and economic recovery. The learner will review case studies of recent disasters where a business/finances were impacted and analyze the lessons learned from these events. An overview of emergency planning will also be provided. The course will present best practices in pre-disaster financial planning to include identifying and engaging essential partners. Finally, an overview of available resources, toolkits, and checklists will be presented.

Course Objectives:

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

Upon completion of this course, the participant will be able to successfully complete post-course questions based on the following tasks:

1. Identify the kinds of financial disasters that can affect an business and identify the key elements of business financial literacy;
2. Recognize key partners in the public and private sectors that provide information and guidance in emergency management and financial planning;
3. Re-state the public (government) and non-governmental programs that can assist in financial disaster preparedness for businesses;
4. Identify initial steps towards business financial preparedness for disasters.

Primary Core Capability:

Economic Recovery

Secondary Core Capability(s):

- Community Resilience
- Economic Recovery
- Housing

Mission Area(s):

- Prevent
- Recover

NTED

- Mitigation

Discipline(s):

- Emergency Management
- Other
- Education

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Tom Chandler

POC Work Phone: 212-853-6237

POC Work Email: tec11@columbia.edu

POC Information: crlcadmin@columbia.edu

Course Link: www.ncdpcourses.org

Course Active?: Yes

Cybersecurity in the Workplace**AWR-395-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 2.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.2**Duration (in Days):****Course Description:**

This course will help participants understand the different types of cyber attacks their company may face, the type of information that is at risk, how to recognize cyber attacks, and why it is important for everyone in the organization to participate in cybersecurity. The use of computers and networked systems in the workplace has opened businesses and organizations to a variety of risks. Every employee using a computer connected to the organization's network is a potential point of entry for a cyber attack. For this reason, this course will introduce participants to the basics of cybersecurity, common cyber attacks, and their role in defending their workplaces against cyber attacks.

Course Objectives:

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

- Explain their role in cybersecurity in the workplace.
- Explain various cyber attacks that may impact them and their organizations.
- Implement selected cybersecurity practices to protect themselves and their organization.

Other Prerequisites:

NoneRecommended:AWR-397-W - Cybersecurity for Everyone

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Intelligence and Information Sharing

Mission Area(s):

- Protect

Discipline(s):

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

NTED

- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4837

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr395/>

Course Link: <https://teex.org/class/awr395/>

Course Active?: Yes

Network Security for Homes and Small Businesses**AWR-396-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 2.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.2**Duration (in Days):****Course Description:**

This course introduces students to the basics of networks for homes and small businesses and provide them with best practices to secure their networks in order to protect their personal information as well as other (friends, family, customers, vendors, etc.) information that may flow through their network.

The Internet (the world's largest network) allows us to accomplish tasks more conveniently and efficiently at home, work and on the road! However, there are security risks with networks, and users must be aware and remain vigilant about these risks and how to secure their home or small business network.

Course Objectives:

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

- Define terminology related to networking.
- Identify equipment associated with networks.
- Describe the purpose of http, DNS, and IP addresses.
- Explain different types of small networks.
- Explain why network security is important.
- Identify types of network attacks.
- Describe brute force and dictionary password attacks.
- Identify examples of strong passwords/passphrases.
- Explain how to set up a secure home or small business network.
- Identify the impacts of a data breach.
- Identify vulnerabilities in point of sale systems.
- Explain how to secure point of sale systems.

Other Prerequisites:

None
Recommended: AWR-397-W - Cybersecurity for Everyone
AWR-395-W - Cybersecurity in the Workplace

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Access Control and Identity Verification
- Infrastructure Systems

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management

NTED

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr396/>

Course Link: <https://teex.org/class/awr396/>

Course Active?: Yes

Cybersecurity for Everyone**AWR-397-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.4**Duration (in Days):****Course Description:**

The purpose of this course is to provide students a general understanding of cybersecurity risk and best practices for protecting themselves and their devices from cyber attacks. This course will introduce you to the basics of protecting your computer and the data it stores as well as protecting yourself when you are online, on social media, and while using your mobile or smart devices. This awareness level course is intended for anyone who desires to learn more about cybersecurity concerns when using everyday devices.

Course Objectives:

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

- Explain basic concepts for protecting computers and data.
- Explain basic concepts for protecting personal identities while online.
- Explain the concept of social engineering and how to prevent becoming a victim.
- Describe the risks of email.
- Describe the risks of social media and how to protect yourself when using it.
- Identify mobile security risks.
- Recognize the risks associated with Internet of Things devices.
- Recognize the risks associated with common gaming consoles.
- Identify and secure all connected devices on your home network.

Other Prerequisites:

None

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience

Mission Area(s):

- Protect

Discipline(s):

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

NTED

- Security and Safety
- Search & Rescue
- Transportation
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr397/>

Course Link: <https://teex.org/class/awr397/>

Course Active?: Yes

Detecting and Responding to a Cyber Attack**AWR-399-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.4**Duration (in Days):****Course Description:**

This course is designed to introduce computer users to the fundamentals of detecting and responding to cyber attacks. As computers and mobile devices become a part of most people's everyday lives, the challenges of protecting computers and mobile devices and the data on them increases. Part of protecting computers and mobile devices is understanding how to recognize when they are compromised, the steps to take to respond to compromised computers and devices, and how to recover once they have been rid of any infection. This course will introduce students to various types of cyber attacks and how to detect and respond to them in order to protect the data stored on them.

Course Objectives:

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

- Explain malware, and how to detect and respond to it to protect computers
- Explain social engineering and how to respond to social engineering attacks
- Identify how to detect and respond to cyber attacks on their mobile devices
- Explain how to detect and respond to physical security threats that lead to cyber attacks

Other Prerequisites:

NoneRecommended:AWR-173-W - Information Security Basics

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Protect

Discipline(s):

- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-458-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/awr399/>

Course Link: <https://teex.org/class/awr399/> - 170 -

NTED

Course Active?: Yes

Radiological Dispersal Device (RDD) Response Guidance; Planning for the First 100 Minutes

AWR-400-W

Training Provider: Nevada Test Site

Course Level: Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 2.0

Duration (in Days):
Course Description:

Course AWR-400-W, Radiological Dispersal Device (RDD) Response Guidance: Planning for the First 100 Minutes, provides the participant with a detailed overview of the five missions, (recognize, inform, initiate, map and measure, and evacuate and monitor), and the associated response tactics that make up the guidance. State, Local, Tribal, and territorial (SLTT) responders, as well as members of the whole community will learn the required actions and protective measures required to mount a successful response to an RDD incident.

Course Objectives:

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

- Identify the purpose and structure of the guidance to effectively navigate and locate required content.
 - Select the mission and tactic required to recognize and confirm a radiological hazard involving a suspected Radiological Dispersal Device (RDD).
 - Select the elements required to give report and notifications that would inform responders and the public of radiation zones and shelter-in-place zones, and local, state, and federal authorities of any necessary request for assistance.
 - Determine appropriate radiological exposure management techniques to conduct lifesaving rescue operations,
- and the necessary zones to establish and effectively secure and manage a Radiological Dispersal Device (RDD) scene.
- Identify the required resources and scope of deployment necessary to measure and map radiation levels for scene characterization.
 - Determine factors potentially influencing the evacuation of populations from affected areas, and strategies to consider for the establishment of radioactive screening stations, decontamination areas, and community reception centers.

Other Prerequisites:

No prerequisites required

Primary Core Capability:

Situational Assessment

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Hazardous Material

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877.WMD.CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: Name: Registration DeskE-mail Address: ctosmttreg@nv.doe.govTelephone

Number: 877.WMD.CTOS*Registration Contact: www.ctosnnsa.org

Course Link: <https://ctos.acadisonline.com/AcadisViewer/Login.aspx>

Course Active?: Yes

Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review

AWR-401-W

Training Provider: Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 9.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 0.9**Duration (in Days):****Course Description:**

This course was developed to provide a web-based alternative to the existing MGT-310 Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review course. This course introduces the six-step THIRA/SPR process which includes identifying threats and hazards that stress a community's capabilities, giving context to those threats and hazards and identifying associated impacts consistent with specific factors, identifying community-specific capability targets, assessing current levels of capability in comparison to those targets, identifying capability gaps and subsequent strategies to close those gaps.

Course Objectives:

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

- Summarize the Threat and Hazard Identification and Risk Assessment (THIRA) and Stakeholder Preparedness Review (SPR) process.
- Identify specific threats and hazards to the community by applying principles and concepts related to threat and hazard identification groups, and the factors to consider for threat and hazard groups.
- Write a context statement based on the completion of an impact worksheet that will identify the threat and hazard that most challenge a single core capability.
- Develop core capability target statements which describe the level of capability a community plans to achieve for each of the 32 core capabilities.
- Assess current capability levels and how community capabilities have changed over the last year.
- Articulate capability gaps and a subsequent approach for addressing gaps and sustainment needs using the POETE (Planning, Organization, Equipment, Training, and Exercises) Solution Cycle.
- Articulate how Federal funding sources and programs might assist in addressing identified gaps, and how previous funding sources impacted the community's ability to address capability gaps and sustainment needs.

Other Prerequisites:

No Prerequisites Recommended training:

- FEMA Emergency Management Institute Independent Study (IS), IS-700.B: An Introduction to the National Incident Management System <https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b>
- FEMA Emergency Management Institute Independent Study (IS), IS 800.D: National Response Framework, an Introduction <https://training.fema.gov/is/courseoverview.aspx?code=IS-800.d>
- FEMA Emergency Management Institute Independent Study (IS), IS-235.C: Emergency Planning <https://training.fema.gov/is/courseoverview.aspx?code=is-235.c>
- FEMA Emergency Management Institute Independent Study (IS), IS-2000: National

Preparedness Goal and System Overview <https://training.fema.gov/is/courseoverview.aspx?code=IS-2000>

- FEMA Emergency Management Institute Independent Study (IS), IS-2500: National Prevention Framework, an Introduction <https://training.fema.gov/is/courseoverview.aspx?code=IS-2500>
- AWR-213: Critical Infrastructure Security and Resilience Awareness <https://teex.org/class/awr213>
- AWR-160-W: WMD/Terrorism Awareness for Emergency Responders <https://teex.org/class/awr160>
- MGT-418: Readiness: Training Identification and Preparedness Planning <https://teex.org/class/mgt418>

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Law Enforcement and Protective Services

POC Work Phone: 800-423-8433

POC Work Email: law@TEEX.tamu.edu

POC Information: <https://teex.org/class/awr401/>

Course Link: <https://teex.org/class/awr401/>

Course Active?: Yes

Introduction to Internet of Things (IoT)**AWR-402-W****Training Provider:** The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 2.0**Community Lifeline(s):** Safety and Security, Communications**Duration (in Days):****Course Description:**

The purpose of this course is to provide an understanding of the history, definitions, and components that make up IoT. The course addresses the different applications of IoT as well as applicable laws and policies, technologies, emerging threats, best practices, security, and a variety of existing and developing technologies.

Course Objectives:

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

Upon successful completion of this course, participants will understand how IoT affects their daily lives as well as industry, government, and critical infrastructure.

Other Prerequisites:

This is an introductory level course. Basic browser skills are required.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience
- Infrastructure Systems
- Long-term Vulnerability Reduction
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Prevent
- Protect

Discipline(s):

- Governmental Administrative
- Health Care
- Information Technology
- Security and Safety

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnoles@cji.edu

POC Information: Diane Cornwell Diane.Cornwell@teex.tamu.edu

Course Link: <https://teex.org/class/awr402/>

Examining Advanced Persistent Threats**AWR-403-W**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security, Communications

Continuing Education Units:
IACET: 0.6

Duration (in Days):

Course Description:

This new online course provides an overview of similarities and differences between traditional systems attacks and APT attacks. At the end of this course, participants should possess a fundamentals understanding of complex attack paths and countermeasures for various advanced persistent threats (APTs). We will cover: (a) characteristics of APTs; (b) phases of APTs; (c) common APT attack techniques and tools; and (d) common APT defense techniques and tools. This course is suitable for Business and Administrative personnel that oversee IT personnel working in NCISS locations like water treatment, electrical power distribution, gas, and telecommunications systems. Managers, Supervisors and Administrators personnel will be able to identify complex attack paths and countermeasures for various advanced persistent threats (APTs).

Course Objectives:

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

At the end of this course, participants should possess a fundamentals understanding of complex attack paths and countermeasures for various advanced persistent threats (APTs).

Other Prerequisites:

Computer with modern browser and internet access

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Infrastructure Systems
- Interdiction and Disruption
- Long-term Vulnerability Reduction
- Planning
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Prevent

Discipline(s):

- Public Safety Communications
- Information Technology
- Security and Safety
- Education

Training Certificates:

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The University of Arkansas. Criminal Justice Institute Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 800-541-7149

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Business and Cyber Solutions bcs@teex.tamu.edu 800-541-7149

Course Link: <https://teex.org/class/AWR403/>

Course Active?: Yes

Unmanned Aircraft Systems Program Development, Mobile**AWR-406****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Duration (in Days):** 1.0**Course Description:**

The UASPD course aids first responders and emergency agencies in the successful development, implementation, and sustainment of a department or agency's small, Unmanned Aircraft System (sUAS) program. This course provides class participants with the knowledge and tools required for establishing sUAS program goals: deciding whether an agency is best served by sUAS operations options under 14 CFR Part 107 or operating sUAS programs as a Public Aircraft Operation (PAO); requesting waivers and airspace authorizations; and developing Standard Operating Procedures (SOP). This course will provide first responders with an understanding of FAA regulations governing 14 CFR Part 107 operations along with statutory requirements for public aircraft operations. The UASPD course also presents a review of government agency sUAS program best practices.

The UASPD Mobile course is available as an in-person or virtual-training format course. The course is hosted at any qualifying emergency personnel agency or organization in the US by New Mexico Tech (NMT) Energetic Materials Research and Testing Center (EMRTC) instructors.

Course Objectives:

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

- Identify the use of UAS in public safety operations and general considerations related to the implementation of a UAS program.
- Recognize the legal and regulatory requirements applicable to UAS public safety programs at the federal, state, and local level.
- Recognize UAS types and their capabilities in relation to their use to conduct public safety operations.
- Identify how the Travis County Emergency Services (ES) Department uses UAS in their response operations.

- Recognize the key components of starting, operating, and sustaining a UAS program.
- Identify the Risk Management, Safety, and Contingency Planning process.
- Establish basic training requirements and considerations for UAS programs and their sustainability.
- Recognize the importance of operational transparency, civil liberties, and addressing privacy concerns from the public.
- Identify basic operations, equipment, and maintenance cost considerations.
- Recognize the UAS program implementation at the Ft. Wayne Police Department.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Situational Assessment

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Drone Assessment and Response Tactics, Mobile**AWR-407****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Communications**Duration (in Days):** 1.0**Course Description:**

The Drone Assessment and Response Tactics (DART), Mobile course is available as an in-person or virtual-training format course. The course is hosted at any qualifying emergency personnel agency or organization in the US by New Mexico Tech (NMT) Energetic Materials Research and Testing Center (EMRTC) instructors.

The DART, Mobile course provides emergency personnel with the knowledge and skills necessary to detect, identify, track, assess, respond, and report Unmanned Aircraft Systems (UAS) activity. Participants are presented with information on the current UAS criminal and terrorist threat, analog and electronic UAS detection techniques, and response tactics to address this threat.

Course Objectives:

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

- Recognize Unmanned Aircraft Systems (UAS) uses and components.
- Recognize the threat posed by the criminal and terrorist use of commercially available Unmanned Aircraft Systems (UAS) technology.
- Recall Unmanned Aircraft Systems (UAS) regulations and the counter-UAS tactics associated with first responder operations.
- Discuss C-UAS Tactics, Techniques, and Procedures (TTPs) used throughout the included case study.
- Recall audio and visual detection techniques utilized when detecting potentially hazardous Unmanned Aircraft Systems (UAS) activity.
- Recall tracking techniques and assessment methodology utilized when encountering Unmanned Aircraft Systems (UAS) activity.
- Recall response and reporting options when encountering suspicious or unsafe Unmanned Aircraft Systems (UAS) activity.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Interdiction and Disruption

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management

NTED

- Emergency Medical Services
- Fire Service
- Law Enforcement
- Security and Safety

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Drone Assessment and Response Tactics, Customized**AWR-407-C****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Conference or Symposium, Virtual**Duration (in Hours):** 1.5**Community Lifeline(s):** Safety and Security, Communications**Duration (in Days):** 1.0**Course Description:**

The Drone Assessment and Response Tactics (DART), Customized course is available as an in-person or virtual training conference-format course. The course is hosted by New Mexico Tech (NMT) Energetic Materials Research and Testing Center (EMRTC).

The DART, Customized course presents emergency personnel with the methodology used to detect, identify, track, assess, respond, and report Unmanned Aircraft Systems (UAS) activity. Participants are presented with information on the current UAS criminal and terrorist threat, analog and electronic UAS detection techniques and response tactics to address these threats.

Course Objectives:

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

- Recognize the criminal and terrorist use of UAS.
- Identify the tactics used by first responders to detect, identify, track, assess, respond, and report UAS activity.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Interdiction and Disruption

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Participation

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Disaster Recovery Awareness**AWR-408-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 1.5**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Communications, Hazardous Material**Continuing Education Units:**
IACET: 0.2**Duration (in Days):****Course Description:**

The Disaster Recovery Awareness online course provides an awareness of disaster recovery planning activities to individuals and organizations responsible for ensuring the resiliency of the whole community. According to FEMA, Congress appropriated \$139 billion in disaster funding since 2017. This Federal funding is administered through 20 federal departments and agencies to support state, local, tribal, and territorial recovery efforts. The large numbers of organizations administering the vast amounts of taxpayer money inherently makes recovery administration complex. The intent of this course is to provide an introduction to the complex topic of disaster recovery.

Course Objectives:

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

- Identify key elements of disaster recovery guidance
- Determine methods for planning a successful recovery
- Review public assistance available to jurisdictions for recovery efforts

Other Prerequisites:

None

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Economic Recovery
- Operational Coordination
- Logistics and Supply Chain Management
- Supply Chain Integrity and Security

Mission Area(s):

- Recover

Discipline(s):

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

NTED

- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Search & Rescue
- Transportation
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Infrastructure Safety and Training Institute (ITSI)

POC Work Phone: 800-723-3811

POC Work Email: itsi@teex.tamu.edu

POC Information: <https://teex.org/class/awr408/>

Course Link: <https://teex.org/class/awr408/>

Course Active?: Yes

Hospital Radiological Emergency Operations: Hazards and Countermeasures

AWR-410-W

Training Provider: Nevada Test Site

Course Level: Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 1.5

Community Lifeline(s): Safety and Security, Health and Medical

Duration (in Days):
Course Description:

This course will provide Healthcare Workers/First Receivers foundational knowledge on the hazards of radioactive material, signs and symptoms and biological effects of radiation on victims, and present resources that can be contacted to assist in the treatment of victims in a radiological incident. The Course incorporates the radiological data and knowledge required to carry out the policies and procedures of a hospital's/medical facilities' Emergency Operation Plans (EOP) that will help limit the threats of a radiological mass casualty incident.

Course Objectives:

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

Upon completion of this module, the Participants will gain foundational knowledge on the hazards of radioactive material. They will be able to recognize the signs and symptoms presented by patients exposed to radiation and become familiar with resources that are available to assist with the treatment of radiological victims.

Enabling Learning Objectives (ELOs)

Upon completion of this module, the Participant will be able to:

ELO 1-1: Distinguish between radiological exposure and contamination

ELO 1-2: Define the units and dose measurements for ionizing radiation

ELO 1-3: Identify the different signs and symptoms of radiological injuries

ELO 1-4: Differentiate counter measures to treat radiological injuries

Other Prerequisites:

Recommended: AWR-140 or AWR-140-W, Introduction to Radiological/Nuclear Weapons of Mass Destruction (WMD) Operations for any Participant that has no previous knowledge of radiation, or equivalent knowledge.

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Health Care

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-WMD-CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: FEMA (NTED) Centralized Scheduling and Information Desk: 800-368-

6498 Federal course catalog available at <https://www.firstrespondertraining.gov> As an online Web

Based Training (WBT) program, the Participant will need to have access to the following:

- -Personal Computer with access to the internet.
- Detailed System Requirements are available on the CTOS Web Campus initial screen: <http://www.ctosnnsa.org/>
- -Student must have a valid email address
- -FEMA Student Identification (SID) Number. Apply at <https://cdp.dhs.gov/femasid/>
- Registered User Account on CTOS web campus, https://www.nts-ctos.com/sign_in.k2

Course Link: <https://ctos.acadisonline.com/AcadisViewer/Login.aspx>

Course Active?: Yes

Hospital Radiological Emergency Operations: Personal Protective Equipment

AWR-411-W

Training Provider: Nevada Test Site

Course Level: Awareness

Delivery Type(s): Online/Distance Learning

Duration (in Hours): 1.0

Community Lifeline(s): Safety and Security, Health and Medical

Duration (in Days):
Course Description:

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

Course Objectives:

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

Upon completion of this course, the Participant will gain foundational knowledge on the selection, use, and challenges of using personal protective clothing and respiratory protection while caring for radiologically contaminated victims. This will be accomplished via the following objectives:

ELO 1.1 Interpret the hazard circumstances to decide when it is necessary to use Personal Protective Equipment (PPE).

ELO 1.2 Select the appropriate Personal Protective Equipment (PPE) given the type of hazard or threat.

ELO 1.3 Identify the necessary elements of a respiratory protection plan.

ELO 1.4 Identify safety protection practices that can be implemented to reduce radiological hazards to the First Receiver.

Other Prerequisites:

Recommended: AWR-140 or AWR-140-W, Introduction to Radiological/Nuclear Weapons of Mass Destruction (WMD) Operations for any Participant that has no previous knowledge of radiation, or equivalent knowledge.

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Health Care

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-WMD-CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: FEMA (NTED) Centralized Scheduling and Information Desk: 800-368-6498.

Federal course catalog available at <https://www.firstrespondertraining.gov>. As an online Web Based Training (WBT) program, the Participant will need to have access to the following: Personal Computer with access to the internet. Detailed SystemRequirements are available on the CTOS Web Campus initial screen: <http://www.ctosnnsa.org/> Student must have a valid email address, and a FEMAStudent Identification (SID) Number. To receive a SID, apply at <https://cdp.dhs.gov/femasid/>. Student must also have a Registered UserAccount on the CTOS web campus, https://www.nts-ctos.com/sign_in.k2

Course Link: <https://ctos.acadisonline.com/AcadisViewer/Login.aspx>

Course Active?: Yes

Hospital Radiological Emergency Operations: Preparation**AWR-412-W****Training Provider:** Nevada Test Site**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 1.0**Community Lifeline(s):** Health and Medical**Duration (in Days):****Course Description:**

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

With the knowledge gained from this course, the Healthcare worker will be able to employ the steps required to secure areas by First Receivers and have the ability to implement the necessary preparations in setting up a facility to safely receive radiologically contaminated victims in a hospital-based environment

Course Objectives:

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

Upon completion of this course, the Participant will define the Facility Plan, identify the steps to minimize cross contamination, and identify the procedures to assist in recovery and termination of the incident. To accomplish this objective the following enabling learning objectives will be covered.

ELO 1.1 Identify the components of a facility plan to secure the forward/outside work areas of the facility.

ELO 1.2 Indicate action items that will minimize or reduce cross contamination of the emergency room/emergency department (ED) work space areas.

ELO 1.3 Select the procedures used for the incident termination that assist with the recovery and reopening of the emergency room/emergency department receiving areas.

ELO 1.4 Identify healthcare components of the FEMA Community Lifelines.

Other Prerequisites:

Recommended: AWR-140 or AWR-140-W, Introduction to Radiological/Nuclear Weapons of Mass Destruction (WMD) Operations for any Participant that has no previous knowledge of radiation, or equivalent knowledge.

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Emergency Medical Services

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-WMD-CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: FEMA (NTED) Centralized Scheduling and Information Desk: 800-368-6498.

Federal course catalog available at <https://www.firstrespondertraining.gov>. As an online Web Based Training (WBT) program, the Participant will need to have access to the following: Personal Computer with access to the internet. Detailed SystemRequirements are available on the CTOS Web Campus initial screen: <http://www.ctosnnsa.org/>. Student must have a valid email address, and a FEMAS Student Identification (SID) Number. To apply for a SID, go to <https://cdp.dhs.gov/femasid/>. Student must also have a registered userAccount on CTOS web campus, https://www.nts-ctos.com/sign_in.k2

Course Link: <https://ctos.acadisonline.com/AcadisViewer/Login.aspx>

Course Active?: Yes

Cybersecurity Fundamentals**AWR-418-W****Training Provider:** The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 0.5**Duration (in Days):****Course Description:**

This four-hour web-based course is an introduction to the fundamentals of cybersecurity for technical personnel and technical managers. Topics addressed will highlight cybersecurity concepts and best practices that are core to a cybersecurity program for an organization. The course will serve as a guide to identify the essential cybersecurity principles needed in an organization, and discuss how these principles protect networks and data. It will address current cyber threats confronting organizations today, and will highlight best practices used to protect, defend, respond to, and/or recover from cyber-attacks and cyber-threats.

Course Objectives:

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

Upon completing this course, the learner will be able to:

- explain cyber threats and vulnerabilities that can affect an organization, and the importance of having written cybersecurity policies and procedures in place.
- explain the core security principles and the essential security controls for protecting the organization and securing data.
- explain the importance of protecting the organization by applying cybersecurity policies, mitigating risks, and planning to recover from cyber-attacks.

Other Prerequisites:

Students should have a background in IT, knowledge of the internet, and ability to access and use the internet.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Planning
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Information Technology
- Security and Safety

Training Certificates:

- 193 -

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Business & Cyber Solutions

POC Work Phone: 979-431-4837

POC Work Email: bcs@teex.tamu.edu

POC Information: teex.org

Course Link: <https://teex.org/class/awr418/>

Course Active?: Yes

Disaster Awareness for Water and Wastewater Utilities, an Introduction**AWR-419-W****Training Provider:** Texas Engineering Extension Service**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 2.0**Community Lifeline(s):** Food, Hydration, Shelter, Health and Medical, Hazardous Material**Continuing Education Units:**
IACET: 0.2**Duration (in Days):****Course Description:**

This course is designed to provide training to water and wastewater professionals on issues concerning preparing for, responding to, and recovering from natural or human-caused disasters that threaten water and wastewater facilities and systems. This course introduces the various natural and human-caused (accidental or intentional) hazards to which water and wastewater systems may be vulnerable and the potential effects of hazards. Planning for and managing incidents are discussed, as well as disaster mitigation, response, and recovery specific to drinking water and wastewater systems. Participants are guided through portions of the Environmental Protection Agency (EPA) Response Protocol Toolbox (RPTB) to identify steps in the response and recovery processes. Scenarios are presented throughout for an all-hazards incident that affects a utility.

Course Objectives:

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

- Discuss prevention and protection measures.
- Discuss the importance of mitigation measures.
- Identify response resources and activities.
- Describe disaster recovery resources and activities.

Primary Core Capability:

Infrastructure Systems

Secondary Core Capability(s):

- Long-term Vulnerability Reduction
- Operational Communications
- Operational Coordination
- Planning
- Risk and Disaster Resilience Assessment
- Situational Assessment

Mission Area(s):

- Common

Discipline(s):

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

NTED

- Citizen/Community Volunteer
- Transportation
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Infrastructure Safety and Training Institute (ITSI)

POC Work Phone: 800-723-3811

POC Work Email: itsi@teex.tamu.edu

POC Information: TEEX Infrastructure Safety and Training Institute (ITSI) itsi@teex.tamu.edu 800-723-3811 To register: <https://teex.org/class/awr419/>

Course Link: <https://teex.org/class/AWR419/>

Course Active?: Yes

Demystifying Cyber Attacks**AWR-421**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security, Communications

Continuing Education Units:
IACET: 0.8

Duration (in Days): 1.0

Course Description:

Through discussion, pre-recorded attacks, and live example attacks, Demystifying Cyber Attacks will explain and demonstrate common cyber attacks for non-technical participants. Participants will also learn how common cyber attacks can be disrupted at various points of the cyber kill chain using mitigation and response strategies.

As part of a Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) cooperative agreement training program, this course is available at no direct cost to state, county, and local government agencies.

Course Objectives:

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

- Identify various cyber actors and threat vectors.
- Explain how common cyber-attacks are conducted.
- Identify strategies for mitigating and disrupting various cyber-attacks.

Other Prerequisites:

None

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience

Mission Area(s):

- Protect

Discipline(s):

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

NTED

- Transportation
- Other
- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4837

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Cyber Training Manager Bart TaylorBart.Taylor@teex.tamu.edu979-500-6753<https://teex.org/class/awr421/>

Course Link: <https://teex.org/class/awr421/>

Course Active?: Yes

UAS Flight Operations for Emergency Response**AWR-422****Training Provider:** Alliance for System Safety of UAS through Research Excellence**Course Level:** Awareness**Delivery Type(s):** Residential**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Duration (in Days):** 1.0**Course Description:**

This course will prepare first responders with technical resources, knowledge, and experience to deploy UAS for a variety of emergency response scenarios. The course will cover rules and regulations, mission planning, airspace coordination, platform and sensor selection, risk assessment and mitigation, flight operations, data collection, and metadata retention.

Course Objectives:

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

Upon completion of the course, participants will be able to plan and execute UAS flight operations to capture data to inform emergency response operations.

Other Prerequisites:

Learners should be familiar operating standard computer equipment such as smart phones, tablets, and laptops.

Primary Core Capability:

N/A - Training and Education

Secondary Core Capability(s):

- Operational Coordination

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

Alliance for System Safety of UAS through Research Excellence Certificate of Completion

Course POC:

Carrie Grace Garadino

POC Work Phone: 662-325-8278

NTED

POC Information: Carrie Grace Garadinocarrieg@assure.msstate.edu(662) 325-8278

Course Active?: Yes

Pandemic Planning: Multilateral Risk Communications**AWR-424-W****Training Provider:** Columbia University, National Center for Disaster Preparedness**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 2.0**Community Lifeline(s):** Food, Hydration, Shelter**Duration (in Days):****Course Description:**

This awareness level, asynchronous web-based training will provide participants with an overview of multilateral risk communications during a pandemic. Topics to be covered include credibility and sources of information, methods of information dissemination and message crafting, and identifying ways that information is shared within the community.

Course Objectives:

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

This awareness level, web-based training course will provide an overview of multilateral risk communications during a pandemic.

By the end of the course, all participants will be able to fulfill the following learning objectives:

- Identify official sources of information for pandemic related information.
- Identify social centers where information is exchanged at the community level during a pandemic.
- Identify ways to provide accurate, appropriate, and accessible information that is critical for at-risk individuals during a pandemic using the Centers for Disease Control and Prevention's (CDC) Crisis and Emergency Risk Communication (CERC) principles.

Other Prerequisites:

NCDP assumes that those who will be taking the Awareness Level training do not necessarily possess prior job training and experience in pandemic risk communications. However, some basic awareness of disaster management principles is assumed.

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Health and Social Services
- Planning
- Public Information and Warning

Mission Area(s):

- Respond
- Recover

Discipline(s):

- Emergency Management
- Public Health

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

NTED

Course POC:

Thomas Chandler

POC Work Email: tec11@columbia.edu

POC Information: ncdptraining@columbia.edu

Course Link: <https://training.ncdpcourses.org/browse/wbt/pandemic-planning/courses/awr-424-w>

Course Active?: Yes

Tactical Response to Suicide Bombing Incidents, Mobile**AWR-426****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 0.8**Duration (in Days):** 1.0**Course Description:**

Tactical Response to Suicide Bombing Incidents (TRSBI), Mobile is a course that provides law enforcement tactical officers with knowledge to prevent and respond to suicide bombing incidents. Through lectures, discussions, and case studies, law enforcement tactical officers are presented with information on preventing, deterring, and mitigating the effects of a suicide bomber. In addition, course participants learn how to implement response strategies for active suicide bombers and post-blast incidents. The course culminates with a tabletop exercise where course participants can apply the knowledge they have gained throughout the course by practicing life-saving tactics, techniques, and procedures during a notional suicide bombing scenario.

Course Objectives:

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

- Recognize the suicide bombing threat and the variety of emerging tactics terrorists use to accomplish their objective.
- Recognize explosive characteristics, blast effects, and common military, commercial, and homemade explosives.
- Identify Suicide Bombing Improvised Explosive Devices (SBIEDs), their components, and their delivery methods.
- Apply appearance and behavioral indicators to determine reasonable suspicion and probable cause in a suicide bombing attack.
- Evaluate strategies to respond to person-borne or vehicle-borne improvised explosive device attacks.
- Identify response strategies needed to safely and effectively respond to post-blast events.
- Discuss the initial considerations of tactical officers during a suicide bombing incident and the implementation of non-linear tactics to defeat a suicide bomber.
- Demonstrate non-linear tactics during a tactical response to an active shooter/aggression suicide bomber tabletop exercise.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Interdiction and Disruption

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

- 203 -

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Tactical Response to Suicide Bombing Incidents, Customized**AWR-426-C****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Awareness**Delivery Type(s):** Conference or Symposium, Virtual**Duration (in Hours):** 1.5**Community Lifeline(s):** Safety and Security**Duration (in Days):** 1.0**Course Description:**

The Tactical Response to Suicide Bombing Incidents (TRSBI), Customized course provides law enforcement tactical officers with the knowledge to prevent and respond to suicide bombing incidents. Through discussions and case studies, law enforcement tactical officers are presented with information on preventing, deterring, and mitigating the effects of a suicide bomber. In addition, course participants learn how to implement response strategies for active suicide bombers and post-blast incidents. This course will be delivered in a conference format.

Course Objectives:

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

- Recognize the suicide bombing threat and the variety of emerging tactics terrorists use to conduct their attacks.
- Explain suicide terrorism and the threat it poses to the United States.
- Identify contemporary trends in suicide bombings.
- Recognize explosive characteristics, blast effects.
- Identify personal protective actions for officers when at an incident involving explosives.
- Define the concept of liability and qualified immunity as it pertains to law enforcement in a suicide bombing event.
- Describe the tactics and hazards associated when neutralizing a suicide bomber.
- Differentiate the criminal mindset from the terrorist mindset.
- Explain linear thinking and how disruptive behavior and tactics can defeat a suicide bombing event.
- Identify the initial tactical considerations officers must evaluate when responding to a suicide bombing event.

Other Prerequisites:

Participants for this course must be Law Enforcement - Tactical Officers. United States Citizenship

Primary Core Capability:

Interdiction and Disruption

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

NTED

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Cybercrime Insight and Introduction to Digital Evidence Identification

AWR-427

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security

Duration (in Days): 1.0

Course Description:

This course is designed to teach first responders the importance of digital evidence, where it is located, and how to collect it. While most first responders know computers, tablets, and cell phones may contain digital evidence, they may not have an understanding of how to properly seize and secure digital evidence. Furthermore, first responders may not be aware of other devices or locations where digital evidence may be found. This course will ensure first responders are cognizant of the multiple devices that may contain digital evidence, as well as the many locations, such as email, internet service providers, cloud storage providers, and location data from GPS/ maps on mobile devices stored by software providers.

Course Objectives:

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

- Cybercrime and Digital Forensics Overview - Jurisdiction and Legal Aspects
- Introduction to Digital Data and Storage Systems
- Digital Evidence Collection
- Introduction to Networking and Data Collection
- Cybercrime in Real Life

Other Prerequisites:

There are no prerequisites for this course.

Primary Core Capability:

Forensics and Attribution

Secondary Core Capability(s):

- Cybersecurity

Mission Area(s):

- Recover

Discipline(s):

- Emergency Management
- Law Enforcement
- Information Technology
- Security and Safety
- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Natalie Sjelin

POC Work Phone: 210-458-2168

NTED

POC Information: Jimmy NoblesJWNobles@CJl.edu501-570-8058

Course Link: <https://cybersecuritydefenseinitiative.org/cdi-courses/>

Course Active?: Yes

Practical Internet of Things Security

AWR-428

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 16.0

Community Lifeline(s): Safety and Security

Duration (in Days): 2.0

Course Description:

This course will introduce the learner to Internet of Things (IoT) concepts, systems, considerations, and security issues. A practical exercise is included for student to practice research on IoT systems using standard tools and leverage that research to interact with a vulnerable system.

Course Objectives:

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

- Learners will be able to describe concepts related to IoT communication
- Learners will be able to describe data collection methods by IoT devices
- Learners will be able to describe the process used by threat actors to attack IoT devices and services.
- Learners will be able to describe methods for defending IoT systems

Other Prerequisites:

None

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Health
- Public Works
- Information Technology
- Security and Safety

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Natalie Sjelin

POC Work Phone: 210-458-2168

POC Work Email: natalie.sjelin@utsa.edu

POC Information: Catherine Mercercmercer1@northtexas.edu

NTED

Course Link: <https://www.nationalcpc.org/course/coming-soon-practical-internet-of-things-iot-security/>

Course Active?: Yes

Remote/Home Office Cybersecurity Preparedness**AWR-431-W****Training Provider:** The University of Arkansas, Criminal Justice Institute**Course Level:** Awareness**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 6.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 0.6**Duration (in Days):****Course Description:**

The Remote Home Office Cybersecurity Preparedness Training course provides users with general knowledge of complex cyberattacks and prepares remote home users to identify and manage emerging cybersecurity threats. This course addresses the unique vulnerabilities in the remote working environment and the systems software, hardware, and applications used to support remote workers. The course also covers user awareness of cyber hygiene for remote home office workers and the workplace.

Course Objectives:

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

- Explain the security challenges of remote work arrangements (i.e., Company Office, Remote Work, Hybrid Working Arrangement).
- Explain examples of attack vectors.
- Explain examples of attack surfaces.
- Explain commonly targeted devices and associated protective controls.
- Explain various ways to protect remote assets.
- Explain examples of social engineering techniques and steps to prevent becoming a victim.
- Explain examples of cyber hygiene best practices.

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Prevent
- Protect
- Mitigation

Discipline(s):

- Governmental Administrative
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 5015708058

NTED

POC Work Email: JWNobles@CJI.EDU

POC Information: <https://teex.org/class/awr431/>

Course Link: <https://teex.org/class/awr431/>

Course Active?: Yes

Integrating Cyber Hazard Response into Exercise Planning**AWR-432****Training Provider:** The University of Arkansas, Criminal Justice Institute **Course Level:** Awareness**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Health and Medical, Communications, Transportation**Duration (in Days):** 1.0**Course Description:**

This course is designed to teach exercise planners the importance of incorporating cyber into all hazard emergency management. While most exercise planners know cyber-hazards exists, they may have not been taught how to incorporate those hazards into their exercise planning. Furthermore, exercise planners may not know the extent to which cyber hazards impact critical infrastructure. This course will ensure exercise planners are aware of the hazards related to cyber-enabled threats and how to address those hazards within their exercises.

Course Objectives:

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

- Describe the purpose and types of exercises
- Understand Homeland Security Exercise and Evaluation Program (HSEEP), Threat Hazard Identification and Risk Assessment (THIRA), and Stakeholder Preparedness Review (SPR)
- Describe and discuss Cyber as a hazard including current threat landscape for SLTT
- Incorporate cyber events into exercises
- Understand the importance of adding cyber exercises to exercise program

Other Prerequisites:

Participants should have basic knowledge of the role of exercises in emergency management functions, plans, mitigation, preparedness, response and recovery.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Cybersecurity

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Health Care
- Public Safety Communications
- Public Works
- Information Technology
- Security and Safety
- Transportation

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Participation

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

POC Information: Michael Slack, mslack@norwich.edu

Course Link: <https://www.nationalcpc.org/course/integrating-cyber-hazard-response-into-exercise-planning/>

Course Active?: Yes

Management Courses

Community Cybersecurity Preparedness Simulation

MGT-301

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security

Duration (in Days): 1.0

Course Description:

This course is designed to simulate a community-wide cyber event. Using a gamification approach, participants will strategize with a diverse group of stakeholders to plan for and respond to a cybersecurity incident that could have cascading effects across a community. Specifically, this course is designed to assist leaders and managers with cybersecurity preparedness. It will enable participants to apply cybersecurity planning strategies to enhance their community and/or organizational cybersecurity program.

Course Objectives:

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

- Explain the dynamics of a community cyber-attack
- Select cybersecurity functions and outcomes to improve organizational and community cybersecurity resiliency
- Describe strategies that can be utilized to identify, protect, detect, respond and recover from cyberattacks
- Develop an action plan to enhance organizational and community cybersecurity preparedness

Other Prerequisites:

None

Primary Core Capability:

Planning

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Public Health
- Public Works
- Information Technology
- Security and Safety

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

NTED

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

POC Information: Natalie Sjelin; natalie.sjelin@utsa.edu; 210-458-2119

Course Link: <https://www.nationalcpc.org/course/mgt-301/>

Course Active?: Yes

Cybersecurity Vulnerability Assessment**MGT-303**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 16.0

Community Lifeline(s): Safety and Security, Energy, Water Systems

Continuing Education Units:
IACET: 1.6

Duration (in Days): 2.0

Course Description:

The Cybersecurity Vulnerability Assessment course is designed to address specific technical and professional skills needed to assess, document, remediate, and report on cybersecurity vulnerability assessments within organizations through a series of lectures and hands-on activities. Activities include examining, analyzing, and prioritizing assets, risks, and vulnerabilities to develop a vulnerability assessment report that could be delivered to organizational leadership. This course utilizes active discussions and activities to extend the participant's understanding of vulnerability assessments.

Course Objectives:

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

- Explain the elements of a vulnerability management program.
- Conduct an asset inventory.
- Prioritize assets based on risk severity and other factors.
- Analyze a vulnerability assessment scan.
- Identify corrective actions based on vulnerability scan results.
- Develop a vulnerability assessment report.

Other Prerequisites:

A working knowledge of computers and networking is necessary to benefit from this course. Recommended training: AWR-173-W Information Security

Basics <https://teex.org/class/awr173/AWR-395-W> Cybersecurity in the Workplace <https://teex.org/class/awr395/>

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Access Control and Identity Verification
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

- Governmental Administrative
- Information Technology
- Security and Safety
- Other

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4837

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Cyber Training Manager Bart TaylorBart.Taylor@teex.tamu.edu979-500-6753https://teex.org/class/mgt303/

Course Link: <https://teex.org/class/mgt303/>

Course Active?: Yes

Sport and Special Event Staff Training and Development**MGT-304****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Communications, Transportation**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

Sport and special event staff members are essential for the overall success of the event through enforcement of safety regulations, crowd management and control, emergency response, and security measure implementation. Their presence and vigilance help prevent incidents and ensure the well-being of all involved. This course brings together first responders, government, and commercial facilities personnel to improve safety and security training and development programs for stakeholders assigned to and responsible for public safety at sporting and special events.

Course Objectives:

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

- Determine staff training and development needs and principles for sport and special events.
- Analyze the administrative framework for sport and special events.
- Develop staff management and retention strategies for sport and special events.
- Evaluate communication and training needs to increase sport and special event staff capability.
- Assemble successful training design and development techniques.
- Formulate an effective exercise implementation and evaluation program.
- Create a training program for a given scenario utilizing the ADDIE model.

Other Prerequisites:

None. Recommended Training: AWR-167 - Sport and Special Event Risk Management and Planning <https://ncs4.usm.edu/training/dhs-fema-courses/awr-167-sport-event-risk-management-and-planning/>

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
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

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

NTED

- Public Health
- Public Safety Communications
- Security and Safety
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Partner USM/National Center for Spectator Sports Safety and Security (NCS4)

POC Work Phone: 601-266-5999

POC Work Email: NCS4Train@usm.edu

POC Information: USM/National Center for Spectator Sports Safety and Security

(NCS4)NCS4train@usm.edu601-266-4696<https://ncs4.usm.edu/training/dhs-fema-courses/mgt-304-sport-and-special-event-staff-training-and-development/>

Course Link: <https://ncs4.usm.edu/training/dhs-fema-courses/mgt-304-sport-and-special-event-staff-training-and-development/>

Course Active?: Yes

Enterprise Risk Management: A Collaborative Community Mitigation Effort at Institutions of Higher Education

MGT-307

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material

Continuing Education Units:
IACET: 0.8

Duration (in Days): 1.0

Course Description:

Enterprise Risk Management (ERM) is crucial for organizations because it provides a structured and comprehensive approach to identifying, assessing, managing, and mitigating risks that can impact the achievement of an organization's goals and objectives. ERM allows organizations to view risk holistically, considering all potential risks across different areas of the business. This approach helps organizations identify interdependencies between risks and make informed decisions that take into account the broader impact on the organization's goals. This has been greatly amplified by the COVID-19 pandemic, which caused many institutions of higher education to pivot to remote work and address multiple new risks posed to their organizations.

Given the complexity of risks faced by higher education institutions, specialized ERM training is essential. This training equips staff and administrators with the skills to implement effective risk management strategies tailored to the education sector. The desired outcome of this training is that community leaders and first responders understand and have the basic knowledge, skills and abilities (KSAs) in Enterprise Risk Management (ERM) and conducting an annual risk assessment. The training is expected to impact state and local communities' ability to develop an Enterprise Risk Management (ERM) Committee and conduct a thorough annual risk assessment.

Course Objectives:

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

- Explain the benefits of enterprise risk management as it relates to institutions of higher education.
- Explain strategies that can be leveraged to reduce the impact of operational risk on an institution of higher education's ongoing management processes.
- Explain strategies that can be leveraged to reduce the impact of financial risk on an institution of higher education's ongoing management processes.
- Explain strategies that can be leveraged to reduce the impact of strategic risk on an institution of higher education's ongoing management processes.
- Explain strategies that can be leveraged to reduce the impact of compliance risk on an institution of higher education's ongoing management processes.
- Explain strategies that can be leveraged to reduce the impact of reputational risk on an institution of higher education's ongoing management processes.
- Explain the role of an ERM Committee in identifying, assessing, and mitigating risks that could

impact an institution of higher education.

Other Prerequisites:

None

Primary Core Capability:

Risk Management for Protection Programs and Activities

Secondary Core Capability(s):

- Community Resilience
- Long-term Vulnerability Reduction
- Operational Coordination
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Law Enforcement and Protective Services

POC Work Phone: 800-423-8433

POC Work Email: LAW@TEEX.tamu.edu

POC Information: LAW@teex.tamu.edu 800-423-8433 <https://teex.org/class/mgt307/>

Course Link: <https://teex.org/class/mgt307/>

Course Active?: Yes

Responding Effectively to Complex Incidents**MGT-308****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 1.6**Duration (in Days):** 2.0**Course Description:**

Complex incidents are particularly challenging to manage because they often evolve rapidly, involve significant hazards, and/or require innovative solutions. This course discusses how to overcome the unique challenges that complex incidents present. Topics include the need to rapidly recognize the incident's magnitude and cooperate with other commanders, strategies for promoting inter-disciplinary collaboration before an incident occurs, strategies for deconflicting competing priorities, how and when to establish a Unified Command, and how and when to transfer command.

Course Objectives:

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

Explain what initial steps leaders must take to effectively respond to an incident.

Apply strategies to resolve the challenges and conflicts that may arise when multiple disciplines are involved in an incident.

Operate within a Unified Command (UC) structure to effectively respond to complex incidents.

Demonstrate an effective transfer of command and a Unified Command (UC) briefing.

Other Prerequisites:

There are no required pre-requisites for this course. Participants are strongly encouraged to have successfully completed the following courses: Introduction to the Incident Command system, ICS 100 (IS-100-C), Basic Incident Command System for Initial Response, ICS-200 (IS-200-C), Intermediate Incident Command System for Expanding Incidents, ICS 300 (E/L/G 300), An introduction to the National Incident Management System (IS-700-B), National Response Framework, An Introduction (IS-800-D)

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Mass Search and Rescue Operations
- Operational Coordination
- Public Health, Healthcare, and Emergency Medical Services
- Fire Management and Suppression

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

ESTI Emergency Services Training Institute

POC Work Phone: 866-878-8900

POC Work Email: esti@teex.tamu.edu

POC Information: George Glenn george.glenn@teex.tamu.edu 979-500-6773 <https://teex.org/class/mgt308/>

Course Link: <https://teex.org/class/mgt308/>

Course Active?: Yes

Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review

MGT-310

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 16.0

Community Lifeline(s): Safety and Security, Communications

Continuing Education Units:
IACET: 1.5

Duration (in Days): 2.0

Course Description:

Communities use the THIRA to better understand their risks and determine the level of capability needed to address those risks. Communities then use the SPR to estimate their current capabilities, identify gaps and their intended approaches for addressing them, and assess the impact of relevant funding sources.

This course introduces the six-step THIRA/SPR process, including identifying threats and hazards that stress a community's response capabilities, giving those threats and hazards context and the associated impacts consistent with specific factors, addressing and analyzing specific capability targets, assessing and describing a current capability level, identifying and addressing capability gaps and a subsequent strategy for solutions using the POETE (Planning, Organization, Equipment, Training, and Exercises) Solution Cycle, and assessing and describing the impact of funding sources would have in the community.

Course Objectives:

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

- Summarize the Threat and Hazard Identification and Risk Assessment (THIRA) and Stakeholder Preparedness Review (SPR) process, the Federal guidelines, THIRA/SPR reporting requirements and the benefits of conducting a community-based THIRA/SPR.
- Identify specific threats and hazards to the community by applying principles and concepts related to threat and hazard identification groups, and the factors to consider for threat and hazard groups.
- Write a context statement based on the completion of an impact worksheet that will identify the threat and hazard that most challenge a single core capability.
- Develop core capability target statements which describe the level of capability a community plans to achieve for each of the 32 core capabilities.
- Assess current capability levels and how community capabilities have changed over the last year.
- Articulate capability gaps and a subsequent approach for addressing gaps and sustainment needs using the POETE (Planning, Organization, Equipment, Training, and Exercises) Solution Cycle.
- Develop an understanding of the Federal funding sources and programs that might assist in addressing the identified gaps, and how previous funding sources impacted the community's ability to address capability gaps and sustainment needs.
- Produce a THIRA and SPR using the Whole Community Input Form.

Other Prerequisites:

Recommended courses, but not required: IS-700.A: National Incident Management System IS-

800.C: National Response Framework, an Introduction· IS-235.C: Emergency Planning· IS-2000: National Preparedness Goal and System Overview· IS-2500: National Prevention Framework, an Introduction· AWR-213: Critical Infrastructure Security and Resilience Awareness· AWR-160-W: WMD/Terrorism Awareness for Emergency Responders· MGT-418: Readiness: Training Identification and Preparedness Planning

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Community Resilience
- Long-term Vulnerability Reduction
- Planning
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Law Enforcement and Protective Services

POC Work Phone: 800-423-8433

POC Work Email: LAW@TEEX.tamu.edu

POC Information: <https://teex.org/class/MGT310/ilepse@teex.tamu.edu>

Course Link: <https://teex.org/class/MGT310/>

Course Active?: Yes

Senior Officials Workshop for All Hazards Preparedness**MGT-312****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 6.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Continuing Education Units:**
General: 0.6**Duration (in Days):** 1.0**Course Description:**

This course provides a forum to discuss strategic and executive-level issues related to all-hazard disaster preparedness, to share proven strategies and best practices, and to enhance coordination among officials responsible for emergency response and recovery from a disaster. Delivered in a workshop format the course integrates a multimedia scenario and vignettes that highlight key issues and facilitates executive-level discussion of the United States National Strategy for Homeland Security. Additionally, the forum provides an opportunity to apply lessons learned from past local and national all-hazards disasters.

The course includes seven distinct modules incorporating lecture, discussion, and a practical exercise. Each module focuses on a key component of disaster preparedness, such as Culture of Preparedness, Integrated Partnerships, Organizing for Success, Crisis Communications and Recovery. Within the various modules are opportunities for group interaction and discussion. The final module of the course is designed to provide the participants the opportunity to develop an action plan or to-do list for follow-up consideration and action.

The courses practical exercise consists of an expanding incident, designed specifically to address the local community's needs or concerns. Participants are provided information and periodic updates, after which they are given a list of questions to consider and discuss. Through these updates, the incident builds upon itself until it reaches a mass casualty/catastrophic level, thereby overwhelming the normal capabilities of the local jurisdiction and challenging the participants to consider their local policies, resources, and limitations.

This workshop provides a unique opportunity for local or regional leaders to share strategies and coordinate plans for emergency preparedness and response. This workshop is an effective process for discussing executive-level issues amongst leaders from the various agencies and partners involved in all levels of the emergency management structure.

Course Objectives:

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

- Recognize the process and objectives of whole community preparedness.
- Consider the value of establishing operational structures that integrate all critical stakeholders
- Recognize the benefit of developing and delivering effective public information and warning to the whole community
- Explain the recovery continuum and the role and responsibilities community stakeholders have in developing and implementing effective recovery plans.
- Assess your ability to respond to a locally relevant scenario utilizing current plans and policies.
- Create an action plan to address key areas of concern identified during the workshop.

Other Prerequisites:

None

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Economic Recovery
- Mass Care Services
- Planning
- Public Information and Warning
- Threats and Hazard Identification

Mission Area(s):

- Common

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Executive Programs

POC Work Phone: 979-500-6823

POC Work Email: execprograms@teex.tamu.edu

POC Information: TEEX Executive Program execprograms@teex.tamu.edu 979-500-6823 <https://teex.org/class/mgt312/>

Course Link: <https://teex.org/class/MGT312/>

Enhanced All-Hazards Incident Management/Unified Command**MGT-314****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Residential**Duration (in Hours):** 28.0**Community Lifeline(s):** Safety and Security, Health and Medical, Communications**Continuing Education Units:**
IACET: 2.8**Duration (in Days):** 3.5**Course Description:**

This 28-hour course, Enhanced All-Hazards Incident Management / Unified Command, focuses on incident management skills, staff responsibilities, and the related situational awareness and decision-making skills using a computer-driven training simulation to offer a challenging decision-making environment in an all-hazards scenario. The course focuses on the Incident Command Post (ICP) and the key decision-making requirements within that response node. Participants learn from the cause and effects of incident decisions while working in an ICP using a simulated, notional jurisdiction. This course focuses on three primary processes: planning, resource management, and information management. There are four rigorous, computer-driven emergency response exercises designed to hone both individual and team-building decision-making and incident management skills.

This course is a resident course delivered at the TEEX Emergency Operations Training Center (EOTC) in College Station, TX.

Course Objectives:

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

- Create an Incident Action Plan (IAP) employing the incident action planning process.
- Manage situational awareness at an Incident Command Post (ICP).
- Manage information internal and external to the ICP.
- Establish a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders in support of a large-scale incident.
- Create public information messages to effectively relay information regarding the incident response, the actions being taken by responders, applicable warnings, and the assistance being made available during the response to an incident.
- Manage resources in support of a large-scale incident that impacts the community.
- Manage all financial aspects of response including records administration and cost analysis.
- Manage logistical operations including identifying necessary facilities and resources and completing ICS 213 Resource Request (213 RR) forms.
- Modify current incident objectives as necessary.

Other Prerequisites:

Participants must be responders, supervisors, or managers in the emergency responder disciplines/services in the target audience and possess a working knowledge of the ICS (i.e., complete the Federal Emergency Management Agency (FEMA) intermediate ICS or higher course

or an equivalent incident management unified command course). Experience and job position will be considered. It is recommended that participants complete the following training: FEMA Independent Study course can be found at <https://training.fema.gov/is/crslist.aspx?lang=en>

- IS-100.C: Introduction to the Incident Command System, ICS 100
- IS-200.C: Basic Incident Command System for Initial Response
- IS-700.B: An Introduction to the National Incident Management System

In person available through FEMA EMI, TEEX/NERRTC or state level: Intermediate Incident Command System for Expanding Incidents, ICS 300(E/L/G 0300) Advanced Incident Command System for Complex Incidents, ICS 400 (E/L/G 0400)

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Operational Communications
- Operational Coordination
- Public Information and Warning
- Situational Assessment

Mission Area(s):

- Protect
- Respond
- Common

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Enhanced Incident Management Training Manager

POC Work Phone: 979-500-6831

POC Work Email: Ronald.Fraider@TEEX.tamu.edu

POC Information: TEEX Enhanced Incident Management Training Manager, Ronald

Fraider Ronald.Fraider@teex.tamu.edu 979-500-6831 For more information on the course, please visit: <https://teex.org/class/MGT314/>

Course Link: <https://teex.org/class/mgt314/>

Course Active?: Yes

Conducting Risk Assessments for Critical Community Assets**MGT-315****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Energy**Continuing Education Units:**
IACET: 1.5**Duration (in Days):** 2.0**Course Description:**

The purpose of this course is to help prevent, reduce, or mitigate the potential consequences of a domestic terrorist attack, natural catastrophe, or other emergency using all-hazards scenarios to identify critical community asset risks and their potential impacts to a community. The information gained through the application of these training concepts may be used to develop appropriate action plans to reduce consequences and manage risks. This course provides training to assist emergency responders and other local stakeholders (operating as a multidisciplinary team) in analyzing existing security measures and formulating a strategy for mitigation.

Course Objectives:

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

- Explain the concepts of risk.
- Complete a threat/hazard assessment for a community critical asset.
- Develop the knowledge, skills, and abilities needed to work as a member of an assessment team to identify vulnerabilities of community-critical infrastructure.
- Complete a consequence assessment for a given asset within the community.
- Apply managing risk concepts for community assets.
- Discuss mitigation concepts.
- Perform a risk assessment of a given community asset.

Other Prerequisites:

None.

Primary Core Capability:

Risk and Disaster Resilience Assessment

Secondary Core Capability(s):

- Planning
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Mitigation

Discipline(s):

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

NTED

- Public Safety Communications
- Public Works
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Law Enforcement and Protective Services

POC Work Phone: 800-423-8433

POC Work Email: LAW@TEEX.tamu.edu

POC Information: <https://teex.org/class/mgt315/>

Course Link: <https://teex.org/class/mgt315/>

Course Active?: Yes

Disaster Management for Public Services and Public Works**MGT-317****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 16.0**Community Lifeline(s):** Food, Hydration, Shelter, Communications**Continuing Education Units:**
General: 1.6**Duration (in Days):** 2.0**Course Description:**

Public services and public works play a vital role in disaster management. Public services safeguard communities and minimize the impacts of incidents. The mission of public works agencies across the country is to construct, maintain, and protect our Nation's public infrastructure and facilities. Consequently, disaster management efforts need to be integrated between critical infrastructure, emergency management, and support personnel. Clear communication and coordination between utilities, transportation, fire, public safety, city planning/urban development, public health, and local, state, and federal emergency management officials ensure an effective and resilient response and recovery.

Upon successful completion of this course, participants will be able to implement techniques that identify, prepare for, respond to, and recover from incidents that threaten public services and public works.

Course Objectives:

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

1. Assess hazards that have the potential to threaten the reliability of public services and public works.
2. Utilize strategies that support resource management, planning, and training in preparation for incidents affecting public services and public works.
3. Plan for disasters using available federal guidance and other strategies.
4. Administer mitigation strategies that protect public services and public works.
5. Assess how Community Lifelines contribute to the stabilization of critical infrastructure during response.
6. Implement disaster recovery strategies that contribute to the resilience of public services and public works.

Other Prerequisites:

None. Recommended: Successful completion of IS-100PWb, IS-200, and IS-700 are expected, but

not required. Completion of IS-800 is also recommended.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Health and Social Services
- Intelligence and Information Sharing
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Logistics and Supply Chain Management
- Public Information and Warning
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Governmental Administrative
- Public Works
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Infrastructure Training and Safety Institute

POC Work Phone: 800-723-3811

POC Work Email: itsi@teex.tamu.edu

POC Information: <https://teex.org/class/mgt317/>

Course Link: <https://teex.org/class/mgt317/>

Course Active?: Yes

Public Information in an All-Hazards Incident**MGT-318****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Continuing Education Units:**
General: 1.6**Duration (in Days):** 2.0**Course Description:**

This course examines the role of public information in 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 (PIO) are prepared to communicate with the public through traditional and social media. This course focuses on the role of public information in all-hazards incident management; the information needs of the press and public in a crisis; and strategies for planning, conducting, and managing the public information effort during a crisis event.

Course Objectives:

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

1. Participants will be able to design a Joint Information Center (JIC) utilizing National Incident Management System (NIMS) guidance.
2. Participants will be able to explain the need to establish relationships with the public and the methods to effectively communicate with them.
3. Participants will be able to investigate the role social media plays in disseminating information and the potential it holds for facilitating disaster preparedness, response, and recovery efforts.
4. Participants will be able to communicate effective public information and warning messages.
5. Participants will be able to create public information messages for different phases of the crisis communication life cycle in accordance with the Crisis Communications Plan (CCP).

Other Prerequisites:

None

Primary Core Capability:

Public Information and Warning

Secondary Core Capability(s):

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

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Common

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

Shawn K. Mecham

POC Work Phone: 979-500-6827

POC Work Email: shawn.mecham@teex.tamu.edu

POC Information: Shawn

Mechamshawn.mecham@teex.tamu.edu <https://teex.org/class/mgt318/> *Students will register for this course using the TEEX Student Portal Link assigned to a specific jurisdiction. The jurisdiction points of contact will distribute the OLR Link to invited participants.

Course Link: <https://teex.org/class/mgt318/>

Course Active?: Yes

Medical Countermeasures: Points of Dispensing (POD), Planning and Response**MGT-319****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Health and Medical**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

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

Course Objectives:

At the end of this course, 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 medical countermeasures
- Identify the different POD models and standards for selecting POD locations
- Apply the POD command structure for initial planning, execution, and demobilization of a jurisdictional response in POD operations
- Demonstrate the essential functions of POD setup and operations
- Identify the planning and training needs to operate a POD site
- Discuss the concerns of the community jurisdictional medical countermeasures plan

Other Prerequisites:

None:Not required, but recommended participants complete the following courses to have a better understanding of the Incident Command System (ICS):IS-100.C: An Introduction to Incident Command System, ICS-100;IS-200.C: Basic Incident Command System for Initial Response;IS-700.B: An Introduction to the National Incident Management System;It is also recommended that participants complete WMD/Terrorism Awareness for Emergency Responders (AWR-160-W) and Medical Countermeasures Awareness for Public Emergencies (AWR-314) available online (<https://www.teex.org/nerrtconline>).

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Prevent
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services

NTED

- Fire Service
- Governmental Administrative
- Law Enforcement
- Health Care
- Public Health
- Public Works
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Emergency Medical Services / Public Health Program

POC Work Phone: 979-500-6836

POC Work Email: emsph@teex.tamu.edu

POC Information: <https://teex.org/class/mgt319/>

Course Link: <https://teex.org/class/mgt319/>

Course Active?: Yes

Campus Emergencies Prevention, Response, and Recovery**MGT-324****Training Provider:** Louisiana State University**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Continuing Education Units:** General: 1.6**Duration (in Days):** 2.0**Course Description:**

This course aims to train personnel from PK-12 schools and institutions of higher education (IHEs), first responders, elected officials, and community stakeholders to respond to campus emergencies effectively and cooperatively. Participants will examine successful, nationally accepted emergency management principles that can be used to address the wide range of threats and hazards that educational entities face. These threats include active shooter/threat incidents, natural disasters, contagious outbreaks, and technological hazards.

During the course, participants will discuss emergency planning considerations, the importance of an integrated response to campus emergencies, and communications and recovery issues that need to be addressed. The course consists of practical, problem-based, integrated group activities that require a coordinated, integrated approach. As they engage in tabletop scenarios, course participants will observe a developing incident and respond in a manner consistent with currently established campus (PK-12 and IHE) and jurisdictional emergency operations procedures.

This course is supported by a wide variety of interactive discussions and activities, including two table top simulated campus emergency activities spanning a total of 3.5 hours. These simulations encourage participants to examine the state of their institutions' emergency preparedness and to establish relationships that support future response.

Course Objectives:

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

- Describe how this course will benefit them
- Assess threats and hazards in the campus community
- Describe the process and key components of developing campus emergency plans
- Describe the importance of planning, training, coordinating, exercising, and integrating personnel and operations in response to a campus emergency
- Use the Incident Command System (ICS) to integrate and coordinate a response to a campus emergency
- Summarize the critical role of communications during an emergency
- Identify practical strategies to address recovery issues following a campus emergency
- Describe how an all-hazards approach is required to successfully prevent, respond to, and recover from a campus emergency
- Explain the value of being prepared as a campus to respond to emergencies

Other Prerequisites:

Participants must be US citizens and have FEMA student identification numbers with them on the first day of class.

Primary Core Capability:

Operational Coordination

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

POC Work Phone: 877-829-8550

POC Work Email: jgueno@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/mgt-324.php>

Course Active?: Yes

Campus Emergencies: Prevention, Response, and Recovery - Customized

MGT-324-C

Training Provider: Louisiana State University

Course Level: Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 8.0

Continuing Education Units: General: 0.8

Duration (in Days): 1.0

Course Description:

This course aims to train personnel from PK-12 schools and institutions of higher education (IHEs), first responders, elected officials, and community stakeholders to respond to campus emergencies effectively and cooperatively. Participants will examine successful, nationally accepted emergency management principles that can be used to address the wide range of threats and hazards that educational entities face. These threats include active shooter/threat incidents, natural disasters, contagious outbreaks, and technological hazards.

During the course, participants will discuss emergency planning considerations, the importance of an integrated response to campus emergencies, and communications and recovery issues that need to be addressed. The course consists of practical, problem-based, integrated group activities that require a coordinated, integrated approach. As they engage in tabletop scenarios, course participants will observe a developing incident and respond in a manner consistent with currently established campus (PK-12 and IHE) and jurisdictional emergency operations procedures.

This course is supported by a variety of interactive discussions and a tabletop simulated campus emergency activity spanning a total of 2 hours. This simulation encourages participants to examine the state of their institutions' emergency preparedness for an active shooter incident and to establish relationships that support future response.

Course Objectives:

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

- Describe how this course will benefit them
- Assess threats and hazards in the campus community
- Describe the process and key components of developing campus emergency plans
- Use the Incident Command System (ICS) to integrate and coordinate a response to a campus emergency
- Summarize the critical role of communications during an emergency
- Identify practical strategies to address recovery issues following a campus emergency
- Describe how an all-hazards approach is required to successfully prevent, respond to, and recover from a campus emergency
- Explain the value of being prepared as a campus to respond to emergencies

Other Prerequisites:

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

Primary Core Capability:

Operational Coordination

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Security and Safety
- Education

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: jgueno@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/mgt-324-c.php>

Course Active?: Yes

Developing Emergency Management Programs within Tribal Nations**MGT-326**

Training Provider: Columbia University, National Center for Disaster Preparedness

Course Level: Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 7.0

Community Lifeline(s): Food, Hydration, Shelter, Health and Medical, Communications

Duration (in Days): 1.0

Course Description:

This course focuses on developing and improving emergency management programs within Tribal Nations. It reviews the unique challenges faced by Tribal Nations in emergency preparedness and response, and the opportunities to integrate Tribal knowledge and resiliency into these programs. Participants will gain practical insights into crafting effective Emergency Operations Plans, leveraging Incident Command Systems, fostering collaboration with internal and external partners, and synthesizing the key components for building resilient emergency management programs tailored to Tribal Nations' cultural contexts.

Course Objectives:

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

- Synthesize the components for building a solid and effective emergency management program within Tribal Nations.
- Analyze the needs for emergency response within Tribal Nations.

Other Prerequisites:

It is recommended, but not required, that course participants have previous experience with disaster management principles.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Operational Communications
- Operational Coordination

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Other

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Thomas Chandler

NTED

POC Work Phone: 201-450-3211

POC Work Email: tec11@columbia.edu

POC Information: ncdptraining@columbia.edu

Course Active?: Yes

Event Security Planning for Rural Communities**MGT-335****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Communications**Duration (in Days):** 2.0**Course Description:**

This is a two-day, 16-hour, management-level course designed to help participants understand the components used when planning for security at events conducted in small, rural, and remote communities. These modules will cover event security planning components, creating a written security plan, conducting risk assessments using the THIRA approach, information and intelligence analysis, event security logistics and staffing considerations, Incident Command and the role of the Public Information Officer, media relations, and best practices for security briefings.

Course Objectives:

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

Module 1:

At the conclusion of this module, participants will be able to state the course purpose, goals and objectives, explain how first responders and community stakeholders need to work collaboratively in event security planning.

Module 2:

At the conclusion of this module, participants will be able to determine the benefits of developing a well-organized, thorough security plan. Participants will also be able to outline the key components of event security planning as well as local stakeholders that should be involved in the overall planning process.

Module 3:

At the conclusion of this module, participants will be able to identify and manage risks associated with a planned event. They will use a comprehensive assessment process to evaluate threats/hazards, vulnerabilities and impact/consequences.

Module 4:

At the conclusion of this module, participants will be able to explain why gathering and analyzing information and intelligence prior to an event is a key element of security planning. They will also be able compare the categories of intelligence, the six phases of the intelligence cycle, and

identify information sources available to prevent and mitigate threats and risks.

Module 5:

Upon completion of this module, participants will be able to explain common security activities for planned events, and identify planning considerations for each type of activity and types of plans and procedures that should be addressed in the security plan.

Module 6:

Upon completion of this module, participants will be able to determine the need for staffing and additional resources (e.g., equipment, vehicles, event management software, etc.) to accomplish critical security tasks at their local planned events. Participants will also be able to evaluate options for acquiring internal and external resources regarding key logistical components.

Module 7:

Upon completion of this module, participants will be able to explain the benefits of using ICS in event security planning and operations. They will also be able to describe the responsibilities of the PIO including how social media can be used to disseminate both general and security related information to the public, before and during an event.

Module 8:

Upon completion of this module, participants will be able to explain the importance of having a written security plan for planned events. They will also be able to list some basic sections of a plan, and the types of information to include within each. Finally, participants will be able to identify the local community stakeholders they should include on their briefing teams.

Module 9:

Participants will act as part of an event security committee and will be able to analyze situational and security requirements to formulate an event security plan and provide a briefing on the plan based on a given scenario.

Other Prerequisites:

Participants must be U.S. citizens. Foreign nationals may apply to DHS to attend on a case-by-case basis. Prior to attending this course, it is recommended (NOT required) that prospective participants complete the courses listed below:

- IS-100.C: Introduction to the Incident Command System,
- <https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c&lang=en>
- IS-700.B: An Introduction to the National Incident Management System,
- <https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b%20&lang=en>

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 and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Protect

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Informationhttps://ruraltraining.org

Course Link: <https://ruraltraining.org/course/mgt-335/>

Course Active?: Yes

Event Security Planning for Public Safety Professionals**MGT-335-W****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Management**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Duration (in Days):****Course Description:**

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

Course Objectives:

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

Terminal Learning Objective (TLO) - Students will be able to outline the components of planned events and relate them to event security planning. In addition, students will be able to identify and explain the roles and responsibilities of the event security planner and committee in the execution of a planned event.

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS. Recommended NOT required IS 700 and ICS 100.

Primary Core Capability:

Physical Protective Measures

Secondary Core Capability(s):

- Access Control and Identity Verification
- Intelligence and Information Sharing
- Operational Coordination

NTED

- Physical Protective Measures
- Planning
- Public Information and Warning
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

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POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Link: <https://ruraltraining.org/course/mgt-335-w/>

Course Active?: Yes

Crisis Leadership**MGT-340****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Communications**Continuing Education Units:**
General: 0.4**Duration (in Days):** 0.5**Course Description:**

The Crisis Leadership seminar is an executive-level presentation for the nation's senior officials at the city, county, region, territory, tribal, and state levels. Seminar participants will discuss 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, technological, and human-caused disasters.

The seminar is a facilitated, free-flowing discussion of the stresses of crisis leadership and decision-making gained from an examination of a selected case study of a catastrophic event. The seminar uses the case study to frame the discussion on ways to overcome leadership challenges before, during and after an incident. The final outcome of the seminar is the development of individual and/or jurisdictional action plans to guide improvement of emergency preparedness, response and recovery actions.

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
- Recognize the importance of rapid and accurate communication/information flow as a pivotal function of leadership in a crisis
- Develop an action plan to capitalize on the lessons learned from the case study by relating them to the local jurisdiction

Other Prerequisites:

None. In order to effectively participate in the discussion, all attendees should read the case study provided prior to attending the seminar.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Operational Coordination
- Public Information and Warning
- Situational Assessment

Mission Area(s):

- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Executive Programs

POC Work Phone: 979-500-6823

POC Work Email: execprograms@teex.tamu.edu

POC Information: <https://teex.org/class/mgt340>

Course Link: <https://teex.org/class/mgt340/>

Course Active?: Yes

Disaster Preparedness for Healthcare Organizations within the Community Infrastructure

MGT-341

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 16.0

Community Lifeline(s): Safety and Security, Food, Hydration, Shelter, Health and Medical, Communications, Hazardous Material

Continuing Education Units:
IACET: 1.6

Duration (in Days): 2.0

Course Description:

This management level course is designed to bring together individuals from the healthcare community who are responsible for ensuring the resiliency of healthcare services during high consequence or catastrophic events within a jurisdiction. Through a focus on preparedness processes and activities, this course provides an opportunity for participants to acquire the knowledge and skills necessary to help them ensure the continued availability of their resources, facilities, and organizations during all types of disasters.

Upon successful completion of this course, participants will be able to interpret disaster preparedness initiatives as part of healthcare coalitions within the community infrastructure.

Course Objectives:

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

- Discuss the fundamental preparedness frameworks for healthcare organizations and the community.
- Practice assessing threats to the healthcare infrastructure in their community through structured threat assessment processes.
- Determine preparations for response to incidents affecting the community and healthcare organizations.
- Assess the preparedness of healthcare organizations, within the context of the community, using medical surge as a model.
- Determine preparations for the recovery from incidents affecting the community and healthcare organizations.

Other Prerequisites:

None Recommended: IS-100, IS-200, IS-700, and IS-800. These courses can be found online at: <http://training.fema.gov/IS/NIMS.asp>

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Operational Coordination
- Public Health, Healthcare, and Emergency Medical Services
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Common

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Governmental Administrative
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Infrastructure Safety and Training Institute (ITSI)

POC Work Phone: 800-723-3811

POC Work Email: itsi@TEEX.tamu.edu

POC Information: TEEX Infrastructure Safety and Training Institute
itsi@teex.tamu.edu 800-723-3811
<https://teex.org/class/mgt341>

Course Link: <https://teex.org/class/mgt341>

Course Active?: Yes

Strategic Overview of Disaster Management for Water and Wastewater Utilities

MGT-342

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 4.0

Community Lifeline(s): Water Systems

Continuing Education Units:
General: 0.4

Duration (in Days): 0.5

Course Description:

The Strategic Overview of Disaster Management for Water and Wastewater Utilities course was designed to provide an overview of disaster management for water and wastewater professionals who only require a general level of disaster management training. This course will present information regarding preparing for, responding to, and recovering from natural or human-caused disasters that threaten water and wastewater facilities and systems.

This course introduces the various natural and human-caused (accidental or intentional) disasters to which water and wastewater systems may be vulnerable and the potential effects of disasters. Planning for and responding to disasters that affect drinking water and wastewater systems will also be explained. Participants are guided through portions of the Environmental Protection Agency's (EPA) Response Protocol Toolbox (RPTB) to identify steps in the response and recovery processes. Case studies on a variety of disaster incidents, as well as hypothetical situations for water and wastewater incidents are examined. Disaster recovery and mitigation funding will be discussed and participants are also given the opportunity to practice developing a disaster response plan for a disaster.

Upon successful completion of this course, participants will be able to recognize the importance of preparing for, responding to, and recovering from incidents that affect water and wastewater facilities and systems.

Course Objectives:

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

- Recognize the importance of disaster preparedness and pre-incident mitigation.
- Explain the importance of responding and managing incidents that affect water or wastewater systems and facilities.
- Implement post-incident recovery planning strategies.

Other Prerequisites:

None Recommended: IS-100, IS-200, IS-700, and IS-800. These courses can be found online at <https://training.fema.gov/nims/>

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Long-term Vulnerability Reduction
- Operational Coordination

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Common
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Governmental Administrative
- Hazardous Material
- Health Care
- Public Health
- Public Works
- Security and Safety
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Infrastructure Training and Safety Institute (ITSI)

POC Work Phone: 800-723-3811

POC Work Email: itsi@TEEX.tamu.edu

POC Information: TEEX Infrastructure Training and Safety Institute (ITSI) itsi@teex.tamu.edu 800-723-3811 <https://teex.org/class/mgt342>

Course Link: <https://teex.org/class/mgt342>

Course Active?: Yes

Disaster Management for Water and Wastewater Utilities**MGT-343****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Communications, Hazardous Material**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

The Disaster Management for Water and Wastewater Utilities course provides students with information about the Environmental Protection Agencies (EPA) Response Protocol Toolbox covering necessary steps to be taking during the response and recovery Water and Wastewater Utilities facilities. Participants will be guided through the various issues concerning preparing for, responding to, and recovering from incidents affecting water and/or wastewater facilities. The course introduces the various natural and man-made (accidental or intentional) hazards to which water and wastewater systems may be vulnerable and the potential effects the hazards may induce. Planning for and managing incidents are discussed, as well as disaster mitigation, response and recovery specific to drinking water and wastewater systems.

Course Objectives:

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

- Characterize all-hazard threats that might affect water or wastewater systems.
- Utilize disaster planning and management solutions for water and wastewater incidents.
- Interpret methods to mitigate disasters that threaten water and wastewater facilities and systems.
- Examine appropriate response actions to an actual or threatened incident.
- Articulate principles of managing disaster recovery for water and wastewater systems.

Other Prerequisites:

NoneRecommended TrainingThe following recommended courses can be found online at:

<https://training.fema.gov/IS/>.

- IS-100.C: Introduction to the Incident Command System, ICS 100
- IS-200.C: Basic Incident Command System for Initial Response
- IS-700.B: An introduction to the National Incident Management System
- IS-800.D: National Response Framework, An Introduction
- IS-2901: Introduction to Community Lifelines

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Infrastructure Systems
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- Planning
- Threats and Hazard Identification

Mission Area(s):

- Prevent

- Respond
- Recover
- Common
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Infrastructure Safety and Training Institute (ITSI)

POC Work Phone: 800-723-3811

POC Work Email: itsi@teex.tamu.edu

POC Information: TEEX Infrastructure Training and Safety Institute (ITSI) itsi@teex.tamu.edu 800-723-3811 <https://teex.org/class/mgt343/>

Course Link: <https://teex.org/class/mgt343/>

Course Active?: Yes

Disaster Management for Electric Power Systems**MGT-345****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Continuing Education Units:**
IACET: 1.5**Duration (in Days):** 2.0**Course Description:**

The Disaster Management for Electric Power Systems course provides students with information specific to preparing for, protecting against, responding to, recovering from, and mitigating against a threatened or actual natural disaster, an act of terrorism, or other man-made disaster affecting electric power facilities and systems.

During this course, participants will be guided through discussions and exercise that will assist them in:

- Improving security against physical damage, organizational disruption, and control system vulnerability
- Enhancing the electric power systems ability to plan, prevent, detect, respond, and restore their facilities in emergency situations
- Developing an understanding and appreciation for working with the media.

Course Objectives:

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

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

Other Prerequisites:

None 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

- Long-term Vulnerability Reduction
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Logistics and Supply Chain Management
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Infrastructure Training and Safety Institute (ITSI)

POC Work Phone: 800-723-3811

POC Work Email: itsi@teex.tamu.edu

POC Information: <https://teex.org/class/MGT345/>

Course Link: <https://teex.org/class/mgt345/>

Course Active?: Yes

Emergency Operations Center (EOC) Operations and Planning for All-Hazards

MGT-346

Training Provider: Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Health and Medical, Communications**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

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

Course Objectives:

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

- Develop an organizational structure with roles and responsibilities for an Emergency Operations Center (EOC).
- Utilize an information management process that fits the needs of an Emergency Operations Center (EOC) including internal and external sharing of information.
- Perform the resource management functions utilized by an Emergency Operations Center (EOC).
- Perform the planning functions utilized by the Emergency Operations Center (EOC).
- Demonstrate how to respond to a large-scale incident as a member of an Emergency Operations Center (EOC).
- Discuss how critical areas of managing an all-hazard, high-consequence incident response are applied in practice.

Other Prerequisites:

None However, participants are highly encouraged and should complete the Federal Emergency Management Agency (FEMA) Emergency Management Institute (EMI) IS-2200: Basic Emergency Operations Center Functions course prior to this course.

(<https://training.fema.gov/is/courseoverview.aspx?code=IS-2200>) This is a no-cost online course and takes about 4 hours to complete. Basic ICS information can be gained via completion of the Federal Emergency Management Agency (FEMA) online courses IS-100, IS-200, IS-700, and IS-800. <https://training.fema.gov/is/crslist.aspx>

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Operational Coordination

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Emergency Services Training Institute

POC Work Phone: 866-878-8900

POC Work Email: esti@teex.tamu.edu

POC Information: Name: TEEX Emergency Services Training InstituteE-mail Address:

esti@teex.tamu.eduTelephone Number: 866-878-8900Registration Contact:

<https://teex.org/class/MGT346/>

Course Link: <https://teex.org/class/MGT346/>

Course Active?: Yes

Incident Command System (ICS) Forms Review**MGT-347****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 0.4**Duration (in Days):** 0.5**Course Description:**

This 4-hour workshop provides a detailed introduction to emergency response supervisors and mid- to upper-level managers to the Incident Command System (ICS) forms used in the development of an Incident Action Plan (IAP) and/or Emergency Operations Center-Action Plan (EOC-AP). Participants will examine the primary forms used in an IAP and/or EOC-AP, as well as supporting and other utility forms. In addition, participants will review the planning process and where, within that process, the forms are filled out and by whom. The workshop includes a practical application designed to instruct participants in the development of Specific, Measurable, Action-oriented, Realistic, and Time-based (SMART) control and management objectives.

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 and/or EOC-AP.
- Describe the IAP and EOC-AP development process.
- Describe how resource needs are identified during the planning process.
- Discuss the operational period planning cycle (Planning P) diagram.
- Provide an example of an incident objective to be considered during planning.

Other Prerequisites:

- IS-100.b, FEMA Introduction to the Incident Command System (ICS-100)
- IS-200.b, FEMA Incident Command System for Single Resources and Initial Action Incidents, ICS-200
- IS-700.a, Introduction to the National Incident Management System (NIMS)
- IS-800.D, National Response Framework (NRF), An Introduction (<https://training.fema.gov/is/courseoverview.aspx?code=IS-800.d>)

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Operational Communications
- Planning
- Situational Assessment

Mission Area(s):

- Respond
- Common

Discipline(s):

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

NTED

- Health Care
- Public Health
- Public Works
- Animal Emergency Services
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Search & Rescue
- Transportation
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

George Glenn

POC Work Phone: 979-500-6773

POC Work Email: George.glenn@teex.tamu.edu

POC Information: <https://teex.org/class/mgt347/>

Course Link: <https://teex.org/class/mgt347/>

Course Active?: Yes

Medical Preparedness and Response to Bombing Incidents (MPRBI)**MGT-348****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Health and Medical**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

The Medical Preparedness and Response to Bombing Incidents course (MPRBI) is a 16-hour instructor facilitated course which employs instructional elements at both the performance level and the management and planning levels. The course is a combination of lectures, case studies, and facilitated discussions delivered over two consecutive days.

This course addresses the training gap for both emergency responders and first receivers to prepare for and respond safely and effectively to bombing incidents that may result in explosion induced injuries and fatalities.

The instructional team consists of Subject Matter Experts (SMEs) from New Mexico Tech and Texas A&M Engineering Extension Service (TEEX), who are partners and founding members of the National Domestic Preparedness Consortium (NDPC).

Course Objectives:

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

- Explain the need for medical preparedness and response tactics to bombing incidents.
- Discuss the purpose and function of the National Preparedness System (NPS) in guiding preparedness and response to bombing incidents.
- Explain the threats that explosives and explosive devices pose to national safety and security.
- Demonstrate understanding of response considerations and procedures by triaging and conducting bombing injury assessments for patients of a notional incident.
- Assess the injuries of victims from a bombing incident.
- Discuss mental health resources for emergency personnel involved in a bombing incident response.
- Analyze lessons learned from bombing responses.

Other Prerequisites:

None. Recommend familiarity with the National Incident Management System (NIMS) and the Incident Command System (ICS) via completion of FEMA independent study courses IS-100, IS-200, and IS-700 (or their equivalents). (<https://training.fema.gov/is/crslist.aspx?all=true>)

Primary Core Capability:

Intelligence and Information Sharing

Secondary Core Capability(s):

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

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX EMS/Public Health (EMSPH) Program

POC Work Phone: 979-314-1120

POC Work Email: emsph@teex.tamu.edu

POC Information: <https://teex.org/class/mgt348/>

Course Link: <https://teex.org/class/mgt348/>

Course Active?: Yes

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

MGT-361

Training Provider: Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Communications, Transportation**Continuing Education Units:**
IACET: 2.4**Duration (in Days):** 3.0**Course Description:**

This course trains campus and community members, and others involved in crisis management duties and responsibilities related to institutions of higher education. To effectively manage a crisis, a whole community approach should be applied and implemented using risk management strategies, effective crisis communication, and a series of well-developed plans. The course uses FEMA's five mission areas (Prevention, Protection, Mitigation, Response, and Recovery) and has specific emphasis on the unique aspects of response to crisis management involving institutions of higher education and the communities in which they are located. The course utilizes the integration principles of the National Incident Management System (NIMS), case studies, and activities are presented to aid the participants in recognizing potential gaps in their current crisis management program. The course concludes with a practical application, role-play exercise in which participants will be able to reason through a simulated incident at an institution of higher education by utilizing the principles and concepts provided in the course.

Course Objectives:

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

- Identify key concepts of crisis evolution as it affects institutions of higher education.
- Articulate challenges with establishing and maintaining stakeholder relationships given political, social, legal, and regulatory issues impacting institutions of higher education.
- Model prevention and protection strategies to build a resilient community.
- Explain risk as it relates to the whole community.
- Employ mitigation strategies to build a resilient community.
- Distill information and develop a crisis messaging.
- Relate the Incident Command System (ICS) to institutions of higher education and recognize the role of Emergency Operations Centers (EOC) in campus crisis management.
- Articulate issues related to recovery from incidents at institutions of higher education.
- Reason through a simulated incident at an Institution of Higher Education by utilizing the principles and concepts provided in the course.

Other Prerequisites:

None. Recommended:

- IS-700.B: An Introduction to the National Incident Management System
- IS-800.D: National Response Framework, An Introduction
- IS-100.C: Introduction to the Incident Command System, ICS 100
- IS-200.C: Basic Incident Command System for Initial Response

FEMA IS courses are available at <https://training.fema.gov/is/crslist.aspx?all=true>

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Risk and Disaster Resilience Assessment

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Institute for Law Enforcement and Protective Services Excellence (ILEPSE)

POC Work Phone: 800-423-8433

POC Work Email: ilepse@teex.tamu.edu

POC Information: <https://teex.org/class/mgt361>

Course Link: <https://teex.org/class/mgt361/>

Course Active?: Yes

Business Continuity Planning**MGT-381****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Duration (in Days):** 1.0**Course Description:**

This planning and management-level planning course provides business continuity training to communities nationwide. It will help prepare business owners as well as executive level managers develop a comprehensive and effective business continuity program from start to finish.

Course Objectives:

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

- Examine the basic parts of a business continuity plan and list the steps to creating a plan.
- identify the initial steps necessary to establish a business continuity program and identify essential functions.
- assess risks of hazards and impact of downtime, identify time-sensitive or critical business functions and processes and the resources needed to support them, and determine adequacy of existing resources and capabilities.
- identify, document, and explore recovery strategies.
- write a business continuity plan.
- use components of a business continuity plan to respond to an event and conduct early recovery efforts.

Other Prerequisites:

All participants must be U. S. Citizens or Foreign Nationals approved by the Department of Homeland Security. Prospective students are encouraged to complete the courses listed below: · IS-0100.c: Introduction to Incident Command System, ICS 100 · IS-0700.b: An Introduction to the National Incident Management System (NIMS) · IS-0546.a: Continuity of Operations Awareness Course

Primary Core Capability:

Economic Recovery

Secondary Core Capability(s):

- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

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

Training Certificates:

NTED

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Julie Wilson

POC Work Phone: 606-677-6122

POC Work Email: jwilson@centertech.com

Course Active?: Yes

Emergency Operations Plans for Rural Jurisdictions**MGT-383****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Duration (in Days):** 1.0**Course Description:**

This 8-hour planning and management-level course is designed to provide rural and Tribal first responders with the knowledge and skills to develop an emergency operations plan (EOP) for their local jurisdiction, Tribe, 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 Objectives:

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

- Describe the main function of an EOP
- Describe the planning process necessary when writing an emergency operations plan
- Describe the purpose of three EOP formats and summarize the pros and cons of each
- Organize various planning components into an EOP
- Upon completion of a self-paced, take-home module participants will be able to successfully:
- Describe the additional types of plans beyond the emergency operation plan particularly administrative plans, mitigation plans, preparedness plans and disaster assistance plans.

Other Prerequisites:

Participant must be a U.S. citizen or a foreign national approved by DHS. Recommended NOT required:

- IS 100 Introduction to Incident Command System
- 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
- IS 2900 National Disaster Recovery Framework

Primary Core Capability:

Planning

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hr Rogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Active?: Yes

Preparing for Cyber Attacks and Incidents**MGT-384****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Energy, Communications**Continuing Education Units:**
General: 1.6**Duration (in Days):** 2.0**Course Description:**

This course provides public and private organizational leaders, managers, and stakeholders a framework and resources for preparing for cyber attacks and incidents. The course utilizes a team approach to capitalize on the synergy of traditional emergency response organizations, local and state government, military, and public and private operators of critical infrastructure. Upon successful completion of this course, participants will be able to utilize processes and frameworks, to develop and implement a cyber preparedness program within their organization to prepare for cyber incidents and increase cyber resilience. Participants will also learn the importance of gaining situational awareness through information sharing.

Course Objectives:

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

- Differentiate between various cyber threats.
- Discover the need for planning for cyber incidents.
- Recommend a plan of action for developing or revising a cyber preparedness program.
- Analyze and share information as it relates to cyber incidents to enhance information sharing, collaboration, and situational awareness.
- Identify resources for improving cyber resilience.

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Cybersecurity
- Planning

Mission Area(s):

- Prevent
- Protect
- Mitigation

Discipline(s):

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

NTED

- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: TEEX Business and Cyber Solutions 979-431-4834 <https://teex.org/class/mgt384/>

Course Link: <https://teex.org/class/mgt384/>

Course Active?: Yes

Master of Arts Degree in Homeland Security**MGT-400****Training Provider:** Naval Postgraduate School**Course Level:** Management**Delivery Type(s):** Residential**Duration (in Hours):** 528.0**Continuing Education Units:** General: 44.0**Duration (in Days):** 60.0**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 academic quarter at the Naval Postgraduate School campus or a campus in the National Capitol Region (NCR). 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 emerging threats and challenges to the United States, critical infrastructure protection, intelligence, innovation, policy analysis, and development, among other topics. Graduates must complete a thesis on a topic of their choosing; many admittees elect to focus on an issue facing their employing agency. The degree is offered at no cost to eligible senior and fast-track local, state, tribal, territorial, 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, local, tribal, and territorial levels
- Provide current and future leaders with the necessary skills and knowledge to defeat terrorism, address natural disasters, and face public safety threats across the United States.
- Enhance interagency communication
- Promote organizational innovation

Other Prerequisites:

A four-year degree from an accredited institution with a 3.0 GPA or above. All applicants must make the case for the criticality of their position in homeland security. All DHS components require 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 and eligibility requirements are available at:

<https://www.chds.us/c/academic-programs/masters/>

Primary Core Capability:

Planning

Mission Area(s):

- Common

Discipline(s):

- Emergency Management
- Emergency Medical Services

NTED

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

Training Certificates:

Master's Degree

Course POC:

Program Support

POC Work Phone: 831-656-3829

POC Work Email: chdsmaap@nps.edu

POC Information: <https://www.chds.us/c/academic-programs/masters/>

Course Active?: Yes

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

MGT-401

Training Provider: Rural Domestic Preparedness Consortium

Course Level: Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security

Duration (in Days): 1.0

Course Description:

This eight-hour, management-level instructor-led course focuses on rural correctional facilities as unique environments for threat group recruitment and radicalization. The course examines the processes by which recruitment and radicalization occur and proposes methods for strengthening the information gathering and sharing process.

Two case studies and a tabletop exercise embedded in the course are designed to emphasize to students the urgency of threat group recruitment in rural jails and prisons, to illustrate the mechanisms by which recruitment and radicalization occur, and to explore the roles of various agencies in gathering and sharing operational information. Unlike other courses that focus entirely on threat group identifiers as a means of preparing corrections personnel for intervention, this course builds knowledge around threat group categories, identifiers and philosophies, and then focus on the convergence of methodologies and the practices, policies, and conditions specific to rural correctional facilities. Additionally, this course relays the elements of deterrence, intervention, and information gathering and sharing as they pertain to the task parameters of rural corrections personnel.

Course Objectives:

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

- Explain the terms radicalization and recruitment with regard to threat groups existing in rural jails and prisons in America.
- Describe why rural jails, prisons, and communities are becoming more susceptible to problems of inmate radicalization and recruitment into extremist groups.
- Explain the consequences of radicalization and recruitment of threat groups existing in rural jails and prisons to rural communities.
- Summarize the factors that contribute to radicalization and recruitment of threat groups in rural jails and prisons in America.
- Give examples of three civil rights considerations of incarcerated individuals in America.
- Cite federal statutes that were created to protect the civil rights of all incarcerated individuals in America.
- Characterize the relationship between radicalization and recruitment with regard to threat groups existing in rural jails and prisons in America.
- Outline the phases of the radicalization process with regard to threat groups existing in rural jails and prisons in America.
- Recognize the characteristics and indicators that inmates are susceptible to radicalization and recruitment.
- Identify rural jails and prisons policies and procedures that contribute to potential recruitment vulnerability and radicalization of inmates.

- Apply knowledge of threat group radicalization and recruitment practices in order to collect relevant information.
- Categorize actionable information regarding possible recruitment activity or inmate radicalization in rural jails and prisons for dissemination to local, state and federal agencies.
- Create systems to bridge gaps in current information gathering and sharing procedures.
- Design an approach to distinguish between credible and spurious threats.
- Formulate a system for communication reflecting shared information gathering goals.
- Perceive the stages of radicalization as they occur in a rural jail or prisons scenario.
- Assess current information collecting and sharing strategies.
- Suggest improvements to procedures and policies that improve radicalization deterrence and information collecting and sharing.
- Compile information for an internal Hot Wash as a means of self-evaluation.
- Provide solutions for an instructor/evaluator-led case study review.
- Design a policy for deterring and intervening in the threat group recruitment and radicalization process.

Other Prerequisites:

Participant must be a U.S. Citizen

Primary Core Capability:

Interdiction and Disruption

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

- Law Enforcement
- Public Safety Communications
- Other

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-855-7372

POC Work Email: helpdesk@ruraltraining.org

POC Information: Julie Wilson 606-677-6122

Course Active?: Yes

Sports and Special Events Incident Management**MGT-404****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 1.6**Duration (in Days):** 2.0**Course Description:**

This 16-hour course develops athletic department staffs, facility management personnel, campus public safety personnel, emergency response supervisors, and others involved in sports and special event management to better prepare for, manage, and recover from incidents that could occur during a sporting event or other special event. The course provides participants the skills necessary to effectively identify risk and mitigation strategies; manage incidents by applying and implementing incident management planning and resource management principles through a

multi-disciplinary management team approach as described in the National Incident Management System (NIMS); and identify techniques that can improve the resiliency of the event venue. The course has specific emphasis on the unique aspects of response to an incident occurring during a sports and special event, including considerations for business continuity and after action activities. The course concludes with a practical application, role-play exercise that is customized to the area in which the course is delivered.

Course Objectives:

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

Explain the beginning of the event planning process.

Determine mitigation strategies to lessen or alleviate the impacts of identified risks.

Describe Event Action Plans (EAP), the event action planning process, and important considerations for both.

Identify the essential elements of and steps involved in transitioning from event operations to an incident.

Identify the benefits of post incident reviews and business impact analyses.

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 multiagency, multi-discipline response scenario.

Other Prerequisites:

None. Participants are recommended to have successfully completed the following: IS-200 Basic Incident Command System for Initial Response <https://training.fema.gov/is/courseoverview.aspx?code=IS-200c>

Primary Core Capability:

Planning

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Common
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Public Works
- Security and Safety
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

ESTI Emergency Services Training Institute

POC Work Phone: 866-878-8900

POC Work Email: esti@teex.tamu.edu

POC Information: George Glenn george.glenn@teex.tamu.edu 979-500-6773

Course Link: <https://teex.org/class/MGT404/>

Course Active?: Yes

Community Threat Group Identification, Assessment, and Information Reporting for Rural Law Enforcement Officers

MGT-406

Training Provider: Rural Domestic Preparedness Consortium

Course Level: Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 8.0

Duration (in Days): 1.0

Course Description:

This eight-hour, management-level instructor-led course focuses on rural law enforcement officials and the presence of community threat groups that impact rural communities. The course focuses on strengthening information gathering regarding community threat groups, and emphasizes information sharing with fusion centers utilizing the Suspicious Activity Reporting Initiative. The course also trains participants in how to modify or create an information sharing policy for rural law enforcement agencies that utilizes the suspicious activity reports.

Course Objectives:

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

- Identify the criminal activities of community threat groups (CTG) and networks that impact rural communities across the country.
- Classify domestic and international community threat groups on the basis of institutionalization, sophistication and likelihood for convergence.
- Use a Suspicious Activity Report (SAR) to report suspicious activity carried out by CTGs in and around rural communities.
- Identify resources needed to implement an If You See Something, Say Something Campaign
- Develop a policy that provides standing operating procedures to implement SAR while engaging the community.

Other Prerequisites:

Participant must be a U.S. citizen or a foreign national approved by DHS.

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Intelligence and Information Sharing

Mission Area(s):

- Prevent
- Protect
- Mitigation

Discipline(s):

- Governmental Administrative
- Law Enforcement
- Public Safety Communications

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

NTED

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work
Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC
Information<https://ruraltraining.org>
Course Active?: Yes

Sport and Special Event Evacuation and Protective Actions**MGT-412****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Communications, Transportation**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

The Sport and Special Event Evacuation and Protective Actions course supports sport and special event stakeholders in preparing or enhancing protective action planning by incorporating flexible and scalable concepts. This course prepares participants to collaborate on evacuation and protective action plans with actionable decision criteria that can be adapted for almost any event

Course Objectives:

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

- Relate key terminology, concepts, and stakeholder responsibilities to protective actions for sport and special event venues.
- Evaluate influences on protective actions for sport and special event venues using the NCS4 Security Pyramid.
- Evaluate protective action planning criteria for sport and special event venues.
- Evaluate the concepts of implementing protective actions for sport and special event venues.
- Develop a strategy for communicating protective actions.
- Determine training and exercise opportunities that can prepare communities and venue staff for accomplishing protective actions.
- Evaluate sport and special event protective action requirements.

Other Prerequisites:

None Recommended Training:

- AWR-167: Sport and Special Event Risk Management and Planning (or equivalent experience)
- IS-100.C: Introduction to the Incident Command System (ICS)
- IS-200.C: Basic Incident Command System for Initial Response
- IS-700.B: An Introduction to the National Incident Management System (NIMS)
- IS-800.D: National Response Framework, An Introduction

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Operational Communications
- Operational Coordination
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Governmental Administrative
- Law Enforcement
- Citizen/Community Volunteer
- Security and Safety
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Partner USM/National Center for Spectator Sports Safety and Security (NCS4)

POC Work Phone: 601-266-6183

POC Work Email: ncs4train@usm.edu

POC Information: USM/National Center for Spectator Sports Safety and Security

(NCS4)ncs4train@usm.edu601-266-6183<https://ncs4.usm.edu/training/dhs-fema-courses/mgt-412-sport-and-special-event-evacuation-and-protective-actions/>

Course Link: <https://ncs4.usm.edu/training/dhs-fema-courses/mgt-412-sport-and-special-event-evacuation-and-protective-actions/>

Course Active?: Yes

Critical Infrastructure Resilience and Community Lifelines**MGT-414****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material, Water Systems**Continuing Education Units:**
IACET: 0.8**Duration (in Days):** 1.0**Course Description:**

In this course participants will learn how to develop a roadmap for progress toward the National Preparedness Goal by facilitating the development of resilience considerations and involving essential community critical infrastructure partners. Participants will learn how to formulate considerations for the resilience of community assets that leverage cross-sector partnerships. These considerations enhance the whole community's ability to manage the risk associated with critical infrastructure protection efforts. Participants will have an opportunity to practice the practical skills necessary to formulate considerations in the local community.

Course Objectives:

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

- Discuss the components of a community profile.
- Articulate the importance of community lifelines.
- Discuss lifelines and operational planning.
- Discuss the resilience assessment and the components of community lifelines.
- Discuss risk management principles to increase community resilience.
- Develop a community lifeline senior leaders brief (CLSLB).

Other Prerequisites:

None
 Recommended Training:· IS-860.C: The National Infrastructure Protection Plan, An Introduction· AWR-213: Critical Infrastructure Security and Resilience Awareness· MGT-310: Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review· MGT-315: Conducting Risk Assessments for Critical Community Assets

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Community Resilience
- Infrastructure Systems
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- Planning
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover

NTED

- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Law Enforcement and Protective Services

POC Work Phone: 8004238433

POC Work Email: law@teex.tamu.edu

POC Information: TEEX Law Enforcement and Protective Serviceslaw@teex.tamu.edu 800-423-8433<https://teex.org/class/mgt414>

Course Link: <https://teex.org/class/mgt414/>

Course Active?: Yes

Disaster Recovery in Rural Communities**MGT-415****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation**Duration (in Days):** 1.0**Course Description:**

Disaster Recovery in Rural Communities (MGT-415) is a planning and management-level course designed for public officials, community leaders, and private-sector representatives in rural communities who play key roles in the disaster recovery process. The overarching goals of the course is to assist rural communities with effective and efficient implementation of recovery efforts, thus ensuring the best possible long-term social and economic recovery of their communities from disaster.

In recent years there have been numerous natural disasters that have affected small and rural communities in devastating ways. In some cases, disasters have destroyed basic community, economic systems and commercial infrastructures. Many of these disasters effected rural areas and communities which had very few resources to deal with the destruction.

Course Objectives:

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

This is a one-day classroom-based course designed to train community leaders, emergency managers and whole community representatives in rural communities how to plan for and execute disaster recovery efforts. This course assists rural communities with planning for strategic disaster recovery efforts that ensure the long-term economic success and resiliency of their communities. Case studies are examined to demonstrate how communities have recovered (or failed to recover) and why they were successful or unsuccessful in their recovery efforts.

The course consists of six instructional modules addressing both short- and long-term community recovery (LTCR) elements, as well as supporting documents of reference for students and a model long-term community recovery plan referenced throughout the course.

Topics and key elements to be covered in the modules include:

- Conducting disaster recovery pre-planning activities
- Planning for and prioritizing disaster recovery efforts
- Developing ways to involve the whole community in short and long-term recovery
- Implementing disaster recovery plans
- Executing recovery projects in a prioritized manner

Upon completion of the course, students will develop a capacity to mitigate disasters to prevent loss of life, environment, and property; facilitate the development of recovery plans that revitalize communities impacted by disasters; and efficiently administer the disaster recovery process. Students will actively engage in a fictional disaster recovery scenario.

Other Prerequisites:

All course participants must be U.S. citizens, or foreign nationals approved by Department of Homeland Security (DHS).

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Respond
- Recover

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Julie Wilson

POC Work Phone: 606-677-6122

POC Work Email: jwilson@centertech.com

POC Information: [https://ruraltraining.org/Help Desk](https://ruraltraining.org/Help%20Desk) - Email - helpdesk@ruraltraining.org - Phone - 1-877-855-RDPC (7372)

Course Link: (In-person) <https://ruraltraining.org/course/mgt-415/> (Virtual) <https://ruraltraining.org/course/mgt-415-v-disaster-recovery-in-rural-communities/>

Course Active?: Yes

Introduction to Continuity of Government Planning for Rural Jurisdictions

MGT-416

Training Provider: Rural Domestic Preparedness Consortium **Course Level:** Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 8.0

Community Lifeline(s): Safety and Security

Duration (in Days): 1.0

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. This is a planning and management-level course. The instructor-led modules will cover the planning and activities necessary for responding to and recovering from a crisis event. These modules will emphasize planning, lines of succession, alternate facilities, redundant communications, and the community interaction.

Course Objectives:

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

Terminal Learning Objective (TLO): Upon completion of this course, participants will be able to assist in the development succession plans, delegations of authority, alternate facilities, and continuity communications components of continuity plans for rural municipalities at the synthesis level of the cognitive domain.

Enabling Learning Objectives (ELOs) - Course

Upon completion of this course, participants will be able to:

- Review course description, agenda, and common preparedness programs and continuity resources.
- Review the relationship between Continuity of Operations (COOP) and Continuity of Government (COG) and outline the basic principles of continuity.
- Identify elements of a viable succession plan and delegations of authority for a rural jurisdiction at the application level of the cognitive domain.
- Identify best practices to organize an all-hazards alternate facility and employ telework best practices for a rural jurisdiction at the synthesis level of the cognitive domain.
- Apply a continuity communication program implementation process with appropriate supporting systems for a rural jurisdiction at the application level of the cognitive domain.
- Discuss efforts to integrate devolution and reconstitution planning into continuity plans for a rural jurisdiction at the synthesis level of the cognitive domain.
- Examine response and recovery plans for local jurisdictions at the synthesis level of the cognitive domain.

Other Prerequisites:

All course participants must be U.S. citizens. Prior to attending this course, it is recommended NOT required that prospective students complete the courses listed below:

- IS - 0230.E: Fundamentals of Emergency Management
<https://training.fema.gov/is/courseoverview.aspx?code=IS-230.e&lang=en>
- IS-0100.C: Introduction to the Incident Command System, ICS 100
<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c&lang=en>
- IS-0700.B: An Introduction to the National Incident Management System (NIMS)
<https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b%20&lang=en>
- IS - 1300: Introduction to Continuity of Operations
<https://training.fema.gov/is/courseoverview.aspx?code=IS-1300&d=11/1/2019&lang=en> or MGT-381: Business Continuity Planning
- AWR-176-W: Disaster Recovery for Information Systems, Web-Based
<https://teex.org/class/AWR176/>
- IS - 0908: Emergency Management for Senior Officials
<https://training.fema.gov/is/courseoverview.aspx?code=IS-908&lang=en>

Primary Core Capability:

Planning

Mission Area(s):

- Prevent
- Protect
- Respond

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

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POC Information: Phone: 1-877-855-RDPC (7372) Email:

helpdesk@ruraltraining.org
<https://ruraltraining.org/request-a-course/>
<https://www.ruraltraining.org/training/schedule/>

Course Active?: Yes

Crisis Management for School-Based Incidents for Key Decision Makers**MGT-417****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security**Duration (in Days):** 2.0**Course Description:**

The purpose of this management and 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 other community stakeholders to collaboratively apply the course objectives to both practice situations and their actual school communities.

Course Objectives:

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

The following training objectives will be covered in this course:

- Discuss all-hazard approach as it relates to school-based or school-impacted disasters as well as explain the critical components of Emergency Operation Plans (EOPs). In addition, discuss the roles and responsibilities of school response teams, summarize the desired characteristics of potential team members, implement strategies for developing and organizing effective teams, and facilitate the collaboration needed with other community stakeholders.
- Describe how to plan for and conduct vulnerability assessments as well identify vulnerabilities using real-life examples in a scenario-based application. Define what constitutes a cross discipline vulnerability assessment team, discuss effective strategies for its formation and organization, and outline the associated roles and responsibilities of team members.
- Discuss Threat Assessment Management (TAM) and how it differs from vulnerability assessments. Explain Threat Assessment Inquiry, the component of TAM, the procedures for the development and organization of the TAM team, and define team goals, roles, and responsibilities.
- Implement improvements in response protocols regarding securing campus, evacuation, shelter-in-place, natural disaster response, and bomb-threat management. Create response protocols that will ensure effective interdisciplinary collaboration between emergency responders and the school.
- Evaluate and develop implementation protocols for crisis recovery involving all affected parties (e.g., students, administrators, staff, families, community stakeholders, emergency responders,

mental health support, etc.).

- Demonstrate effective crisis management skills regarding mitigation, response, and recovery from a school-based or school-impacted crisis.

These goals will continue to support the participants' mitigation, response, and recovery capabilities in both a classroom and scenario-based training incident. This format fosters greater understanding and collaboration, and enhances operational capabilities between rural schools and their emergency response partners.

Other Prerequisites:

Participants must be U.S. citizens. Foreign nationals may apply to DHS to attend on a case-by-case basis. It is highly recommended that participants take the DHS AWR 148 Crisis Management for School-Based Incidents: Partnering Rural Law Enforcement and the Local School Systems awareness-level course. Other highly recommended prerequisites include:

- IS-100.c Introduction to the Incident Command System
- IS-700.b - National Incident Management System, An Introduction
- IS-800.d - National Response Framework, An Introduction

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Planning
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

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POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC) RDPC Help Desk POC Work

Email helpdesk@ruraltraining.org POC Work Phone 877-855-7372 Additional POC

Information <https://ruraltraining.org>

Course Active?: Yes

Readiness: Training Identification and Preparedness Planning**MGT-418****Training Provider:** Louisiana State University**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 16.0**Continuing Education Units:** General: 1.6**Duration (in Days):** 2.0**Course Description:**

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

Participants will learn how to implement a training planning process in their community using a seven-step process. First, participants will build an assessment team with representatives from the whole community. The whole community assessment team will examine and enhance the jurisdictional profile and identify and assess risks for their particular community. Next, the team should estimate the capability requirements and establish target skill levels for the capabilities most applicable to their community. Then, the assessment team can analyze their current set of capabilities and identify where their capability training does not meet their skill need.

After completing the RTIPP process, participants will discuss RTIPP implementation in their communities, including barriers, and create an action plan to deliver and validate capabilities.

Course Objectives:

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

- Explain how the RTIPP process will support their community
- Choose appropriate preparedness tools for analyzing capability gaps in their agencies
- Create an assessment team to conduct their jurisdiction training assessment, using the whole community approach and step 1 of the RTIPP process
- Demonstrate an awareness of their jurisdiction's characteristics that may affect a disaster response and the need for specific training using step 2 of the RTIPP process
- Write capabilities-based training goals for their agency using steps 3 and 4 of the RTIPP process
- Complete a prioritized training plan and a multiyear training plan to address training goals in their agency by using steps 5-7 of the RTIPP process
- Create an action plan to overcome potential barriers to implementing the jurisdiction training assessment process within their community

Other Prerequisites:

Participants must have significant expertise in their functional areas and in training management. Participants must have knowledge of the jurisdictional emergency response plan and

mutual aid agreements as well as discipline-specific internal training processes Experience with data collection and interpreting reporting tools is important, as is the ability to create an operational calendar at the conclusion of the assessment Participants of the train-the-trainer course must have prior instructional experience and knowledge of instructional methodology Must have instructor or trainer certification by the authority having jurisdiction Participants must be United States Citizens

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Community Resilience
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- Operational Communications
- Operational Coordination
- Logistics and Supply Chain Management
- Public Information and Warning
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/mgt-418.php>

Course Active?: Yes

Executive Education Seminars hosted by Mobile Education Team (MET)**MGT-426****Training Provider:** Naval Postgraduate School**Course Level:** Management**Delivery Type(s):** Residential**Duration (in Hours):** 5.0**Duration (in Days):** 1.0**Course Description:**

The Executive Education Seminar program conducted by the Mobile Education Team (MET) is an intensive half-day seminar on Homeland Security designed to help strengthen U.S. capability to prevent, deter, and respond to domestic terrorist attacks, and to build the intergovernmental, interagency, and civil-military cooperation that Homeland Security requires. The seminars are conducted by Mobile Education Teams (MET) comprised of nationally recognized experts in various areas related to Homeland Security. The Executive Education Seminar focuses exclusively on enhancing the capacity of top government officials to successfully address new Homeland Security challenges. For states, the target audience is the Governor and his/her Homeland Security team, which is expected to consist of the Governor's senior staff and the heads of each department and agency that has a role in Homeland Security. The Executive Education Seminar is also available for major urban area senior Homeland Security leaders.

Course Objectives:

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

The Executive Education Seminar concentrates on the problems that Homeland Security poses for state and local level strategic planning, policy development, and organizational design. Topics are discussed in an interactive roundtable format and include:

- 1) Federal/State/Local Responsibilities and Coordination
- 2) Prevention
- 3) Intelligence Collection, Assessment, and Dissemination and Information Sharing
- 4) Critical Infrastructure Protection
- 5) Public Communications and Fear Management
- 6) Response Operations

Other Prerequisites:

Note: This program is INVITATION-ONLY.

Primary Core Capability:

Planning

Mission Area(s):

- Prevent

Discipline(s):

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

NTED

- Public Health
- Public Safety Communications
- Public Works
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Transportation

Training Certificates:

Naval Postgraduate School Certificate of Completion

Course POC:

Program Support

POC Work Phone: 831-656-3829

POC Work Email: chdsmaap@nps.edu

Course Active?: Yes

Pacific Executive Leaders Program (PELP)**MGT-427****Training Provider:** Naval Postgraduate School**Course Level:** Management**Delivery Type(s):** Residential**Duration (in Hours):** 40.0**Duration (in Days):** 5.0**Course Description:**

The Naval Postgraduate School Center for Homeland Defense and Security (CHDS), in partnership with other entities in the Pacific region, has developed the Pacific Executive Leaders Program (Pacific ELP), a graduate level education curriculum, to address specific challenges facing officials in these unique areas. This course is designed for mid- and senior-level homeland security professionals as an opportunity to develop the strategies, policies and organizational elements they need to better understand and address emerging regional security issues, public policy debates, terrorist threats and best practices in homeland security including: geographic isolation from the continental U.S. and each other; predisposition to various types of natural disasters; port security and safety concerns; and proximity to mainland Asia and their geopolitical influences.

Course Objectives:

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

- 1) Strengthen national security by providing a non-degree, graduate-level educational program to meet the needs of leaders responsible for homeland defense and security in the Pacific region
- 2) Provide an educational forum to enhance senior leaders' capacity to identify and resolve homeland security problems
- 3) Create nationwide homeland security networks and build relationships between senior leaders across disciplines, agencies and levels of government

Other Prerequisites:

Registration Contact: <https://www.chds.us/>

Primary Core Capability:

Planning

Mission Area(s):

- Common

Discipline(s):

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

NTED

- Transportation

Training Certificates:

Naval Postgraduate School Certificate of Completion

Course POC:

Program Support

POC Work Phone: 831-656-3829

POC Work Email: chdsmaap@nps.edu

Course Active?: Yes

Radiological Emergency Preparedness (REP) Executive Education Program

MGT-428

Training Provider: Naval Postgraduate School

Course Level: Management

Delivery Type(s): Residential

Duration (in Hours): 64.0

Duration (in Days): 8.0

Course Description:

Government agency, national association and private sector leaders are at the forefront of our nation's emergency preparedness mission. In a rapidly changing environment, these leaders need continuous education and professional development to cultivate a more thorough understanding of emerging issues and public policy debates, and the underlying causes of the hazards and threats we face. Recognizing this, the Center for Homeland Defense and Security (CHDS), in conjunction with the FEMA Technological Hazards Division, developed the Radiological Emergency Preparedness Executive Education Program to provide government and industry leaders with the tools and resources they need to think and act strategically in this area. The program allows local, state and federal partners to explore the complex and unique challenges associated with preparing for, responding to, and recovering from a commercial nuclear power plant major incident.

Course Objectives:

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

Participants will learn how to think and act strategically in the following areas:

- Strategic and crisis communications
- Changes in the REP program environment and evolving threats
- Demonstrating true preparedness

Other Prerequisites:

Note: This program is INVITATION-ONLY. Program is broken down into 2 modules over the course of two separate weeks.

Primary Core Capability:

Planning

Mission Area(s):

- Common

Discipline(s):

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

NTED

- Security and Safety
- Transportation

Training Certificates:

Naval Postgraduate School Certificate of Completion

Course POC:

Program Support

POC Work Phone: 831-656-3829

POC Work Email: chdsmaap@nps.edu

Course Active?: Yes

Isolation and Quarantine for Rural Communities: A Whole Community Approach

MGT-433

Training Provider: Rural Domestic Preparedness Consortium**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Health and Medical, Communications**Duration (in Days):** 1.0**Course Description:**

This course is designed to provide emergency response management personnel, public health and public safety professionals, and residents of small, rural, and remote communities with the general knowledge necessary to begin planning for situations requiring the isolation and/or quarantine (IQ) of a large portion of a local, rural population. A rural community's ability to collectively respond to an emergency requiring isolation and quarantine is not only essential to minimize the negative impacts to the community at risk, but also to minimize the long-term negative economic and health effects on the American public as a whole. This course will include: Course overview, Introduction to IQ, Legal and ethical issues of IQ, Roles and responsibilities during an IQ incident - preparedness, planning, response, and support considerations, Communication strategies for IQ response, IQ emergency response activity, IQ resources, glossary, acronyms and abbreviations.

Course Objectives:

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

Terminal Learning Objectives (TLO) Course - Upon completion of this course, participants will develop an understanding of the challenges that rural communities face during an isolation and quarantine response, identify the legal and ethical considerations of isolation and quarantine, and identify the Whole Community approach to rural isolation and quarantine.

Enabling Learning Objectives (ELO) Course - Upon completion of this course, participants will be able to: Distinguish between isolation and quarantine and the intervention measures for each, and identify quarantinable diseases, isolation and quarantine triggers, and the challenges faced by rural communities; Discuss legal and ethical considerations of isolation and quarantine as well as the federal, state, and local authorities regarding isolation and quarantine; Describe the Whole Community approach to rural isolation and quarantine; specifically, the roles and responsibilities of public health, public safety, and private-sector stakeholders as they relate to isolation and quarantine, and the role that state and federal partners have in assisting with isolation and quarantine; Communicate across multiple sectors and agencies, craft appropriate messages for the public across a variety of media, provide public feedback and interaction channels, and execute a crisis communication strategy; Describe, define, and implement the Whole Community approach to rural isolation and quarantine incidents; specifically the roles and responsibilities of public health, public safety, private-sector, and volunteer organizations, and their involvement during each phase of an isolation and quarantine incident.

Other Prerequisites:

All course participants must be U.S. citizens. Prior to taking this course, it is recommended that prospective students complete the courses listed below: IS-0100.C: Introduction to the Incident Command System, ICS 100, IS-0520: Introduction to Continuity of Operations Planning for Pandemic Influenzas, IS-0700.B: An Introduction to the National Incident Management System (NIMS), IS-0800.D: National Response Framework, An Introduction

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Planning
- Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Prevent
- Common

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Julie Wilson

POC Work Phone: 606-677-6122

POC Work Email: jwilson@cintertech.com

POC Information: Phone: 1-877-855-7372 and Email: info@ruraltraining.org

Course Active?: Yes

Isolation and Quarantine for Rural Communities: A Whole Community Approach

MGT-433-W

Training Provider: Rural Domestic Preparedness Consortium **Course Level:** Management

Delivery Type(s): Online/Distance Learning **Duration (in Hours):** 4.0

Community Lifeline(s): Safety and Security, Health and Medical

Duration (in Days):
Course Description:

The purpose of this web-based training MGT-433-W Isolation and Quarantine for Rural Communities: A Whole Community Approach is to provide an online training option that correlates with the content of the revised instructor-led training for MGT-433 Isolation and Quarantine for Rural Communities: A Whole Community Approach. This course is designed to provide emergency response management personnel, public health and public safety professionals, and residents of small, rural, and remote communities with 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. A rural community's ability to collectively respond to an emergency requiring isolation and quarantine is not only essential to minimize the negative impacts to the community at risk, but also to minimize the long-term negative economic and health effects on the American public as a whole.

Course Objectives:

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

Distinguish between isolation and quarantine and the intervention measures for each, and identify quarantinable diseases, isolation and quarantine triggers, and the challenges faced by rural communities.

Discuss legal and ethical considerations of isolation and quarantine as well as the federal, state, and local authorities regarding isolation and quarantine.

Describe the Whole Community approach to rural isolation and quarantine; specifically, the roles and responsibilities of public health, public safety, and private-sector stakeholders as they relate to isolation and quarantine, and the role that state and federal partners have in assisting with isolation and quarantine.

Communicate across multiple sectors and agencies, craft appropriate messages for the public

across a variety of media, provide public feedback and interaction channels, and execute a crisis communication strategy.

Other Prerequisites:

Participant must be a U.S. citizen or a foreign national approved by DHS. The following training is also recommended NOT required: IS-0100.C: Introduction to the Incident Command System, ICS 100 IS-0520: Introduction to Continuity of Operations Planning for Pandemic Influenza IS-0700.B: An Introduction to the National Incident Management System (NIMS) IS-0800.D: National Response Framework, an Introduction

Primary Core Capability:

Planning

Secondary Core Capability(s):

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

Mission Area(s):

- Prevent
- Protect
- Respond

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC) RDPC Help Desk POC Work

Email helpdesk@ruraltraining.org POC Work Phone 877-855-7372 Additional POC

Information <https://ruraltraining.org>

Course Link: <https://ruraltraining.org/course/mgt-433-w-isolation-and-quarantine-for-rural-communities-a-whole-community-approach-web-based/>

Course Active?: Yes

Pediatric Disaster Response and Emergency Preparedness**MGT-439****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Hazardous Material**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**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 planning for pediatric surge, mass sheltering, triage and allocation of scarce resources, reunification and decontamination considerations. This is not a hand-on technical course, but instead a management level course for stakeholders such as pediatric physicians, emergency managers, emergency planners and members of public emergency departments like EMS, Fire, Police, Public Health and Hospitals in field of disaster response and preparedness work.

Course Objectives:

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

- Articulate the issues likely to arise within the pediatric population during disaster events.
- Examine relevant Emergency Management (EM) considerations when planning for the care and management of the pediatric population following a disaster event.
- Assess the impacts of surge and surge planning on the pediatric population before, during, and after a disaster event.
- Articulate effective planning and preparation in addressing the requirements of the pediatric population with Access and Functional Needs (AFN) in a disaster event.
- Articulate the relevant mass sheltering considerations when planning for the care and management of the pediatric population following a disaster event.
- Examine a variety of triage systems to assess their appropriateness for pediatric applications and to the allocation of scarce resources.
- Describe aspects of reunification planning that may be applied in a disaster event, emphasizing successfully reuniting the pediatric population with their families.
- Examine the considerations for pediatric decontamination.

Other Prerequisites:

None. Recommended: 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 or their equivalent:

IS-100.C: Introduction to the Incident Command System, ICS 100

IS-200.C: Basic Incident Command System for Initial Response, ICS-200

IS-700.B: An Introduction to the National Incident Management System

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Environmental Response/Health and Safety
- Mass Care Services
- Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Respond
- Recover

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX EMS/Public Health Program

POC Work Phone: 979-314-1120

POC Work Email: emsph@teex.tamu.edu

POC Information: Name: TEEX EMS/Public Health ProgramE-mail Address:

emsph@teex.tamu.eduTelephone Number: 979.314.1120Registration

Contact: <https://teex.org/class/mgt439/>

Course Link: <https://teex.org/class/mgt439/>

Course Active?: Yes

Enhanced Sports and Special Events Incident Management**MGT-440****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Communications**Continuing Education Units:**
General: 2.4**Duration (in Days):** 3.0**Course Description:**

The Enhanced Sports and Special Events Incident Management course is a scenario-based practicum of several primary areas within the field of sports and special events management including:

- event planning;
- incident management;
- crowd and evacuation management; and
- crisis information management.

The course is intended to prepare emergency responders as well as event management personnel, concessionaires, 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 two rigorous, simulation-supported, scenario-based emergency response activities designed to hone both individual and team-building decision-making, event planning, 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:

- Discuss issues relating to seven critical considerations that organizations face relating to governance and partnerships needed both when planning and managing sports and special events as well as during the response to incidents that occur during these events
- Discuss the key concepts and processes needed to plan and prepare for smooth, coordinated operations at a sporting or special event, including risk and hazard assessment, contingencies and objectives, and other event operational considerations
- Practice the event planning process from a Multi-Agency Coordination (MAC)/Policy Group, Emergency Operations Center (EOC), and an Incident Command perspective for a simulated sports or special event
- Apply the 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, crowd management, and evacuation
- Assess how critical areas of managing an all-hazard, high-consequence incident response in a sports or special event context are applied in practice.
- Employ the Emergency Management Exercise System (EM*ES) Web to become familiarized with the web-based application, its functions, and its uses
- Manage a sports or special event in which a simulated large-scale, all-hazards incident occurs from a Multi-Agency Coordination (MAC)/Policy Group, Emergency Operations Center (EOC), and/or Incident Command Post (ICP) perspective
- Manage the response to a simulated large-scale, all-hazards incident that involves a sports or special event from a Multi-Agency Coordination (MAC)/Policy Group, Emergency Operations Center (EOC), and/or Incident Command Post (ICP) perspective

Other Prerequisites:

- AWR-167 Sport Event Risk Management· MGT-404 Sports and Special Events Incident Management· MGT-412 Sport Venue Evacuation and Protective Actions· IS-100.b Introduction to Incident Command System, ICS-100· IS-00.b ICS for Single Resources and Initial Action Incidents· ICS-300 Intermediate Incident Command System (ICS) for Expanding Incidents· ICS-400 Advanced Incident Command Systems (ICS), Command and General Staff-Complex Incidents· IS-700.a National Incident Management System (NIMS), An Introduction
- IS-800.b National Response Framework, An Introduction

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Critical Transportation
- Environmental Response/Health and Safety
- Fatality Management Services
- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Mass Care Services
- Mass Search and Rescue Operations
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Planning
- Logistics and Supply Chain Management
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Situational Assessment
- Threats and Hazard Identification
- Fire Management and Suppression

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Public Health
- Public Works
- Transportation
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

James Burghard

POC Work Phone: 307-286-0370

- 307 -

POC Work Email: james.burghard@teox.tamu.edu

NTED

POC Information: <https://teex.org/class/mgt440/>

Course Link: <https://teex.org/class/mgt440/>

Course Active?: Yes

All Hazards Planning for Animal, Agricultural, and Food Related Disasters

MGT-448

Training Provider: Rural Domestic Preparedness Consortium **Course Level:** Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 8.0

Community Lifeline(s): Food, Hydration, Shelter

Duration (in Days): 1.0

Course Description:

This 8-hour course will provide emergency planners, community leaders, veterinarians, animal control personnel, government and non-government agencies, public health agencies and organizations, people working in transportation and law enforcement, emergency management staff, and tribal representatives with the background information needed to participate in the development of supplemental animal, agricultural, and food (AAF) related disaster response plans that could be included within the existing emergency operation plan (EOP) for an operational area (OA). The course will address the resources and information available to emergency managers (EM) for planning; the unique challenges that rural communities face in planning for and responding to AAF related disasters; and AAF related incidents that will require a federal agency response, such as foreign/infectious animal disease (FAD/IAD) outbreaks or agroterrorism. All content will be presented at an instructor-led training (ILT) event that will include multi-media presentations, instructor-led class discussions, and review of case studies to explore lessons learned from historical and recent AAF related disasters.

Course Objectives:

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

Course Terminal Learning Objectives (TLO) - By the time participants complete this course, they will be able to: 1. Identify planning and preparedness aspects of emergency management applicable to AAF related disasters. 2. Explain why emergency managers need to understand the unique considerations for animal, agricultural, or food (AAF) related disasters when planning. 3. Recognize unique considerations of planning for AAF related incidents that require federal response.

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS. Recommended NOT required: ICS 100, 200, 700, 800, RDPC: AWR 328 All Hazards Preparedness for Animals in Disasters (/ILT); LSU/NCBRT: AWR-117 Preparing Communities for Animal, Plant and Food Incidents an Introduction (ILT); RDPC MGMT: 383 Emergency Operations Plans for Rural Jurisdictions (ILT); IS-2901: Introduction to Community Lifelines (Interactive web-based course)

Primary Core Capability:

Risk and Disaster Resilience Assessment

Secondary Core Capability(s):

- Physical Protective Measures

Mission Area(s):

- Prevent
- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Public Health
- Agriculture
- Animal Emergency Services
- Other

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Active?: Yes

Community Based Planning for All-Hazards Threats in Tribal Communities

MGT-449

Training Provider: Rural Domestic Preparedness Consortium

Course Level: Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 12.0

Community Lifeline(s): Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material

Duration (in Days): 1.5

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.

Other Prerequisites:

Participant must be a U.S. citizen or a foreign national approved by DHS. Recommended (not required) Introduction to Incident Command System, ICS-100 (IS-100.C), and National Incident Management System (NIMS), An Introduction (IS-700.B)

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Community Resilience

NTED

- Operational Coordination
- Planning

Mission Area(s):

- Mitigation

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Active?: Yes

Physical and Cybersecurity for Critical Infrastructure**MGT-452****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Energy, Water Systems**Continuing Education Units:**
IACET: 0.8**Duration (in Days):** 1.0**Course Description:**

The purpose of this course is to increase collaborative efforts among and between individuals and organizations responsible for both physical and cybersecurity toward development of integrated risk management strategies that lead to enhanced capabilities necessary for the protection of our Nation's critical infrastructure. The course identifies physical and cybersecurity concerns impacting overall infrastructure security posture, examines integrated physical and cybersecurity incidents and the evolving risks and impacts they pose to critical infrastructure, and introduces key concepts and resources that can be applied to improve security within an organization, business, or government entity.

Course Objectives:

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

- Discuss risk management of critical infrastructure against cyber and physical threats.
- Differentiate between information technology and operational technology systems and the potential threats and vectors that can be utilized to cripple critical infrastructure.
- Characterize physical security systems and the potential threats and vectors that can be utilized to cripple critical infrastructure.
- Summarize strategies to brief risk management options to leadership from an enterprise risk management perspective.

Other Prerequisites:

None. Recommended Training:

- IS-860.C: The National Infrastructure Protection Plan, An Introduction
- IS-913.A: Critical Infrastructure Security and Resilience: Achieving Results through Partnership and Collaboration
- AWR-397-W: Cybersecurity for Everyone
- AWR-399-W: Detecting and Responding to a Cyber Attack
- AWR-136: Developing Cybersecurity Resiliency for Everyone
- AWR-213: Critical Infrastructure Security and Resilience Awareness
- MGT-310: Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Physical Protective Measures
- Planning
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Protect

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX National Emergency Response and Recovery Training Center (NERRTC)

POC Work Phone: 844-789-5673

POC Work Email: NERRTC@teex.tamu.edu

POC Information: TEEX National Emergency Response and Recovery Training Center Toll-Free:
(844) 789-5673 NERRTC@teex.tamu.edu <https://teex.org/class/mgt452/>

Course Link: <https://teex.org/class/mgt452/>

Course Active?: Yes

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

MGT-456

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 24.0

Community Lifeline(s): Safety and Security

Continuing Education Units:
IACET: 2.4

Duration (in Days): 3.0

Course Description:

The Integration of Cybersecurity Personnel into the Emergency Operations Center for Cyber Incidents course focuses on 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 ensure that traditional emergency management and cybersecurity personnel recognize the importance of working together to mitigate the effects of a cyber incident. To accomplish this, students will be engaged in 2 days of exercises of increasing complexity. This course utilizes the Emergency Management Exercise System (EM*ES) incident simulation software, which provides many features resembling and imitating existing incident management systems.

Course Objectives:

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

1. Explain aspects of cyber incidents.
2. Examine the management structure of the Emergency Operations Center (EOC).
3. Examine cyber incident management activities.
4. Interpret the Emergency operations Center (EOC) management processes.
5. Use Emergency Management Exercise System (EM*ES) software for a simulated cyber incident exercise.
6. Manage the coordinated response efforts for simulated cyber incidents within an activated Emergency Operations Center (EOC).

Other Prerequisites:

There are no prerequisites, however, participants are expected to have successfully completed IS-100b, IS-200, and IS-700. Completion of IS-800 is also recommended. These courses can be found online at: <http://training.fema.gov/IS/NIMS.asp>

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Cybersecurity
- Planning
- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

James Burghard

POC Work Phone: 307-286-0370

POC Work Email: james.burghard@teex.tamu.edu

POC Information: <https://teex.org/class/mgt456/>

Course Link: <https://teex.org/class/mgt456/>

Course Active?: Yes

Planning for Disaster Debris Management**MGT-460****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Transportation, Hazardous Material**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This management-level instructor-led course will provide lectures, knowledge checks, and course module tools/activities on pre-disaster debris management planning. The focus of the course is to identify debris management plan components and best planning practices using existing plan examples and case studies and to draft an outline of a debris management plan. This course will empower participants to create pre-disaster debris management plans for their own communities.

Course Objectives:

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

- Explain the basic concepts of debris management operations and the benefits of debris management planning
- Outline the key components of a debris management plan
- Apply strategies for special considerations encountered during debris management operations to plan outlines

Other Prerequisites:

Approved. 12 September 2025

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Infrastructure Systems
- Long-term Vulnerability Reduction
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Hazardous Material
- Public Health
- Public Works
- Security and Safety

Training Certificates:

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

Course POC:

Registration Desk

NTED

POC Work Phone: 808-725-5220

POC Work Email: ndptc-operations@lists.hawaii.edu

POC Information: ndptc-operations@lists.hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/catalog/47/#course-description>

Course Active?: Yes

Evacuation Planning Strategies and Solutions**MGT-461****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Continuing Education Units:** IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This eight-hour management-level course is designed to provide emergency managers, first responders, transportation professionals, security and safety professionals, and government administrators with the ability to utilize current tools and technologies to institute best practices and strategies to plan for and execute an emergency evacuation. This course discusses the hazard conditions for which an emergency evacuation could be an appropriate protective action and inform participants on resources and methods to help them better prepare for an emergency evacuation. This course will allow participants to explore data, modelling tools, and simulations that assist with the implementation of an emergency evacuation.

Course Objectives:

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

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

- Recognize evacuation needs during disasters and threat characteristics of different disasters;
- Describe key concepts and assess the need for evacuation in their community;
- Describe the evacuation planning process and transportation considerations in evacuation planning; and
- Evaluate the evacuation decision making process, apply evacuation planning strategies, best practices, and lessons learned by examples of recent evacuation plans.

Secondary Core Capability(s):

- Critical Transportation
- Operational Coordination
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Works
- Citizen/Community Volunteer
- Transportation

Training Certificates:

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

Course POC:

Registration Desk

NTED

POC Work Phone: 808-725-5220

POC Work Email: ndptc-operations@lists.hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/catalog/50/#course-description>

Course Active?: Yes

Recovering from Cybersecurity Incidents**MGT-465****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Energy, Communications, Transportation, Water Systems**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

The Recovering from Cybersecurity Incidents course is designed to provide guidance to a jurisdiction on the actions necessary to effectively recover from a cybersecurity attack. It discusses the pre- and post-incident programmatic activities needed for short-term and long-term recovery. It bridges the different worlds of information technology and emergency management. This training is particularly pertinent to IT management, emergency management personnel, as well as any other government, critical infrastructure, or private sector personnel who has the responsibility for recovering after a cyber incident. This course is intended to be delivered across the country to jurisdictions at all response levels: local, state, tribal, territorial, as well as private industry.

Course Objectives:

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

- Describe fundamental concepts and resources related to cyber incident recovery.
- Examine recovery preparedness for cybersecurity incidents.
- Examine tactical short-term and strategic long-term recovery operations for cybersecurity incidents.
- Produce a Cyber Incident Recovery Action Plan based on the scenario provided.

Other Prerequisites:

There are no prerequisites, but participants are recommended to have successfully completed IS-100, IS-200, and IS-700. Completion of IS-800 and IS-2900 are also recommended. These courses can be found online at: <http://training.fema.gov/IS/NIMS.asp>. Also recommended are: AWR-173-W - Information Security Basics <https://teex.org/class/awr173>/AWR-139-W - Digital Forensics Basics <https://teex.org/class/awr139/>

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Cybersecurity
- Operational Coordination

Mission Area(s):

- Recover

Discipline(s):

- Emergency Management
- Governmental Administrative
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Citizen/Community Volunteer
- Information Technology

NTED

- Transportation
- Other

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Business and Cyber Solutions

POC Work Phone: 979-431-4834

POC Work Email: bcs@teex.tamu.edu

POC Information: <https://teex.org/class/MGT465/>

Course Link: <https://teex.org/class/mgt465/>

Course Active?: Yes

Sport and Special Event Enhanced Risk Management and Assessment**MGT-466****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Communications, Transportation, Hazardous Material**Continuing Education Units:**
General: 1.6**Duration (in Days):** 2.0**Course Description:**

The Sport and Special Event Enhanced Risk Management and Assessment course brings first and emergency responders, government, and commercial facilities professionals together to prepare or enhance risk management and assessment programs. The course introduces methodologies designed to complement and expand on national critical infrastructure framework guidelines. The training leverages a combination of exercises, discussions, and activities to optimize participant experience.

Course Objectives:

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

- Describe foundational principles and concepts for creating a comprehensive risk management strategy.
- Apply the NCS4 Security Risk Pyramid and Critical Infrastructure Risk Management Framework.
- Analyze event and venue-specific risks using the Critical Infrastructure Risk Management Framework.
- Develop risk mitigation activities related to events and venues for enhancing preparedness and protective measures.
- Evaluate the effectiveness of risk mitigation for continuous improvement.
- Develop a risk mitigation strategy for a given scenario.

Other Prerequisites:

None but participants are recommended to have successfully completed:

- AWR-167: Sport and Special Event Risk Management
- IS-100: Introduction to the Incident Command System
- IS-200: ICS for Single Resources and Initial Action Incidents (ICS)
- IS-700: An Introduction to the National Incident Management Systems (NIMS)
- IS-800: National Response Framework, an Introduction

Primary Core Capability:

Risk and Disaster Resilience Assessment

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Physical Protective Measures
- Planning
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Safety Communications
- Citizen/Community Volunteer
- Security and Safety
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

Daniel Ward

POC Work Phone: 601-266-5999

POC Work Email: NCS4Train@usm.edu

POC Information: Daniel WardNCS4Train@usm.edu<https://ncs4.usm.edu/training/dhs-fema-courses/mgt-466-sport-and-special-event-enhanced-risk-management-and-assessment/>

Course Link: <https://ncs4.usm.edu/training/dhs-fema-courses/mgt-466-sport-and-special-event-enhanced-risk-management-and-assessment/>

Course Active?: Yes

Sport and Special Event Public Information and Emergency Notification**MGT-467****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

The Sport and Special Event Public Information and Emergency Notification course brings planners, operators, public information professionals, government, public safety, and marketing professionals together in an effort to prepare and/or enhance venue and event communication programs. The course prescribes best practices to common communication pitfalls and provides flexible and scalable solutions to a wide-range of scenarios. The training leverages a combination of exercises, discussions, and activities to optimize participant experience.

Course Objectives:

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

- Evaluate communication fundamentals for applying clear, concise, accurate and actionable messaging.
- Determine communication roles and responsibilities for an event or incident
- Develop messages for events and incidents.
- Assess pre-event communication criteria.
- Apply strategies and tactics for incident communication deliverables.
- Determine appropriate communication needs and strategies for a given scenario.

Other Prerequisites:

None. Recommended:

- AWR-167: Sport and Special Event Risk Management and Planning
- IS-100: Introduction to the Incident Command System
- IS-200: ICS for Single Resources and Initial Action Incidents (ICS)
- IS-700: An Introduction to the National Incident Management Systems (NIMS)
- IS-800: National Response Framework, an Introduction

Primary Core Capability:

Public Information and Warning

Secondary Core Capability(s):

- Community Resilience
- Intelligence and Information Sharing
- Operational Communications
- Operational Coordination
- Planning
- Risk Management for Protection Programs and Activities

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Management

NTED

- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Health
- Public Safety Communications
- Security and Safety
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Partner USM/National Center for Spectator Sports Safety and Security (NCS4)

POC Work Phone: 601-266-5999

POC Work Email: ncs4train@usm.edu

POC Information: USM//National Center for Spectator Sports Safety and Security

(NCS4)ncs4train@usm.edu601-266-5999<https://ncs4.usm.edu/training/dhs-fema-courses/mgt-467-sport-and-special-event-public-information-and-emergency-notification/>

Course Link: <https://ncs4.usm.edu/training/dhs-fema-courses/mgt-467-sport-and-special-event-public-information-and-emergency-notification/>

Course Active?: Yes

Radiological Dispersal Device (RDD) Response Guidance - Train the Planner**MGT-469****Training Provider:** Nevada Test Site**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident, Residential**Duration (in Hours):** 16.0**Duration (in Days):** 2.0**Course Description:**

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

Course Objectives:

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

Recall the history, and developmental research behind the response guidance, and apply the guidance framework to effectively navigate and locate required content.

Apply the guidance recommendations to recognize and confirm a radiological hazard involving a suspected Radiological Dispersal Device (RDD).

Compose plans to inform:

- Responders and the public of radiation zones and shelter-in-place zones.
- Local, state, and federal authorities of any necessary request for assistance.

Determine appropriate radiological exposure management techniques to conduct lifesaving rescue operations, and the necessary zones to establish to effectively secure and manage a Radiological Dispersal Device (RDD) scene

Identify the required resources and scope of deployment necessary to measure and map radiation levels for scene characterization.

Determine factors potentially influencing the evacuation of populations from affected areas, and strategies to consider for the establishment of radioactive screening stations, decontamination

areas, and community reception centers.

Prerequisite(s):

- AWR-140: Introduction to Radiological Nuclear WMD Operations
- AWR-140-W: Introduction to Radiological/Nuclear WMD Operations

Other Prerequisites:

IS 700, Introduction to the National Incident Management System (NIMS)ICS 100, Introduction to the Incident Command System (ICS)ICS 200, Basic Incident Command System for Initial Response

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Operational Coordination
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877.WMD.CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: www.ctosnnsa.org

Course Schedule:

www.ctosnnsa.org

Course Link: www.ctosnnsa.org

Course Active?: Yes

Organizational Cybersecurity Information Sharing**MGT-473**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 16.0

Community Lifeline(s): Safety and Security

Duration (in Days): 2.0

Course Description:

This 2-day instructor led course will introduce foundational cybersecurity information sharing concepts that can be incorporated into a cybersecurity program for both inside and outside an agency or organization. It will establish the purpose and value of information sharing; and will explore how sharing can assist with cyber incident preparedness and response before, during and after a cyber incident occurs. Course content will assist participants to recognize common types of shared cyber information; understand when to share cyber information with trusted entities and partners; and will explore common methods of securely reporting cyber information. At the end of this course, participants will be able to identify activities needed to establish information sharing policies to be incorporated in a cybersecurity program.

Course Objectives:

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

- Recognize the uses and value of cyber information sharing before, during, and after an incident.
- Analyze information that should be shared before, during, and after a cyber incident.
- Compare internal and external sharing relationships to develop an effective information sharing program.
- Recognize when to share cyber information to internal or external entities.
- Perform collection and analysis of a cyber incident, then determine what information will be disseminated through a basic cyber information report.
- Develop an action plan to enhance their information sharing capabilities for a cybersecurity program.

Other Prerequisites:

Familiarity with cybersecurity terminology and basic concepts

Primary Core Capability:

Intelligence and Information Sharing

Secondary Core Capability(s):

- Cybersecurity

Mission Area(s):

- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Information Technology
- Security and Safety
- Other
- Education

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Natalie Sjelin

POC Work Phone: 210-458-2168

POC Work Email: Natalie.Sjelin@utsa.edu

POC Information: Natalie.Sjelin@utsa.edu

Course Link: <https://www.nationalcpc.org/course/mgt-473/>

Course Active?: Yes

Mitigating Hazards with Land-Use Planning**MGT-474****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Continuing Education Units:** IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This one-day (or 8-hour) management-level training course aims to improve hazard mitigation through the implementation of land-use planning tools. The course provides training on the integration of hazard mitigation and land-use planning efforts and on choosing land-use tools that address different natural hazard challenges. The course will include both community-scale land-use planning tools, like comprehensive plans and hazard mitigation plans, as well as site-scale tools like setback requirements and transfer of development rights (TDR) programs.

Course Objectives:

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

- Describe the origins and features of land-use planning and regulation in the United States;
- Understand the importance of land-use regulation as a tool for hazard mitigation;
- Evaluate the effectiveness of local land-use planning at mitigating natural hazards;
- Describe community- and site-scale land-use planning tools that can mitigate natural hazard risk; and
- Apply their knowledge to choose suitable land-use tools for different community contexts.

Other Prerequisites:

No prerequisites. Students are encouraged to take Community Resilience (AWR-228), Community Planning for Disaster Recovery (AWR-356), Coastal Hazards Awareness (AWR-379), and/or Flooding Hazards (AWR-362), and/or have working knowledge of the fundamentals of emergency management and natural hazards planning.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Economic Recovery
- Housing
- Long-term Vulnerability Reduction
- Natural and Cultural Resources
- Risk and Disaster Resilience Assessment

Mission Area(s):

- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Public Safety Communications
- Public Works
- Citizen/Community Volunteer

Training Certificates:

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-training@lists.hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/catalog/57/#course-description>

Course Link: <https://ndptc.hawaii.edu/training/catalog/57/#course-description>

Course Active?: Yes

Crowd Management for Sport and Special Events**MGT-475****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 1.6**Duration (in Days):** 2.0**Course Description:**

This two-day course is for public safety officials, venue operators, event planners, and other stakeholders responsible for safety and security at sport and special events. The training will provide participants with tools and techniques to assist with conducting crowd management and crowd control operations before, during, and after an event or incident. The course content is scalable and applicable to all sports and special events regardless of venue size, capacity, or type of event.

Course Objectives:

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

- Explain key terms, concepts, and the dynamic interaction between the crowd, venue, event, and staff as related to crowd management and crowd control for sport and special events.
- Determine how the dynamic interaction between the venue, event, staff, and crowd type influence crowd risk, crowd management and crowd control for sport and special events.
- Formulate and defend successful crowd management techniques, tactics and procedures for sport and special events.
- Devise and defend effective crowd control strategies for resolving risks inherent in public disorder for sport and special events.
- Develop crowd management and crowd control plans and processes for a sport or special event.
- Construct strategies for crowd management and crowd control related to a given scenario.

Other Prerequisites:

None
 Recommended Training: AWR-167: Sport and Special Event Risk Management and Planning
 IS-100: Introduction to the Incident Command System IS-200: ICS for Single Resources and Initial Action Incidents (ICS) IC-700: An Introduction to the National Incident Management Systems (NIMS) IC-800: National Response Framework, An Introduction

Primary Core Capability:

Risk Management for Protection Programs and Activities

Secondary Core Capability(s):

- Access Control and Identity Verification
- Critical Transportation
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Public Information and Warning
- Screening, Search, and Detection
- Situational Assessment

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Partner USM/National Center for Spectator Sports Safety and Security (NCS4)

POC Work Phone: 601-266-4696

POC Work Email: NCS4Train@usm.edu

POC Information: ncs4train@usm.edu 601-266-5999 <https://ncs4.usm.edu/mgt-475-crowd-management-for-sport-and-special-events/>

Course Link: <https://ncs4.usm.edu/mgt-475-crowd-management-for-sport-and-special-events/>

Course Active?: Yes

Community Cybersecurity Information Sharing Integration**MGT-478**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 16.0

Community Lifeline(s): Safety and Security

Duration (in Days): 2.0

Course Description:

This course will assist SLTTs to integrate information sharing into their community cybersecurity programs. State, Local, Tribe and Territory (SLTT) communities are increasingly being targeted by cyber-attacks. These attacks have the potential of affecting the whole community by delaying or stopping critical services from being available. Effective information sharing is one key ingredient needed to assist to prevent, detect, respond and recover from cyber-attacks.

"Community Cybersecurity Information Sharing Integration" will train participants to strategically design and implement cybersecurity information sharing capabilities into their state, territory, tribe, jurisdiction, or regional cybersecurity program. The course will introduce:

- How and why communities are targeted for cyber-attacks
- What can be shared and how to share cyber-related information throughout the community
- Initiatives, capabilities, and coordinating efforts found in a successful information sharing collaborative
- The steps a SLTT can take to develop or enhance their information sharing capabilities to enhance their overall community cybersecurity program.

Course Objectives:

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

- Explain how cybersecurity information sharing can assist to prevent, detect, respond and recover from cyber-attacks
- Analyze partnerships and trust needed for an effective info sharing capability.
- Recognize the components of a successful community cybersecurity information sharing framework
- Examine the steps to integrate cybersecurity information sharing into a community cybersecurity program

Other Prerequisites:

Students should have a basic familiarity with cybersecurity terminology and concepts. If the course is taken virtually, the student will need a computer with a microphone, a camera, speakers, a modern browser and internet access.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience
- Intelligence and Information Sharing

NTED

- Long-term Vulnerability Reduction

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Information Technology
- Security and Safety
- Other
- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Participation

Course POC:

Natalie Sjelin

POC Work Phone: 210-885-5688

POC Work Email: natalie.sjelin@utsa.edu

POC Information: Natalie Sjelinnatalie.sjelin@utsa.edu

Course Link: <https://www.nationalcpc.org/course/mgt-478/>

Course Active?: Yes

Emergence Program**MGT-479****Training Provider:** Naval Postgraduate School**Course Level:** Management**Delivery Type(s):** Residential**Duration (in Hours):** 150.0**Duration (in Days):** 11.0**Course Description:**

The Emergence Program is an academic journey and innovation lab for officials in the first half of their careers to critically think about homeland security, explore emerging trends, and initiate change in themselves and their organizations. The program allows participants to explore emerging trends in the world around us (e.g., technology, social, and terrorism). Participants will discuss both the challenges associated with these complex trends as well as the opportunities to rethink how we protect our communities and the nation. In addition, program sessions will assist participants in emergence strategies for implementing innovative ideas, being a leader, and for a successful homeland security career.

Emergence is delivered over a six (6) month period, beginning with approximately ten (10) weeks of Distance Learning engagement that leads into a one (1) week In-Residence session, followed by another ten (10) week Distance Learning period before the second, and final one (1) week In-Residence session. The time commitment is approximately three (3) hours per week during the Distance Learning periods, and full-days during the two (2) In-Residences.

Course Objectives:

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

Understand the homeland security discipline and emerging trends.

Explore their homeland security perspectives and what they view as opportunities for change and contributions their generation can make to the evolving discipline.

Emphasize and enhance critical inquiry, analysis, and evidence-based research to understand complex problems and to develop and implement new ideas.

Develop and explore strategies for success in a changing work environment.

Be inspired to develop a career in homeland security/public safety.

Primary Core Capability:

Planning

Mission Area(s):

- Common

Discipline(s):

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

Training Certificates:

Naval Postgraduate School Certificate of Completion

Course POC:

Program Support

POC Work Phone: 831-656-3829

POC Work Email: chds-emergence@nps.edu

POC Information: <https://www.chds.us/c/academic-programs/emergence/>

Course Link: <https://www.chds.us/c/academic-programs/emergence/>

Course Active?: Yes

Disaster Recovery: A Strategic Overview of the Public Assistance Process

MGT-481

Training Provider: Texas Engineering Extension Service

Course Level: Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 4.0

Community Lifeline(s): Safety and Security

Continuing Education Units:
IACET: 0.4

Duration (in Days): 0.5

Course Description:

This management-level course provides an overview of the disaster recovery process and focuses on those responsible for planning for, applying, and delivering the response core capabilities defined in the National Preparedness Goal. This includes community leaders, emergency management practitioners, first responders, and other government officials who must collectively understand and assess the needs of their respective communities and organizations and determine the best ways to organize and strengthen their resilience prior to a disaster.

The course highlights key elements of the pre-disaster recovery planning process and grant programs provided under the Stafford Act. Key elements of the Individual Assistance Program, Public Assistance processes, and public assistance funding, procurement, and contracting will all be discussed. Upon successful completion of this course, participants will be better prepared to lead and manage jurisdictional recovery efforts by raising their awareness of the Federal disaster recovery programs.

Course Objectives:

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

- Identify key elements of the pre-disaster recovery planning process
- Identify the Federal disaster recovery Public Assistance process and grant programs provided under the Stafford Act
- Identify key elements of the initial stages within the FEMA Public Assistance process
- Discuss key considerations in the Public Assistance funding, procurement, and contracting process

Other Prerequisites:

None

Primary Core Capability:

Economic Recovery

Secondary Core Capability(s):

- Community Resilience
- Operational Coordination
- Planning

Mission Area(s):

- Recover

Discipline(s):

- Emergency Management

NTED

- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Health Care
- Public Health
- Public Works
- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Transportation
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

David Spruiell, TEEX/ITSI Training Manager

POC Work Phone: 800-723-3811

POC Work Email: itsi@teex.tamu.edu

POC Information: <https://teex.org/class/mgt481/>

Course Link: <https://teex.org/class/mgt481/>

Course Active?: Yes

Disaster Recovery Public Assistance Programs, an Introduction**MGT-482****Training Provider:** Texas Engineering Extension Service**Course Level:** Management**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 12.0**Community Lifeline(s):** Safety and Security, Health and Medical, Energy, Communications, Transportation**Continuing Education Units:**
IACET: 1.2**Duration (in Days):** 1.5**Course Description:**

This introductory course provides an overview of the FEMA Disaster Recovery Public Assistance program and process and will prepare front-line jurisdiction staff and leaders for working within that process. The goal being to begin preparing for recovery in advance of a disaster.

Participants will identify pre-disaster planning and recovery actions. They will identify the goals of Federal Disaster Assistance and Recovery Programs, the initial stages application collaboration, scoping and costing, and management of the Public Assistance Process. Project funding, monitoring and closeout will also be explained. Upon successful completion of this course, the participant will be able to identify the FEMA Public Assistance program and process that contribute to improving community recovery, minimizing damage, and preventing loss. Participants will be able to improve their understanding of existing Federal, state, tribal, and local recovery programs so as to proactively incorporate the full capabilities of all sectors in support of community recovery following a disaster.

Course Objectives:

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

- Identify federal disaster assistance and recovery programs available to jurisdictions following a disaster
- Discuss the major Federal disaster assistance and recovery programs available to jurisdictions following a disaster
- Discuss the operational planning and applicant collaboration considerations of the Public Assistance process
- Discuss elements of the initial stages of the FEMA Public Assistance Program process leading to scoping and costing
- Discuss key considerations in formulation and managing Public Assistance projects
- Discuss key considerations in funding, monitoring, and closing out Public Assistance projects

Other Prerequisites:

None

Primary Core Capability:

Economic Recovery

Secondary Core Capability(s):

- Community Resilience
- Housing

- Infrastructure Systems
- Long-term Vulnerability Reduction
- Natural and Cultural Resources
- Operational Communications
- Operational Coordination
- Planning
- Situational Assessment

Mission Area(s):

- Recover
- Common
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Health Care
- Public Health
- Public Works
- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Transportation
- Other
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

David Spruiell, TEEX/ITSI Training Manager

POC Work Phone: 800-723-3811

POC Work Email: itsi@teex.tamu.edu

POC Information: <https://teex.org/class/mgt482/>

Course Link: <https://teex.org/class/mgt482/>

Course Active?: Yes

Planning for Coastal Hazards**MGT-486**

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

Course Level: Management

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 4.0

Community Lifeline(s): Safety and Security

Continuing Education Units:
General: 0.3

Duration (in Days): 0.5

Course Description:

This half-day, management-level course builds upon the NDPTC coastal hazards curriculum, providing key information for advanced practitioners involved in planning for coastal hazards. The course focuses on the planning aspects of coastal hazards, covering planning principles, coastal planning and management context, and planning strategies that can be employed to reduce hazard risk and increase resilience in coastal communities. As a management-level course, the training is intended to provide decision-makers and planners with the information needed to create and align plans that reduce vulnerability to coastal hazards.

Course Objectives:

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

- Describe the principles of coastal hazards planning
- Discuss coastal hazard management and policy frameworks that influence coastal planning
- Apply planning strategies to adapt to coastal hazards

Other Prerequisites:

None

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Environmental Response/Health and Safety
- Long-term Vulnerability Reduction
- Natural and Cultural Resources

Mission Area(s):

- Prevent
- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

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POC Work Email: ndptc-operations@lists.hawaii.edu

NTED

Course Link: <https://ndptc.hawaii.edu/training/catalog/59/#course-description>

Course Active?: Yes

Pandemic Planning: Emergency Management and Public Health Coordination

MGT-488

Training Provider: Columbia University, National Center for Disaster Preparedness

Course Level: Management

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 7.0

Community Lifeline(s): Health and Medical

Duration (in Days): 1.0

Course Description:

This management level, instructor led training will provide participants with an understanding of how emergency management and public health/medical agencies can coordinate during pandemics and other public health emergencies. The course will review the roles and responsibilities of state, local, federal, nongovernment, and private sector entities during pandemics. An overview of the National Disaster Medical System (NDMS) will also be provided. The goal of the course is to provide participants ways to increase coordination between agencies so that they are more prepared during a public health emergency.

Course Objectives:

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

This management level, instructor led training will provide participants with an understanding of how emergency management and public health/medical agencies can coordinate during pandemics and other public health emergencies.

By the end of this course, all participants will be able to fulfill the following learning objectives:

- Describe the roles and responsibilities of the State Department of Health during a Public Health Emergency.
- Identify the roles, capabilities, and avenues of coordination with Healthcare Coalitions (HCC) in support of a Public Health Emergency.
- Analyze the National Disaster Medical System Capabilities.
- Examine federal and regional constructs available to coordinate during large-scale emergencies.

Other Prerequisites:

The National Center for Disaster Preparedness (NCDP) assumes that those taking this management level training do not necessarily possess prior job training and experience in disaster, especially since this course topic is not readily available elsewhere. However, awareness of disaster management principles is assumed. Successful completion of this course will depend on the participants' ability to recall information presented throughout the course, categorize concepts, apply the learned concepts in real-life scenarios, and make decisions based on the material shared. In addition, participants will be prompted to perceive, receive, respond to, and organize concepts throughout the course. All course participants must be U.S. citizens. It is recommended, but not required, that course participants have previous experience in disaster

response and/or recovery. Prior to attending this course, prospective students may wish to complete the courses listed below:

- IS 100 - Introduction to the Incident Command System (ICS)
- IS 660 - Introduction to Public-Private Partnerships
- IS 700 - National Incident Management System (NIMS), An Introduction
- IS 800.D - National Response Framework (NRF), An Introduction

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Community Resilience
- Health and Social Services
- Planning

Mission Area(s):

- Respond
- Recover

Discipline(s):

- Emergency Management
- Health Care
- Public Health

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Thomas Chandler

POC Work Email: tec11@columbia.edu

POC Information: ncdptraining@columbia.edu

Course Link: www.ncdpcourses.org

Course Active?: Yes

Performance Courses

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

PER-211

Training Provider: Texas Engineering Extension Service**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Community Lifeline(s):** Safety and Security, Health and Medical, Hazardous Material**Continuing Education Units:**
General: 1.5, ENA: 16.0**Duration (in Days):** 2.0**Course Description:**

Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events provides a strong emphasis on a whole-community team approach to responding to incidents, including those caused by CBRNE or a coordinated complex violent event. The course is delivered using a combination of facilitated discussions, small-group exercises, Human Patient Simulator hands-on scenarios, and traditional classroom discussions. Exercises are conducted in CBRNE scenarios using both adult and pediatric Human Patient Simulators to reinforce classroom lectures and interaction. This course promotes critical thinking skills while utilizing the Recognition, Activation, Protection, Identification, Decontamination, and Care (RAPID-Care) concept. The multi-discipline make-up of the participants helps to strengthen information sharing, communications, and medical surge capabilities.

Course Objectives:

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

- Describe available resources to protect themselves and care for casualties in a hazardous/high-threat environment according to nationally recognized standards and local protocols.
- Describe the effects of chemical agents and the appropriate medical care for adult and pediatric patients in accordance with nationally recognized standards and local protocols.
- Describe the effects of radiation and the appropriate medical care for adult and pediatric patients in accordance with nationally recognized standards and local protocols.
- 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 nationally recognized procedures and local protocols.
- Describe the effects resulting from an explosion and treat anticipated injuries in both adult and pediatric patients according to nationally recognized standards and local protocols.
- Describe complex coordinated attacks and violent incidents, the appropriate protective measures for first responders/receivers, and recommended immediate medical care for life-threatening injuries.

Other Prerequisites:

Not required, but recommended participants complete the following courses to have a better understanding when they attend the PER-211 course.

- WMD/Terrorism Awareness for Emergency Responders (AWR-160-W) <https://teex.org/class/awr160/>
- Basic EMS Concepts for CBRNE Events (AWR-111-W) <https://teex.org/class/awr111/>

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Mass Care Services
- Operational Coordination
- Physical Protective Measures
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX EMS/Public Health (EMSPH) Customer Care

POC Work Phone: 979-314-1120

POC Work Email: emsph@teex.tamu.edu

POC Information: www.teex.org/class/per211

Course Link: <https://teex.org/class/PER211>

Course Active?: Yes

Operational Level Response to HazMat/WMD Incidents**PER-212****Training Provider:** Texas Engineering Extension Service**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security, Communications, Transportation, Hazardous Material**Continuing Education Units:**
IACET: 2.4**Duration (in Days):** 3.0**Course Description:**

The Operational Level Response to HazMat/WMD Incidents course focuses on the special challenges faced by emergency responders at the operations level in dealing with a Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE) incident. Upon completion, participants will be able to respond defensively to a CBRNE incident.

This course focuses on training responders to meet the requirements established in Chapter 6 Competencies for Hazardous Materials/WMD Operations Level Personnel (NFPA 472), Chapter 7 Professional Qualifications for Hazardous Materials/WMD Operations Level Personnel (NFPA 1072), and Job Performance Requirement (JPR) 9.2 Personal Protective Equipment in Chapter 9 Professional Qualifications for Hazardous Materials/WMD Operations Level Responders Assigned Mission-Specific Responsibilities (NFPA 1072) of National Fire Protection Association (NFPA) 470, Hazardous Materials/Weapons of Mass Destruction (WMD) Standard for Responders (2022 edition).

Course Objectives:

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

- Describe Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) incidents and hazards, as well as necessary actions and available assistance, with proper terminology.
- Describe the likely behavior of a Hazardous Material/Weapon of Mass Destruction (HazMat/WMD) and its impacts given a specific incident.
- Identify containers and transporters of Hazardous Materials (HazMat) as well as the ways they can breach, release their contents, and disperse their contents.
- Demonstrate the process for a safe and effective assessment of a Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) incident, including contacting other relevant parties.
- Use approved Personal Protective Equipment (PPE) in a given Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) incident.
- Choose safe and effective strategies and tactics at a Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) incident.
- Demonstrate managing a Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) incident so that hazards and casualties are minimized and information is communicated.

Other Prerequisites:

To take the National Board on Fire Service Professional Qualifications (Pro Board) exam, participants must have successfully completed one of the following: Online awareness-level

response course: WMD/Terrorism Awareness for Emergency Responders (AWR-160-W) <https://teex.org/class/awr160/In-person> awareness-level response course: Standardized Awareness Training (AWR-160) <https://teex.org/class/ogt208/A> WMD NFPA 1072-approved awareness course For national Pro Board certification, the following are the minimum certification requirements as defined by the NFPA standards and TEEX:NFPA 470, Hazardous Materials/Weapons of Mass Destruction (WMD) Standard for Responders, Chapter 5 Professional Qualifications for Hazardous Materials/WMD Awareness Level Personnel (NFPA 1072) or NFPA 1072, Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, Chapter 4 Awareness (2017 edition) or NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, Chapter 4 Competencies for Awareness Level Personnel (2002, 2008, or 2013 editions)

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX WMD/Hazmat Operations Program

POC Work Phone: 979-500-6822

POC Work Email: WMDOps@TEEX.tamu.edu

POC Information: <https://teex.org/class/per212/>

Course Link: <https://teex.org/class/per212/>

Course Active?: Yes

Operational Level Response to HazMat/WMD Incidents, Train-the-Trainer**PER-212-1****Training Provider:** Texas Engineering Extension Service**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security, Health and Medical, Transportation, Hazardous Material**Continuing Education Units:**
IACET: 2.4**Duration (in Days):** 3.0**Course Description:**

This course is the Train-the-Trainer for PER-212 - Operational Level Response to HazMat/WMD Incidents.

During this course, Operational Level Response to HazMat/WMD Incidents Train-the-Trainer (PER-212-1), candidates will learn to convey policies and procedures that will enable participants to recognize and respond to Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) incidents. Trainers will be able to instruct participants of Operational Level Response to HazMat/WMD Incidents (PER-212) how to recognize and identify the chemical and physical properties of a hazardous material and preclude the spread of the hazard to the public and the environment through lecture, demonstrations, and hands-on activities.

Course Objectives:

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

- Understand the policies and procedures that will enable them to recognize and respond to these incidents.
- Teach responders in their jurisdictions how to respond to a Weapons of Mass Destruction/Hazardous Materials (WMD/HazMat) incident.
- Instruct participants of the PER-212 course how to recognize and identify the chemical and physical properties of a hazardous material and preclude the spread of the hazard to the public and the environment through lecture, demonstrations, and hands-on activities.
- Become certified to teach PER-212 - Operational Level Response to HazMat/WMD Incidents.

Other Prerequisites:

Note: These requirements are the prerequisites for taking the PER-212-1 Operational Level Response to HazMat/WMD Incidents Train-the-Trainer course to become qualified to teach the PER-212 course. Instructor candidates for this course must / must have:

- Successfully completed the PER-212 Operational Level Response to HazMat/WMD Incidents course. (<https://teex.org/class/per212/>)
- Successfully completed a National Fire Protection Association (NFPA) 1041-approved Fire Instructor I course or its equivalent.
- Be National Board on Fire Service Professional Qualifications (Pro Board) (or International Fire

Service Accreditation Congress [IFSAC])-certified at the hazardous materials operations or technician level.

- Been selected by their jurisdiction to become qualified to deliver the PER-212 Operational Level Response to HazMat/WMD Incidents course in in their state.

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- Infrastructure Systems
- Operational Coordination
- Physical Protective Measures
- Planning
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Health Care
- Public Health
- Public Works
- Agriculture
- Animal Emergency Services
- Citizen/Community Volunteer
- Security and Safety
- Transportation

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX WMD Operations Training Manager

POC Work Phone: 979-500-6822

POC Work Email: WMDOps@TEEX.tamu.edu

POC Information: TEEX WMD Operations Training Manager, Michael Geesling 979-500-6822 wmdops@teex.tamu.edu Information on the full PER-212

course: <https://teex.org/class/per212/>

Course Link: <https://teex.org/class/per212/>

Course Active?: Yes

Wide Area Search**PER-213****Training Provider:** Texas Engineering Extension Service**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
IACET: 2.4**Duration (in Days):** 3.0**Course Description:**

When disaster strikes, it can be a challenge to effectively mobilize, organize, and deploy resources needed to perform wide area searches. This course is an excellent training opportunity for any jurisdiction or agency that may face such an emergency. The course content applies to a vast number of critical situations, including natural disasters or terrorist incidents.

You will be instructed in practical search methods and skills so you can perform systematic searches over a large affected area. The training will include challenging exercises that mirror real life scenarios. The three-day long event will conclude with an in-depth exercise that requires participants to utilize the skills gained during the course by working through an incident from start to finish in a single operational period.

The trainers delivering the course are knowledgeable, they are 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 the 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
- Conduct operations to support an effective wide area search
- Plan and conduct operations to support a wide area search

Other Prerequisites:

No prerequisites

Primary Core Capability:

Mass Search and Rescue Operations

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Operational Coordination
- Planning

Mission Area(s):

- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Citizen/Community Volunteer
- Search & Rescue

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX Wide Area Search Training Manager

POC Work Phone: 979-500-6835

POC Work Email: WAS@TEEX.tamu.edu

POC Information: TEEX Wide Area Search Training Manager, Jeff

CulverWAS@teex.tamu.edu979-500-6835<https://teex.org/class/per213/>

Course Link: <https://teex.org/class/per213/>

Course Active?: Yes

Emergency Response to Domestic Biological Incidents**PER-220****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Continuing Education Units:** General: 1.6**Duration (in Days):** 2.0**Course Description:**

This is a performance-level course designed to address fundamentals associated with emergency response to biological incidents. As such, it provides detailed technical information and includes hands-on practice of actions required of emergency responders and medical personnel in biological incident situations. The course provides a brief overview of the terrorist threat that now faces the United States; biological agents that could be used by terrorists in executing their attacks; methods of protection from biological agents (with an emphasis on protection using methods and equipment readily available to most emergency responders); and tactics for identifying the presence of a potential biological threat, responding to an incident, and supporting law enforcement operations at the incident scene.

The course also supports the necessity for teamwork (Incident Command/Unified Command) among all responding agencies and actions that law enforcement personnel can take to support and facilitate the operations of fire and medical services and other responding agencies. In summary, the course will prepare representatives of State and local emergency response agencies to perform safely and effectively during an incident involving biological agents.

Course Objectives:

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

- Participants will fill out a complete and accurate registration form.
- By completing a pre-test, participants will assess their baseline knowledge of course content.
- At the conclusion of this module participants will gain a working knowledge of the implications of biological events, whether naturally occurring or intentionally produced.
- Participants will discuss the difference between infectious and contagious.
- Participants will describe the differences between bacteria, viruses, and toxins.
- Participants will be able to list the most likely agents of bioterrorism.
- Participants will describe the diseases these agents cause.
- Participants will list which diseases are more likely to be fatal and which are more likely to be debilitating.
- Participants will use the components of the NCBRT WMD Response Guidebook.
- Participants will be able to describe the biological, physical, and aerobiological properties of biological agents required for a successful bioterrorist attack.
- To better gauge the effectiveness of the dissemination of and transmission of biological agents, participants will assess each in terms of naturally occurring, intentional, and accidental.
- Participants will be able to describe ways in which the agent, dissemination device, route of transmission, system of delivery, and meteorological conditions may interact in order to be better equipped to respond to such situations in real life.
- Participants will be able to describe delivery systems and mechanisms that advance the dissemination of biological agents through devices onto a target.
- Participants will be able to describe federal preparedness guidelines effective during responses

to biological incidents to ensure consistency among responders at all levels.

- Participants will gain awareness of surveillance and detection measures with regard to biological incidents.
- Participants will be able to describe which levels of personal protection equipment (PPE) are appropriate under varying circumstances to ensure maximum personal safety during an incident.
- Participants will be able to describe appropriate decontamination procedures for victims and the impacted environment.
- Participants will be able to describe how continuous and active surveillance can help detect public health events.
- Participants will be able to explain the medical response to a public health emergency.
- Participants will be able to list ways in which epidemiological and criminal investigations can occur concurrently during a public health emergency.
- Participants will be able to identify which, if any, parts of the template should be considered for incorporation into emergency operations plans (EOPs) and standard operating procedures (SOPs).
- Participants will complete a comprehensive post-test successfully.
- By completing a course evaluation form, participants will provide feedback. Participants will share something they want to learn from this course and something they know about the training topic with their peers.

Prerequisite(s):

- AWR-110-W: WMD/Terrorism Awareness for Emergency Responders, Web-Based

Other Prerequisites:

Participation in this training program should be limited to mid-level supervisors or emergency responders and planners who are responsible for responding to WMD incidents. Participants must have a picture ID (preferably agency-issued), which they will present to instructors prior to the start of instruction. Successful completion of a WMD Awareness-level training course. Assignment to a supervisory position or a position responsible for development and delivery of training focused on responding to a biological incident; or assignment to a supervisory or management position responsible for the development of departmental policies and procedures governing the actions of emergency responders during WMD incidents

Primary Core Capability:

Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond
- Common

Discipline(s):

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

Training Certificates:

NTED

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-220.php>

Course Active?: Yes

Public Safety CBRNE Response Sampling Techniques and Guidelines**PER-222****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security, Hazardous Material**Continuing Education Units:**
General: 2.4**Duration (in Days):** 3.0**Course Description:**

The course provides diverse agency representatives with 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 CBRNE 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 CBRNE environment.

Course Objectives:

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

Describe how this course will benefit them:

- Identify their roles and responsibilities as public safety responders during all phases of a CBRNE incident in which samples are required and explain how the FBI's 12-step crime scene management process affects those roles.
- Choose correct industry-standard screening and monitoring equipment based on a suspected material's chemical and physical properties and correctly use the selected equipment to determine required precautions for public safety samplers at a CBRNE incident scene.
- Correctly perform public safety sampling at a CBRNE incident scene using the appropriate technique based on the material being collected.
- Perform public safety sampling operations using various monitoring equipment, sampling techniques, and proper labeling and chain-of custody procedures.
- Safely collect a public safety sample during a CBRNE incident.
- Complete a comprehensive posttest and course evaluation.

Other Prerequisites:

Personnel should be assigned to positions from which they would likely make a hazardous material response to a WMD incident, be assigned to a position in which they will develop departmental policies and procedures regarding WMD emergency responder actions or be assigned to positions from which they will develop or deliver WMD training to prepare their departments to respond to such incidents. This course is intended primarily for HazMat

technicians. This course is also intended for law enforcement personnel tasked with supporting the operational phase of a WMD incident and transitioning into the crime scene investigation phase; laboratory; public health; and environmental personnel. The following recommended prerequisites apply to personnel attending this course:

- Successful completion of a WMD awareness-level training course.
- Current HazMat technician-level certification.
- Respiratory medical clearance for wearing Level C PPE (29 Code of Federal Regulations [CFR] 1910.134).
- Participants must be trained in PPE and medically cleared by their agency to operate in PPE.
- To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- Screening, Search, and Detection

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-222.php>

Course Active?: Yes

Advanced Forensic Investigations for Hazardous Environments**PER-228****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 32.0**Continuing Education Units:** General: 4.0**Duration (in Days):** 4.0**Course Description:**

This course addresses response in a hazardous environment, with emphasis on evidence collection and recovery, as well as the paradigm shifts that are required for crime scene investigators to safely conduct a crime scene investigation in these types of environments. The course is designed so that participants will develop the required knowledge, skills, and ability to investigate a chemical, biological, radiological, nuclear, and high-yield explosive (CBRNE), toxic industrial chemical (TIC), or hazardous environment crime scene for the identification, documentation, presumptive field testing, preservation, and collection for laboratory analysis of CBRNE/TIC and non-CBRNE/TIC forensic evidence.

Course Objectives:

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

- Name three crime scene considerations for CBRNE/TIC-contaminated environments
- Analyze and present case studies involving CBRNE/TIC agents or materials
- Differentiate the functions and responsibilities of the CBRNE crime scene investigation unit (CSIU) Group members
- Examine the FBI's 12-step process for crime scene management as it relates to the operations of a CBRNE CSIU Group
- Explain why effective monitoring and detection is essential at a hazardous environment crime scene, contaminated with CBRNE/TIC agents or materials
- Relate knowledge of chemical and physical properties of materials to effective monitoring and detection
- Locate, document, collect, and preserve physical evidence from a mock CBRNE/TIC-contaminated crime scene
- Field-screen evidence using pH paper, radiation detectors, photoionization detectors, and a combustible gas indicator
- Select appropriate PPE based on hazard and risk assessment, types of harm, hazard physical state, concern level, and amount
- Recognize limitations of using PPE in a CBRNE/TIC agent or material hazardous environment
- Inspect, don, function in, and doff PPE following proper procedures in a simulated CBRNE/TIC hazardous environment
- Describe the principles for decontaminating evidence, equipment, and personnel
- Collect and package all types of evidence at least once as the evidence facilitator and once as the evidence collector
- Document, process, collect, and package latent fingerprints, hair and fiber evidence, serological and DNA evidence, trace and transfer evidence, and impression evidence according to prescribed procedures and using the appropriate collection and packaging equipment
- Describe various methods of crime scene documentation
- Discuss the use of crime scene mapping technologies in a CBRNE/TIC-contaminated environment
- Collect data using a laser scanner and global positioning system (GPS)
- Identify three CBRNE/TIC agent or material clandestine laboratories by recognizing and

distinguishing lab equipment, processes, notes, and precursor materials and identifying evidence recovery sites

- Use supplied reference materials and the Participant Guide to establish evidence types, CBRNE/TIC forensic evidence recovery locations, conventional forensics evidence types and locations, safety and evidence recovery priorities, and evidence recovery plan for two labs
- Describe indicators of CBRNE/TIC agents or materials at a crime scene
- Recover physical forensic evidence (CBRNE/TIC and conventional) at a CBRNE/TIC-contaminated crime scene, following proper procedures
- Distinguish the role of the CSI at a CBRNE/TIC-contaminated crime scene versus the non-CBRNE/TIC-contaminated crime scene
- Select appropriate evidence collection protocols, procedures, documentation equipment, screening equipment, packaging equipment, and protective equipment for entering a hazardous environment crime scene contaminated by CBRNE/TIC agents or materials
- Document, screen, classify, process, collect, package, and preserve multiple items of contaminated conventional and CBRNE/TIC forensic evidence at a hazardous environment crime scene contaminated by CBRNE/TIC agents or materials
- Describe the after-action report (AAR), post-incident debriefing, and critical stress impacts

Other Prerequisites:

To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID). This Advanced Forensic Investigations for Hazardous Environments course is designed for CSI personnel who meet the following requirements:

- Employed by a governmental law enforcement agency responsible for investigating crime scenes
- Be fit to wear respiratory protection jurisdiction must verify that participants are medically fit)
- Has successfully completed the following prerequisite institutionally delivered training:
 - Weapons of mass destruction (WMD) awareness-level training course or higher
 - IS-100.b Introduction to Incident Command System, JCS-J
 - 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

NTED

- Planning
- Public Information and Warning
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

- Law Enforcement

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-228.php>

Course Active?: Yes

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

PER-229

Training Provider: Louisiana State University

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 24.0

Continuing Education Units: General: 2.4

Duration (in Days): 3.0

Course Description:

This performance-level course provides training on the fundamental elements of the CAMEO Suite of programs as they relate to emergency situations. As such, it includes detailed technical information and hands-on practice of critical elements of the CAMEO system and its associated programs (CAMEO Chemicals, CAMEOfm, ALOHA, and MARPLOT).

To better understand how the programs interface, participants are provided opportunities to practice key procedures that allow users to enhance planning and response activities associated with community risks. These exercises clarify the connections between the programs and how they can enhance emergency planning and response activities.

Course Objectives:

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

- Use the CAMEO Chemicals program to perform searches for chemicals, view Chemical Datasheets, and create reactivity predictions between substances added to the MyChemicals list within the software
- Operate the CAMEOfm Facilities, Contacts, and Chemicals in Inventory modules
- Manage data using the CAMEOfm Special Locations, Routes, Incidents, and Resources modules
- Effectively conduct all basic operations of the MARPLOT software
- Use the search functions within MARPLOT to locate objects and map information, use the export function to share MARPLOT search results with others, and use MARPLOT in an emergency response scenario
- Utilize ALOHA for local emergency planning and response efforts involving toxic chemicals or flammables
- Use the CAMEO Suite to create a planning or response document for a local emergency event

Other Prerequisites:

None

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Intelligence and Information Sharing
- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Planning

NTED

- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond

Discipline(s):

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

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-229.php>

Course Active?: Yes

Response to Bombing Incidents, Residential**PER-230****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 24.0**Continuing Education Units:** General: 2.4**Duration (in Days):** 3.0**Course Description:**

The Response to Bombing Incidents, Residential (RBI) course trains emergency personnel of all disciplines to respond to the growing number of bombing incidents across the United States. This course guides participants through bombing response challenges, bombing threat response considerations, including evaluating threats when making evacuation vs shelter-in-place decisions, and response priorities following the immediate aftermath of a bombing. This course includes instructor-led lectures, tabletop exercises, and live-explosion demonstrations, allowing participants to understand the damaging effects of Improvised Explosive Devices. Participants who complete this course receive a DHS/FEMA training partner certificate from New Mexico Tech.

Course Objectives:

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

- Recognize bombing attack trends and the challenges they present to emergency personnel.
- Identify explosive composition and common military, commercial, and homemade explosives.
- Compare explosive types and blast effects.
- Recognize Improvised Explosive Devices (IEDs) and their components.
- Describe blast hazards, blast injuries, and protective actions to mitigate the risk of injury.
- Analyze Improvised Explosive Device (IED) detonations and their effects.
- Assess suspicious and unattended items and appropriate response strategies.
- Assess bombing threats, their unique circumstances, and response considerations.
- Conduct response operations during the immediate aftermath of a bombing.
- Summarize the sequence of events and emergency personnel response actions during the 2013 Boston Marathon bombings.
- Determine appropriate pre- and post-blast response operations at a bombing incident.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology - Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Response to Bombing Incidents, Residential Train-the-Trainer**PER-230-1****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 24.0**Continuing Education Units:** General: 2.4**Duration (in Days):** 3.0**Course Description:**

The Response to Bombing Incidents, Residential Train-the-Trainer (RBI) course trains emergency personnel of all disciplines to respond to the growing number of bombing incidents across the United States. This course guides participants through bombing response challenges, bombing threat response considerations, including evaluating threats when making evacuation vs. shelter-in-place decisions, and response priorities following the immediate aftermath of a bombing. This course includes instructor-led lectures, tabletop exercises, and live-explosive demonstrations, allowing participants to understand the damaging effects of Improvised Explosive Devices. Participants who complete this training course receive a DHS/FEMA training partner certificate from New Mexico Tech. Qualified participants who meet all course requirements are certified to teach an awareness-level (AWR-230) version of the course.

Course Objectives:

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

- Recognize bombing attack trends and the challenges they present to emergency personnel.
- Identify explosive composition and common military, commercial, and homemade explosives.
- Compare explosive types and blast effects.
- Recognize Improvised Explosive Devices (IEDs) and their components.
- Describe blast hazards, blast injuries, and protective actions to mitigate the risk of injury.
- Analyze Improvised Explosive Device (IED) detonations and their effects.
- Assess suspicious and unattended items and appropriate response strategies.
- Assess bombing threats, their unique circumstances, and response considerations.
- Conduct response operations during the immediate aftermath of a bombing.
- Summarize the sequence of events and emergency personnel response actions during the 2013 Boston Marathon bombings.
- Determine appropriate pre- and post-blast response operations at a bombing incident.

Other Prerequisites:

United States Citizenship. Certified as an instructor or assigned to a position responsible for conducting mobile training by their agency or other certifying authority.

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

NTED

- Security and Safety

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Prevention of Bombing Incidents, Residential**PER-231****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 32.0**Continuing Education Units:** General: 3.2**Duration (in Days):** 4.0**Course Description:**

(Formerly, "Prevention of and Response to Suicide Bombing Incidents, Residential")

The Prevention of Bombing Incidents, Residential course is designed to provide emergency first responders with the knowledge to help prevent criminal and terrorist bombing incidents as well as develop an awareness of bombing threats and trending ideologies. Participants are presented with information on each of the Seven Bombing Phases: Identify and Recruit, Train, Select and Surveil Target, Acquire Materials, Construct and Test Device, Move to Target, Detonate.

Course Objectives:

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

- Describe bombing attacks and their associated attack motivations and ideologies.
- Recognize the seven phases of a bombing attack.
- Analyze the actions of the Unabomber and their contribution to his identification and arrest.
- Distinguish the methods bombers are identified and recruited to conduct attacks.
- Recognize acquisition, construction, and testing of Improvised Explosive Devices (IEDs).
- Detect bomber training sources and bomb making instructions.
- Identify bomber target selection and surveillance operations.
- Identify interdiction tools and resources.
- Describe the actions and interdiction opportunities related to Najibullah Zazi's suicide bombing attack plot.
- Identify countermeasures to prevent and mitigate a bombing attack.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Situational Assessment

Mission Area(s):

- Prevent
- Respond

Discipline(s):

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

Training Certificates:

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New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Prevention of Bombing Incidents, Train-the-Trainer**PER-231-1****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 32.0**Continuing Education Units:** General: 3.2**Duration (in Days):** 4.0**Course Description:**

(Formerly, "Prevention of and Response to Suicide Bombing Incidents, Train-the-Trainer") The Prevention of Bombing Incidents, Train-the-Trainer course is designed to provide emergency first responders with the knowledge to help prevent criminal and terrorist bombing incidents as well as develop an awareness of bombing threats and trending ideologies. Participants are presented with information on each of the Seven Bombing Phases: Identify and Recruit, Train, Select and Surveil Target, Acquire Materials, Construct and Test Device, Move to Target, Detonate.

Qualified Train-the-Trainer program graduates are certified to become NMT/EMRTC First Responder Training Authorized Instructors and teach an awareness-level, shorter length, version of the course within their jurisdiction.

Course Objectives:

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

- Describe bombing attacks and their associated attack motivations and ideologies.
- Recognize the seven phases of a bombing attack.
- Analyze the actions of the Unabomber and their contribution to his identification and arrest.
- Distinguish the methods bombers are identified and recruited to conduct attacks.
- Recognize acquisition, construction, and testing of Improvised Explosive Devices (IEDs).
- Detect bomber training sources and bomb making instructions.
- Identify bomber target selection and surveillance operations.
- Identify interdiction tools and resources.
- Describe the actions and interdiction opportunities related to Najibullah Zazi's suicide bombing attack plot.
- Identify countermeasures to prevent and mitigate a bombing attack.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Situational Assessment

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Law Enforcement
- Security and Safety

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Medical Preparedness and Response to Bombing Incidents, Mobile**PER-233****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Continuing Education Units:** General: 1.6**Duration (in Days):** 2.0**Course Description:**

The Medical Preparedness and Response to Bombing Incidents course (MPRBI) is an instructor-facilitated course which employs instructional elements at both the performance level and the management and planning levels.

This course addresses the training gap for both emergency responders and first receivers to prepare for and respond safely and effectively to bombing incidents that may result in explosion-induced injuries and fatalities.

This 16-hour face-to-face course is a combination of lectures, case studies, and facilitated discussions delivered over two consecutive days.

The instructional team consists of Subject Matter Experts (SMEs) from New Mexico Tech and Texas A&M Engineering Extension Service (TEEX), who are partners and founding members of the National Domestic Preparedness Consortium (NDPC). The NDPC is tasked by the US Department of Homeland Security (DHS) to help improve emergency response capabilities and leadership in state, local and tribal jurisdictions.

Course Objectives:

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

- Module 1: Participants will be able to explain the need for medical preparedness and response tactics to bombing incidents.
- Module 2: Participants will be able to Discuss the purpose and function of the National Preparedness System (NPS) in guiding preparedness and response to bombing incidents.
- Module 3: Participants will be able to explain the threats that explosives and explosive devices pose to national safety and security.
- Module 4: Participants will be able to demonstrate understanding of response considerations and procedures by triaging and conducting bombing injury assessments for patients of a notional incident.
- Module 5: Participants will be able to assess the injuries of victims from a bombing incident.
- Module 6: Participants will be able to to discuss mental health resources for emergency personnel involved in a bombing incident response.

- Module 7: Participants will be able to analyze lessons learned from bombing responses.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Intelligence and Information Sharing

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Primary Screener / Personal Radiation Detector**PER-243****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Duration (in Days):** 1.0**Course Description:**

This course is designed to provide Participants with the capability to perform

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

Course Objectives:

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

Module 1: Preventive Radiological/Nuclear Detection (PRND) Core Elements

Terminal Learning Objective (TLO) 1.0 - Upon completion of this module, the Participant will be able to identify key concepts of the Preventive Radiological/Nuclear Detection (PRND) mission.

Module 2: Radiation Concepts and Safety Guidance TLO 2.0 - Upon completion of this module, the Participant will be able to identify basic radiation concepts and associate these with ALARA (As Low As Reasonably Achievable) concepts of time, distance, and shielding.

Module 3. Operation and Employment of the PRD TLO 3.0 - Upon completion of this module, the Participant will be able to employ a Personal Radiation Detector (PRD) and act as a Primary Screener.

Module 4. Assessing Alarms TLO 4.0 - Upon completion of this module, the Participant will be able to perform the duties of a Primary Screener, use a Personal Radiation Detector (PRD), discern the totality of the circumstances, and assess and adjudicate radiation alarms.

Other Prerequisites:

Participants must complete AWR-140, Introduction to Radiological/Nuclear WMD Operations, or equivalent radiation basic awareness training prior to attending the course.

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Operational Coordination
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Health Care
- Public Health
- Citizen/Community Volunteer
- Transportation
- Other

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

CTOS Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: www.ctosnnsa.org

Course Active?: Yes

Personal Radiation Detector (PRD), Train-the-Trainer**PER-243-1****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 8.0**Continuing Education Units:** General: 2.4**Duration (in Days):** 1.0**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.

Other Prerequisites:

Candidates for course PER-243-1 must meet the following prerequisites:• Successfully completed course AWR-140, Introduction to Radiological/Nuclear WMD Operations, or documented equivalent course• Successfully completed course PER-243 within the last 24 months If course PER-243 was completed more than 24 months prior to the start of course PER-243-1, participant will need to complete ONE of the following requirements:Within the last 12 months, completed course PER-300-W, PRND Primary Screener/Personal Radiation Detector (PRD) Refresher Course – Web-Based Training; or,Within the last 12 months, completed course PER-300, PRND

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Interdiction and Disruption
- Screening, Search, and Detection

Mission Area(s):

- Prevent

Discipline(s):

- Fire Service
- Law Enforcement
- Transportation

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-WMD-CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: Course POC: CTOS Registration Desk POC Work Email:

ctosreg@nv.doe.gov POC Work Phone: 877-963-2867 Registration Contact: www.ctosnnsa.org

Course Active?: Yes

Preventive Radiological/Nuclear Detection (PRND) Secondary Screener/Radio-Isotope Identification Device

PER-245

Training Provider: Nevada Test Site

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 16.0

Duration (in Days): 2.0

Course Description:

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

Course Objectives:

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

The course objective of PER-245 is to provide the Primary Screener with the knowledge and skills needed to meet the competencies and behaviors of the NIMS Secondary Screener Typed position in conjunction with the National Concept of Operations (CONOPS).

- **Module 1 Prevention Mission Framework.** The Participant will be able to summarize secondary screening and its role in the Global Nuclear Detection Architecture (GNDA), and in the Preventive Radiological/Nuclear Detection (PRND) mission.
- **Module 2 Radiation Basics.** The Participant will be able to restate radiation basics that are required for performance of secondary screening operations.
- **Module 3 Radio-Isotope Identification Device (RIID) Operations.** The Participant will demonstrate the ability to inspect, operate, and maintain a Radio-Isotope Identification Device (RIID) in performance of secondary screening activities or duties.
- **Module 4 Secondary Screening Operations.** The Participant will be able to utilize training in the role of a PRND Screener Type 1 and conduct activities within the National PRND Concepts of Operations (CONOPS) for various modes of operation.
- **Module 5 Effective Communications.** The Participant will be able to use suitable communication techniques to share relevant information with appropriate Preventive Radiological/Nuclear Detection (PRND) personnel and during direct contact with the general public.
- **Module 6 Secondary Screener/Radio-Isotope Identification Device(RIID) Drills and Evaluations.** The Participant will be able to execute the training and evaluation phases of the course by using the Job Performance Requirements (JPRs).

Other Prerequisites:

AWR-140, Introduction to Radiological/Nuclear WMD Operations, or equivalent training
orexperience
PER-243, Primary Screener/Personal Radiation Detector (PRD), or equivalent
training
orexperience

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Physical Protective Measures
- Public Health, Healthcare, and Emergency Medical Services
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: www.ctosnnsa.org

Course Active?: Yes

Preventive Radiological/Nuclear Detection Secondary Screener/Radio-Isotope Identification Device (RIID) Train-the-Trainer

PER-245-1

Training Provider: Nevada Test Site

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident, Indirect

Duration (in Hours): 24.0

Community Lifeline(s): Safety and Security, Hazardous Material

Duration (in Days): 3.0

Course Description:

This course is designed to train participants who are qualified instructors selected by their agency to deliver PER-245, Preventive Radiological/Nuclear Detection Secondary Screener/Radio-Isotope Identification Device (RIID). Participants will learn how to effectively train State, Local, Territorial, and Tribal (SLTT) Law Enforcement, Fire Department, first responders, and others who may participate in the Preventive Radiological/Nuclear Detection (PRND) mission and employ a Radio-Isotope Identification Device (RIID) within the bounds of their jurisdictions operational, environmental, and legal policies and procedures.

Course Objectives:

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

Module 1: Administrative Requirements for Indirect Course Instruction

Terminal Learning Objective (TLO) 1.0 Upon completion of this module, participant will be able to apply administrative requirements to indirect course delivery of the Preventive Radiological/Nuclear Detection Secondary Screener/Radio-Isotope Identification Device (RIID) (PER-245) course.

Module 2: Preventive Radiological/Nuclear Detection (PRND) Secondary Screener/Radio-Isotope Identification Device (RIID) (PER-245) - Facilitated Review

TLO 2.0 Upon completion of this module, participants will be able to interpret key concepts for each module in the PRND Secondary Screener/Radio-Isotope Identification Device (RIID) (PER-245) course.

Other Prerequisites:

Candidates must meet the following prerequisites:- Nominated by their agency- Provided instructor methodology credentials recognized by their state or local agencies to the Train-the-Trainer Program Administrator- Successfully completed AWR-140, Introduction to Radiological/Nuclear WMD Operations, or documented equivalent course- Successfully completed PER-243 course within the last 24 months

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Operational Coordination
- Physical Protective Measures
- Public Health, Healthcare, and Emergency Medical Services
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Leslie Maison

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: www.ctosnnsa.org

Course Active?: Yes

Primary Screener Backpack Basic Course**PER-246****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 4.0**Continuing Education Units:** General: 1.0**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

- Distinguish the differences between the capabilities of the Backpack and other National Incident Management System (NIMS) typed PRND equipment.
- Give examples of deployment methods commonly used with Backpack detectors.
- Point out operational limitations of the Backpack detector.
- Summarize the Backpack Operator's considerations when receiving a neutron alarm.
- Cite the common characteristics of Backpack detectors.
- Identify the standard and optional components of Backpack detectors.
- Identify operational considerations when employing the Backpack detector.
- Differentiate between the steps of the Alarm Response Guide (ARG).
- Describe special considerations for alarms on people, packages, vehicles and facilities

Prerequisite(s):

- PER-243: Primary Screener / Personal Radiation Detector

Other Prerequisites:

AWR-140, Introduction to Radiological/Nuclear WMD Operations, or equivalent training PER-243, Primary Screener/Personal Radiation Detector Course, or equivalent training as both a Primary Screener and in PRD operations.

Primary Core Capability:

Screening, Search, and Detection

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 Area(s):

- Prevent

Discipline(s):

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

NTED

- Public Works
- Citizen/Community Volunteer
- Security and Safety
- Search & Rescue
- Transportation
- Other

Training Certificates:

DHS Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

Course Active?: Yes

Comprehensive Cybersecurity Defense**PER-256**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 32.0

Duration (in Days): 4.0

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 cyber 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 perspectives, network design, and emerging methodologies in computer hacking

Other Prerequisites:

This course is a basic 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 Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

NTED

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

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

Course Link: <https://www.nationalcpc.org/course/per-256/>

Course Active?: Yes

Cybersecurity First Responder**PER-257**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 32.0

Duration (in Days): 4.0

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 cyber 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 cyber incident response process in order to accurately and successfully detect, analyze, and mitigate a cyber attack
- Describe the CFR process to include emergency assessment, containment, eradication, restoration, and the post-emergency response
- Describe secondary incident response techniques and the proper integration of these activities into the CFR process
- Define the proper techniques used to properly review, critique, and build upon the CFR process through a series of review meetings and lessons learned methods

Other Prerequisites:

This is an intermediate 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 Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

Course Link: <https://cybersecuritydefenseinitiative.org/cdi-courses/>

Course Active?: Yes

Hazardous Materials Technologies: Sampling, Monitoring, and Detection**PER-261****Training Provider:** Center for Domestic Preparedness**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 40.0**Continuing Education Units:** IACET: 4.0, CDPH: 40.0**Duration (in Days):** 5.0**Course Description:**

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

Course Objectives:

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

- Operate a MultiRAE®
- Operate an ALTAIR 5X®
- Operate a Lightweight Chemical Detector
- Select biological sampling technology
- Use a Pro Strips¿ 5 Rapid Screening System
- Use a BioCheck¿ Powder Screening Test Kit
- Operate a Rapid Analyte Measurement Platform® System
- Operate a Nano-Intelligent Detection System¿
- Select radiological monitoring technology
- Operate a Ludlum 2241-2
- Operate a SAM 940 Isotope ID
- Operate a RAD 60 Dosimeter
- Select explosives monitoring technology
- Operate a Fido® Explosives Trace Detector
- Operate an XD-2i Explosives Trace Detector

- Perform hazardous materials operations in personal protective equipment
- Perform solid sampling procedures
- Perform liquid sampling procedures
- Perform gas sampling procedures

Other Prerequisites:

Completed PER-272 Hazardous Materials Technician or other National Fire Protection Association or Occupational Safety and Health Administration conformant hazardous materials technician course
Completed IS-100 Introduction to the Incident Command
Completed IS-200 Incident Command System for Single Resources and Initial Action Incidents
Completed IS-700 An Introduction to the National Incident Management System
Completed IS-800 An Introduction to the National Response Framework
Be physically and mentally capable of operating in personal protective equipment that conforms tightly to the face or encapsulates the body

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- Infrastructure Systems
- Operational Communications
- Public Information and Warning
- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

- Fire Service
- Hazardous Material

Training Certificates:

Center for Domestic Preparedness Certificate of Completion

Course POC:

Michael Aguilar

POC Work Phone: 256-231-0231

POC Work Email: michael.aguilar@fema.dhs.gov

Course Schedule:

<https://cdp.dhs.gov/find-training>

Course Active?: Yes

Hands-On Training for CBRNE Incidents**PER-262****Training Provider:** Center for Domestic Preparedness**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 16.0**Duration (in Days):** 2.0**Course Description:**

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

Course Objectives:

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

- Don and doff personal protective equipment
- Perform scene survey and safety procedures
- Perform assigned duties in response to a CBRN incident involving mass casualties to include patient triage, rescue, and decontamination

Other Prerequisites:

Be physically capable of stand and walking for prolonged periods
 Be capable of lifting 40 pounds and larger loads as a member of a team
 Be physically capable of operating in personal protective equipment that fits tightly to the face and/or encapsulates the body

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 Area(s):

- Respond

Discipline(s):

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

Training Certificates:

- 391 -

Center for Domestic Preparedness Certificate of Completion

CDP

Course POC:

Michael Aguilar

POC Work Phone: 256-231-0231

POC Work Email: michael.aguilar@fema.dhs.gov

Course Schedule:

<https://cdp.dhs.gov/find-training>

Course Active?: Yes

Law Enforcement Active Shooter Emergency Response**PER-275****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Continuing Education Units:** General: 2.4**Duration (in Days):** 3.0**Course Description:**

The Law Enforcement Active Shooter Emergency Response course is designed to provide participants with the knowledge, skills, and abilities to rapidly deploy and neutralize violent offenders during active shooter incidents or mass casualty incidents in order to prevent the loss of innocent lives. It is designed to give the first responder the necessary tools to rapidly deploy and neutralize a violent offender during an active shooter incident, as well as save innocent lives. LASER achieves this 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:

- Evaluate individual and agency preparedness for an active shooter threat.
- Apply risk-based decision in an active shooter incident based on management considerations.
- Move effectively towards an active shooter.
- Demonstrate tactically sound techniques for engaging an active shooter.
- Use direct threat care to manage emergency bleeding during an active shooter incident.
- Effectively process a room during an active shooter incident. This involves post-entry with no threat, as well as post-engagement of a threat.
- Enter a room or building through a locked door or window using the fastest and safest method during an active shooter incident.
- Eliminate threats in a simulated active shooter incident using critical thinking and risk-based decision-making.
- Describe the tools and tactics needed to neutralize a violent offender in an active shooter incident to save innocent lives.

Other Prerequisites:

To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID). 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 course, participants should have completed Incident Command System (ICS) courses 100, 200, and 700.

Secondary Core Capability(s):

- Interdiction and Disruption
- Operational Communications
- Operational Coordination

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

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Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-275.php>

Course Active?: Yes

Law Enforcement Active Shooter Emergency Preparedness, Customized**PER-275-C****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Continuing Education Units:** General: 0.8**Duration (in Days):** 1.0**Course Description:**

The Law Enforcement Active Shooter Emergency Response, Customized course is designed to provide participants with the knowledge, skills, and abilities to rapidly deploy and neutralize violent offenders during active shooter incidents or mass casualty incidents in order to prevent the loss of innocent lives. It is designed to give the first responder the necessary tools to rapidly deploy and neutralize a violent offender during an active shooter incident, as well as save innocent lives. This course achieves this through classroom presentations and scenario-based practical exercises.

Course Objectives:

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

- Evaluate individual and agency preparedness for an active shooter threat.
- Apply risk-based decision in an active shooter incident based on management considerations.
- Move effectively towards an active shooter.
- Demonstrate tactically sound techniques for engaging an active shooter.
- Use direct threat care to manage emergency bleeding during an active shooter incident.
- Effectively process a room during an active shooter incident. This involves post-entry with no threat, as well as post-engagement of a threat.
- Eliminate threats in a simulated active shooter incident using critical thinking and risk-based decision-making.
- Describe the tools and tactics needed to neutralize a violent offender in an active shooter incident to save innocent lives.

Other Prerequisites:

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

Primary Core Capability:

On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Active?: Yes

Tank Car Specialist (TCS)**PER-290****Training Provider:** Transportation Technology Center, Inc.**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 40.0**Community Lifeline(s):** Transportation, Hazardous Material**Duration (in Days):** 5.0**Course Description:**

The Tank Car Specialist course is specifically designed as an intensive hazardous materials emergency response training for the specialist level and will bring the hazardous materials technician to the highest recognized level of training identified by Occupational Safety and Health (OSHA), National Fire Protection Association (NFPA), and Environmental Protection Agency (EPA) with a focus on freight rail incidents potentially involving flammable and combustible liquids and other hazardous materials transported by rail.

Participants will receive comprehensive training well beyond that of traditional hazardous materials technician training. The classroom information will be bolstered with hands-on scenarios that take place on the more than 50 rail tank cars present at SERTC's facility as well as 5 full-scale derailments. This ensures that participants not only know the necessary information but also how to apply it during a real-world incident.

The classroom portion includes information on railroad nomenclature, railcar designs, specialty features unique to the railroad, product transfer, containment methods, plugging and patching to including use of special containment devices and flaring operations. The course also covers rail vehicle threat and vulnerability assessments including actions and responses to any toxic or industrial hazardous materials release (e.g., flammable/combustible liquid rail transportation emergencies and WMD attacks on railcars).

The practical portion is split into 3 areas, each building towards the next. First is the SERTC highbay which contains protective housings, valves, interior cutaways of appurtenances and rail cars, emergency devices, and other props to give participants an understanding of the inner workings of rail cars and their components. Second is the transfer yard where participants learn how the various components on a railcar are actually used during transfers and flaring of liquids and gases under "normal" conditions. The final practical areas are the 5 full-scale derailments where participants will utilize all of the skills and knowledge gained to respond to a realistic emergency with full ICS staffing, appropriate PPE, and other emergency equipment.

After successful conclusion of this course, participants will be able to respond safely to railroad emergencies by prioritizing their actions, utilizing NIMS, working within the NRF, and bringing any intentional or accidental freight rail emergency to a successful conclusion.

Course Objectives:

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

Relate roles under traditional ICS to those that will be filled by railroad personnel;

Summarize necessary safety precautions utilized when working on or near railroads

Interpret the information given on railroad transportation paperwork;

Identify the various components of rail cars and locomotives and the risks associated with each;

Recognize the various marking used on rail cars and explain their relevance to response personnel;

Identify the features of non-pressure and pressure tank cars and predict the type of materials transported in them;

Assess the various types of damage that rail cars incur during an incident and its relevance to response personnel;

Identify toxic/poison inhalation hazards and other materials that are considered Rail Security Sensitive Materials (RSSM);

Determine and demonstrate an appropriate response to various incidents that may occur during the transportation of hazardous materials by rail.

Other Prerequisites:

It is highly recommended that participants complete their hazardous materials technician (or equivalent such as HAZWOPER), as well as NIMS 100, 200 and 700.

Primary Core Capability:

Critical Transportation

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- On-scene Security, Protection, and Law Enforcement
- Planning
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Respond
- Mitigation

Discipline(s):

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

NTED

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 719-584-0584

POC Work Email: SERTC@aar.com

Course Active?: Yes

Highway Emergency Response Specialist**PER-291****Training Provider:** Transportation Technology Center, Inc.**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 40.0**Community Lifeline(s):** Transportation, Hazardous Material**Continuing Education Units:**
General: 4.0**Duration (in Days):** 5.0**Course Description:**

This is an intensive highway transportation emergency response course intended to bring hazardous materials technicians to the specialist level as defined by OSHA, NFPA, and the EPA. Participants will be provided with detailed technical information on the design, construction, and function of the most common types of cargo tanks, intermodal and portable containers, and freight vans, as well as non-bulk packaging and compressed gas cylinders. This information will be used as a baseline to educate participants on the proper methods for the containment and mitigation of releases, proper transfer procedures, grounding and bonding, and proper safety procedures required during a highway emergency.

The classroom instruction will be reinforced by practical instruction on actual highway, intermodal, and non-bulk containers. Instructor-led demonstrations will build toward participant-led scenarios, and the entire class will cooperate in a final, large-scale response that closely replicates an incident that would be encountered by a responder. The final incident will require use of all of the skills and knowledge gained during the course in order to bring it to a successful conclusion. Proper scene assessment, damage assessment, confinement, containment, product removal, and transfers will all be evaluated during the incident to ensure that participants are capable of responding to these types of incidents upon completion of the course.

In addition to the response skills that are at the core of the course, participants will learn to assist in identifying vulnerabilities in their own local highway transportation systems so that organizations can pre-plan for incidents and minimize threats. Flammable/combustible liquid transportation incidents, hazardous materials, their possible impact on a jurisdiction, and the necessary components of NIMS and the NRF to prioritize organizational immediate actions and response operations are all covered throughout the course.

Course Objectives:

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

Identify the methods and materials of construction for highway and intermodal cargo tanks and containers; Review the hazards and appropriate response to an emergency associated with tractors powered by both conventional (diesel) and alternative fuels; Identify the packaging design, construction, and likely contents of non-bulk/bulk packaging as well as the appropriate response to a release; Identify various types of damage that a container can incur and evaluate the available

options including uprighting, transfer, and containment; Determine the proper methods for vapor suppression during a flammable liquids release; Apply the knowledge gained in the course to successfully mitigate a simulated highway emergency.

Other Prerequisites:

Successful completion of a Hazardous Materials Technician course (or an equivalent such as HAZWOPER), as well as NIMS 100, 200 and 700.

Primary Core Capability:

Critical Transportation

Secondary Core Capability(s):

- Critical Transportation
- Environmental Response/Health and Safety
- Planning
- Situational Assessment
- Threats and Hazard Identification
- Fire Management and Suppression

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

SERTC Administration

POC Work Phone: 719-584-0584

POC Work Email: SERTC@aar.com

POC Information: sertc@aar.com

Course Active?: Yes

Leadership and Management of Surface Transportation Incidents (LMSTI)

PER-292

Training Provider: Transportation Technology Center, Inc.

Course Level: Performance

Delivery Type(s): Residential

Duration (in Hours): 40.0

Community Lifeline(s): Transportation, Hazardous Material

Duration (in Days): 5.0

Course Description:

This course will enhance the participants' knowledge of surface transportation emergencies and hone their management skills to help them establish effective objectives, strategies, and tactics when assuming the command and/or general staffing roles. The knowledge gained during the course is then used to manage the participants of other technician- and specialist-level classes as they respond to simulated incidents under NIMS/ICS and the NRF guidelines and structures. Participants will be expected to complete proficiency requirements, all necessary NIMS/ICS documentation, and produce Incident Action Plans during live, hands-on scenarios and activities.

The curriculum includes 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 (SARA Title III), and the Emergency Planning Community Right to Know Act. It also covers site assessment issues, the D.E.C.I.D.E process, local emergency response processes, the National Response Framework (NRF), and prepares them for potential escalation of incidents from the local to the regional, state, and federal levels.

Course Objectives:

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

Identify and complete the required forms for a surface transportation incident under ICS; Identify and describe the duties of personnel under all branches of the Incident Command System; Describe the types of containers used to transport hazardous materials in all modes of transportation including highway, rail, and intermodal; Summarize the resources available in the event that a local jurisdiction is overwhelmed by a surface transportation incident; Demonstrate the effective application of NIMS/ICS principles during a live response

Other Prerequisites:

Successful completion of Hazardous Materials Awareness level and Operations level courses (or equivalent such as HAZWOPER) as well as NIMS 100, 200, 300, and 700 required prior to attending the course. It is strongly recommended that participants also complete a hazardous materials technician level course although it is not required.

Primary Core Capability:

Critical Transportation

Secondary Core Capability(s):

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

Mission Area(s):

- Prevent
- Respond

Discipline(s):

- Fire Service
- Hazardous Material
- Law Enforcement
- Transportation

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 719-584-0584

POC Work Email: SERTC@aar.com

POC Information: sertc@aar.com

Course Active?: Yes

HazMat/WMD Technician for Surface Transportation (HWMDTST)**PER-293****Training Provider:** Transportation Technology Center, Inc.**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 80.0**Community Lifeline(s):** Transportation, Hazardous Material**Duration (in Days):** 10.0**Course Description:**

This 80-hour course will prepare responders to take offensive measures to mitigate all types of hazardous materials incidents with a focus on surface transportation emergencies. Building upon the foundation laid by NFPA 472 and OSHA 1910.120, participants will receive classroom instruction, live demonstrations, and hands-on practical experience with all classes of hazardous materials and their various modes of transportation and storage. This course exceeds the requirements of a traditional hazardous materials technician certification by not only covering the information required by NFPA 472 and 1910.120, but also giving the participants the opportunity to apply their knowledge and skills on real-world, full-scale incidents involving hazardous materials in transportation.

The classroom portion of this course covers much of the required knowledge under NFPA 472 Operations as a refresher and all of the knowledge and competencies under NFPA 472 Technician. Additionally, a thorough review of all modes of transportation and common emergencies associated with them is given in conjunction with demonstrations on real highway, rail, and intermodal equipment to reinforce the information presented in the classroom.

Course Objectives:

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

- Demonstrate an understanding of the laws, regulations, and industry standards that apply to a hazardous materials response;
- Define ways that hazardous materials are harmful to people and the environment by identifying their chemical and physical properties;
- Determine the proper sources of information to utilize during a response;
- Summarize the roles that a hazmat technician may fill under NIMS/ICS;
- Demonstrate the proper selection of chemical protective clothing and respiratory protection for entry into an environment containing hazardous materials;
- Demonstrate proper decontamination of equipment and personnel exiting an environment containing hazardous materials;
- Identify the proper techniques for containing or confining a hazardous material across multiple environments;
- Recognize containers used to transport hazardous materials for rail, highway, and intermodal service;
- Demonstrate the skills acquired during class to properly respond to multiple hazardous materials incidents.

Other Prerequisites:

NIMS 100, 200, and 700 are required prior to participating in this course and it is strongly recommended (although not required) that participants complete courses equivalent to hazardous

materials awareness and operations.

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- Critical Transportation
- Planning
- Situational Assessment
- Threats and Hazard Identification
- Fire Management and Suppression

Mission Area(s):

- Respond
- Mitigation

Discipline(s):

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

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 719-584-0584

POC Work Email: SERTC@aar.com

POC Information: www.sertc.org

Course Active?: Yes

Testing an Emergency Operations Plan in a Rural EOC**PER-294****Training Provider:** Rural Domestic Preparedness Consortium**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Communications**Duration (in Days):** 1.0**Course Description:**

This eight hour performance-level course has been designed with a proactive approach to testing rural and tribal communities' Emergency Operations Plans (EOP) in an Emergency Operations Center (EOC) environment. The course provides relevant and valuable training to elected officials, EOC personnel, tribal government personnel, and rural community leaders. Participants are provided with opportunities to exchange perceptions and best practices while interacting with participants from responder organizations, public/private sector organizations, as well as other EOC personnel.

Course Objectives:

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

- Articulate the value of exercising an EOP.
- List rural planning and testing challenges.
- Describe the Homeland Security Exercise and Evaluation Program (HSEEP) and state how this course aligns with it.
- Define capabilities-based planning and its relevance to designing and developing effective exercises.
- List the aspects of EOC staffing and organization that need to be tested;
- Understand the importance of an EOC's primary roles in relation to testing and responding to an incident;
- Discuss EOC staffing models and aspects of the model that can be tested;
- Identify EOC equipment that needs to be tested for functionality and staff proficiency;
- Restate the importance of testing communications equipment for interoperability and redundancy;
- State the importance of testing procedures for activating and de-activating EOCs.
- List seven exercise types that can be used to test an EOP.
- Describe seven exercise types on the basis of purpose, type of player action, duration, real-time play, and scope.
- Compare and contrast operations-and discussion-based exercises.
- Describe the steps involved in designing, developing, and evaluating an exercise.
- Determine an optimal design and scope for an exercise using a pre-created worksheet.
- Develop an exercise to include objectives, a narrative, a list of detailed events, messages, and a list of expected outcomes using a pre-created worksheet.
- Evaluate the effectiveness of an exercise using specific criteria/checklist,.
- Demonstrate problem-solving techniques, coordinate resources, and employ EOC operating procedures during EOC response to a simulated emergency.
- Use a checklist to ascertain the comprehensiveness of an EOP.
- Conduct/participate in an internal Hot Wash as a means of self-evaluation.
- Evaluate the effectiveness of an EOP by comparing actions taken and resources employed during the scenario to those anticipated in the EOP.

Other Prerequisites:

*Participant must be a U.S. citizen or a foreign national approved by DHS.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Critical Transportation
- Infrastructure Systems
- Mass Care Services
- Operational Coordination
- Physical Protective Measures
- Public Information and Warning
- Situational Assessment

Mission Area(s):

- Common

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC)RDPC Help DeskPOC Work

Emailhelpdesk@ruraltraining.orgPOC Work Phone877-855-7372Additional POC

Information<https://ruraltraining.org>

Course Link: <https://ruraltraining.org/course-catalog/>

Course Active?: Yes

Social Media Platforms for Disaster Management**PER-304-W****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Performance**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 2.0**Continuing Education Units:** IACET: 0.2**Duration (in Days):****Course Description:**

This 2-hour web-based training provides participants with information on the strengths, challenges, and uses of social media platforms and provides the skills and knowledge to integrate social media into their current communication plans for disaster response and recovery.

Traditional media sources are a one-way form of communication where people are only consumers of content, whereas social media transforms people into both consumers and producers of content. These sources can provide quicker and more immediate real-time information of an event so that emergency response personnel have greater situational awareness and can make rapid decisions during crises. To utilize social media, pre-event preparation is necessary. This course will provide the information (and hands-on experience) necessary to start and execute the participants social media disaster plans.

Course Objectives:

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

- Integrate social media strategically into existing plans and policies in all phases of disaster management
- Implement the functions of common social media platforms to communicate, search, and perform analysis

Other Prerequisites:

None

Primary Core Capability:

Public Information and Warning

Secondary Core Capability(s):

- Community Resilience
- Intelligence and Information Sharing
- Operational Communications
- Situational Assessment

Mission Area(s):

- Prevent
- Respond
- Common

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Works
- Citizen/Community Volunteer

NTED

- Security and Safety
- Transportation
- Other

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: ndptc-training@lists.hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/delivery/3948/>

Course Active?: Yes

Nuclear Detonation Effects and Response Strategies**PER-307-W****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Online/Distance Learning**Duration (in Hours):** 4.0**Community Lifeline(s):** Hazardous Material**Continuing Education Units:**
General: 1.0**Duration (in Days):****Course Description:**

This web-based training course provides an overview of the expected effects and impacts of a nuclear detonation in a major U.S. city. It provides an overview of the current preplanning guidance and response strategy recommendations to maximize the preservation of life in an urban area if a nuclear detonation of this magnitude occurs. The course provides first responders, leaders, emergency planners, and support personnel with response guidance for a nuclear detonation incident, specifically 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 response operations, management, and planning.

Course Objectives:

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

- Identify the critical elements and gaps in planning for a response to a nuclear detonation, with 80% accuracy.
- Select the identifiers of a nuclear detonation and the main elements of each damage zone with 80% accuracy.
- Identify the hot zones, the dangerous radiation zone, and list life-saving actions with 80% accuracy.
- Identify effective sheltering and evacuation considerations and why cascading effects multiply the dangers and impede response efforts, with 80% accuracy.

Other 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

Primary Core Capability:

Situational Assessment

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

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

NTED

- Health Care
- Public Health
- Public Works
- Security and Safety
- Search & Rescue

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: Registration Desk, E-mail Address: ctosmttreg@nv.doe.gov Telephone Number:
877.WMD.CTOS*Registration Contact: www.ctosnnsa.org

Course Active?: Yes

Creating Economic Resilience for Tribal Nations**PER-311****Training Provider:** Georgia Tech Research Institute**Course Level:** Performance**Delivery Type(s):** Conference or Symposium, Virtual**Duration (in Hours):** 1.5**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Duration (in Days):** 1.0**Course Description:**

This course equips Tribal participants with tools, resources, and references to create economic resilience at the micro- and macro-economic levels. The course provides economic development, business, and community resilience partners with a disaster risk reduction tool that can be applied for local businesses and industries. Each lesson provides an opportunity for application of a business/industry disaster risk assessment, impact analysis, and mitigation measures to develop strategies for risk reduction and resilience that are specific for Tribal Nations. Participants will learn how to assess disaster risk for their Tribal Nation and throughout their supply chain and customer segments. The course content is customized for Tribal-related risks and industries, and practical exercises enable participants to apply the risk reduction method at the business and community level to enhance economic resilience.

Course Objectives:

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

This course will equip Tribal business and government leaders engaged in economic development, emergency management, and business activities with skills and resources to assist businesses and local industries in addressing the disaster risks to their operations and enhance their resilience.

Primary Core Capability:

Risk and Disaster Resilience Assessment

Mission Area(s):

- Recover
- Mitigation

Discipline(s):

- Governmental Administrative
- Other

Training Certificates:

Georgia Tech Research Institute Certificate of Participation

Course POC:

Doreen Kincaid

POC Work Phone: 404-897-0730

POC Work Email: dkincaid6@gatech.edu

POC Information: instructor@asg-inc.org

NTED

Course Active?: Yes

Risk Communication Techniques within Tribal Nations**PER-317-V****Training Provider:** Columbia University, National Center for Disaster Preparedness**Course Level:** Performance**Delivery Type(s):** Virtual**Duration (in Hours):** 4.0**Community Lifeline(s):** Food, Hydration, Shelter, Health and Medical, Communications**Duration (in Days):** 1.0**Course Description:**

This course will explore the nuances of effective risk communication within Tribal Nations. Participants will gain insights into culturally sensitive communication, community engagement, and trust-building strategies tailored to the diverse traditions of indigenous communities. The course will also address assessing information credibility, utilizing evidence-based resources, and employing various communication methods throughout all emergency management phases.

Course Objectives:

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

- Identify the impact of community engagement in risk reduction within Tribal Nations.
- Compare the various methods available to communicate during all emergency management phases.

Other Prerequisites:

It is recommended, but not required, that course participants have previous experience with disaster management principles.

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Community Resilience
- Long-term Vulnerability Reduction
- Operational Communications

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Other

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Thomas Chandler

POC Work Phone: 201-450-3211

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POC Work Email: tec11@columbia.edu

NTED

POC Information: ncdptraining@columbia.edu

Course Active?: Yes

Preventive Radiological Nuclear Detection Team Operations**PER-318****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 32.0**Duration (in Days):** 4.0**Course Description:**

The PRND Team Operations course provides Team Operators with the ability to perform multiple tasks typically performed during PRND missions including, chokepoints and checkpoints, wide area and facility sweeps. Additional material covers the Global Nuclear Detection Architecture, radiation fundamentals pertaining to team operators, and equipment selection and preparation.

Course Objectives:

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

- Describe international and domestic radiological/nuclear threats
- Differentiate between the primary radiological/nuclear Weapons of Mass Destruction(WMD) device types
- Identify the three geographical layers of the Global Nuclear Detection Architecture (GNDA)

Prerequisite(s):

- PER-243: Primary Screener / Personal Radiation Detector
- PER-245: Preventive Radiological/Nuclear Detection (PRND) Secondary Screener/Radio-Isotope Identification Device

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Operational Communications
- Operational Coordination
- Planning
- Situational Assessment

Mission Area(s):

- Protect

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

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POC Work Email: ctosmttreg@nv.doe.gov

NTED

Course Active?: Yes

Personal Protective Measures for Biological Events**PER-320****Training Provider:** Texas Engineering Extension Service**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Health and Medical**Continuing Education Units:**
General: 0.8**Duration (in Days):** 1.0**Course Description:**

Personal Protective Measures for Biological Events is a one-day course focusing on the challenges faced by first responders and clinical health care professionals in prehospital and hospital environments as they deal with Personal Protective Equipment (PPE) needs and potential contamination issues while dealing with highly infectious diseases.

The course provides participants with an overview of PPE and includes experiential learning activities on donning and doffing Level C PPE and technical decontamination. Additionally, participants review the different types of decontamination.

Course Objectives:

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

- Identify the characteristics of specific biological pathogens or agents in accordance with Centers for Disease Control and Prevention (CDC) guidelines.
- Select appropriate Personal Protective Equipment (PPE) for protection from exposure to specific biological pathogens or agents when given a biological pathogen or warfare agent in accordance with Centers for Disease Control and Prevention (CDC) guidelines.
- Practice donning and doffing PPE.

Other Prerequisites:

None.

Primary Core Capability:

Physical Protective Measures

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

NTED

- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Animal Emergency Services
- Citizen/Community Volunteer
- Education

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

TEEX WMD/Hazmat Operations Program

POC Work Phone: 979-500-6822

POC Work Email: wmdops@teex.tamu.edu

POC Information: <https://teex.org/class/per320/>

Course Link: <https://teex.org/class/per320/>

Course Active?: Yes

Homemade Explosives: Awareness, Recognition, and Response, Mobile**PER-325****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 0.8**Duration (in Days):** 1.0**Course Description:**

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

Course Objectives:

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

- Identify the processes and physical characteristics associated with explosive materials.
- Identify precursor materials used in the making of Homemade Explosives.
- Identify manufacturing indicators associated with the production of Homemade Explosives.
- Describe Homemade Explosives pre- and post-blast response strategies.
- Discuss community recognition opportunities regarding the production of Homemade Explosives.

Primary Core Capability:

Interdiction and Disruption

Secondary Core Capability(s):

- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Respond

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

NTED

POC Work Email: respond@emrtc.nmt.edu

POC Information: <http://www.emrtc.nmt.edu/training/portal/>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

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

PER-326

Training Provider: Transportation Technology Center, Inc.

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 16.0

Duration (in Days): 2.0

Course Description:

The Surface Transportation Emergency Preparedness and Security for Freight by Rail or Highway (STEPS-Freight) course goal is to provide participants with the training necessary to identify the roles and responsibilities of preparedness, prevention, and response to emergencies involving surface transportation freight and passenger systems. Participants will be able to identify the hazards of Hazardous Material/ Weapons of Mass Destruction (HazMat/WMD/IEDs) and apply this information to the appropriately to the applicable areas of an incident. Participants will gain familiarization with NIMS/NRF in order to prioritize organizational management needs, resource allocation, evacuation strategies and response operations. Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area and address the priorities of the National Preparedness Guidelines and Target Capabilities List to include Mission Areas such as Communications, Planning, Risk Management, CBRNE Detection, Critical Infrastructure Protection, On-site Incident Management, Responder Safety and Health, Citizen Evacuation and Shelter-in-Place, and others.

Course Objectives:

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

- Participants will be able to recognize the hazards and risks posed by historical HazMat/WMD and terrorist incidents to freight transportation by rail or highway systems, with special emphasis on improvised explosive devices (IEDs).
- Participants will be able to incorporate planning, incident management, and response procedures into freight transportation by rail or highway facility operations that are consistent with national directives for interagency operability.
- Participants will be able to recognize the components of a coordinated vulnerability and threat assessment, based upon a comprehensive hazard and risk analysis, with emphasis on HazMat/WMD and IEDs in freight transportation by rail or highway infrastructure.
- Understand the application of this process in identifying needs for addressing facility hardening and security.
- Participants will be able to identify the components of effective emergency operations plans, organizational standard operating procedures and strategies. The strategies take into account the available resources and response plans of partner agencies and organizations in order to facilitate an organized emergency response to HazMat/WMD and IED incidents at freight transportation by rail or highway facilities.
- Participants will be able to relate the importance collaborating with other public safety agencies and private sector organizations to plan for, prevent, train and respond to HazMat/ WMD and IED incidents at a freight transportation by rail or highway facility.
- Safely and effectively implement and manage a coordinated emergency response to a HazMat/WMD incident with special emphasis on IEDs, within a freight transportation by rail or highway system.

Other Prerequisites:

Participants should have responsibility for the management or security of 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
- Long-term Vulnerability Reduction
- Mass Care Services
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Logistics and Supply Chain Management
- Public Information and Warning
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 719-584-0584

POC Work Email: SERTC@aar.com

Alternative Fuels and Flammable Incident Response and Management (AFFIRM)

PER-327

Training Provider: Transportation Technology Center, Inc.

Course Level: Performance

Delivery Type(s): Residential

Duration (in Hours): 40.0

Community Lifeline(s): Safety and Security, Energy, Communications, Transportation, Hazardous Material

Continuing Education Units:
General: 4.0

Duration (in Days): 5.0

Course Description:

FEMA works with state, local, tribal and territorial governments to build and deliver resources and capabilities that ensure the nation can withstand climate hazards of today and those we anticipate for tomorrow. One of those hazards is the training and preparedness gap caused by the evolution of transportation fuels and related commodities. Fossil fuels such as crude oil and natural gas will likely be a vital part of our way of life for the foreseeable future, but our nation's continuing efforts toward clean energy means that the likelihood of responders encountering incidents involving alternative fuels is becoming more and more likely.

While crude oil and derived products have traditionally been the focus of training for flammable commodities, alternative fuels such as biodiesel and ethanol, hydrogen fuel cells, and electrified vehicles are becoming increasingly common nationwide. This course will fill the gap in training and preparedness for these types of incidents via classroom instruction and hands-on, full-scale, live-fire scenarios that will simulate incidents involving these materials.

Course Objectives:

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

At the conclusion of this course, participants will have a well-rounded knowledge of emergency response to all classes of flammable commodities and alternative fuels including battery electric vehicles, class 3 flammable liquids, and class 2 flammable gases.

Other Prerequisites:

Firefighter I (NFPA 1001) or similar training such as NFPA 1081 Hazardous Materials Operations (NFPA 470) or similar training such as OSHA HAZWOPER Introduction to the Incident Command System (IS-100) Basic Incident Command System for Initial Response (IS-200) Introduction to the National Incident Management System (IS-700)

Primary Core Capability:

Fire Management and Suppression

Secondary Core Capability(s):

- Critical Transportation
- Environmental Response/Health and Safety
- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Threats and Hazard Identification

NTED

Mission Area(s):

- Respond

Discipline(s):

- Fire Service
- Hazardous Material
- Transportation

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

SERTC Administration

POC Work Phone: 719-584-0584

POC Work Email: brandon-dean_morris@aar.com

POC Information: sertc@aar.com

Course Active?: Yes

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

PER-330

Training Provider: Transportation Technology Center, Inc.

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 16.0

Duration (in Days): 2.0

Course Description:

This course will provide information to allow participants to conduct threat assessments and identify vulnerabilities within state, local, and tribal jurisdictions as they relate to mass transit and passenger rail systems. Participants will be able to recognize and prioritize passenger transportation facilities and conveyances hardening in order to prevent and protect them against identified threats involving Hazardous Material/ Weapons of Mass Destruction (HazMat/WMD), and especially IEDs. As part of the National Priorities outlined in the Nation Preparedness Guidelines through the National Incident Management System (NIMS) with concurrence with the National Response Framework (NRF) efforts, participants will be able to implement security and response management plans, implement procedures on interagency communication, incident command, evacuation planning and national response resource needs and notification. Roles and responsibilities of both public and private sector will be highlighted as protection resources and response partners. Participants will demonstrate proper utilization the NIMS/NRF to prioritize organizational immediate actions and response operations.

Course Objectives:

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

- The Surface Transportation Emergency Preparedness and Security for Mass Transit and Passenger Rail (STEPS-PT) course goal is to provide participants with the training necessary to identify the roles and responsibilities of preparedness, prevention, and response to emergencies involving passenger surface transportation systems.
- Participants will be able to identify the hazards of Hazardous Material/ Weapons of Mass Destruction (HazMat/WMD) (to include special emphasis counter improvised explosive devices (IED)) and apply this information to the applicable areas of a passenger transportation incident.
- Participants will gain familiarization with NIMS/NRF in order to prioritize organizational management needs, resource allocation, evacuation strategies and response operations.
- Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area.

Other Prerequisites:

Participants should have some responsibility for the management or security of either facilities or jurisdictions in which mass transit or passenger rail systems are present. There are no specific course prerequisites; however, participants are strongly encouraged to complete incident management courses IS100, IS200, and IS700 online at www.nimsonline.com before attending this course.

Primary Core Capability:

Critical Transportation

Secondary Core Capability(s):

- Access Control and Identity Verification
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Planning
- Logistics and Supply Chain Management
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 719-584-0584

POC Work Email: SERTC@aar.com

Course Active?: Yes

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

PER-331

Training Provider: Transportation Technology Center, Inc.

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 5.0

Duration (in Days): 1.0

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 to prioritize organizational management needs, resource allocation, evacuation strategies and response operations.
- Participants will demonstrate proficiency during an incident while providing solutions to minimize the impact to the responders, the citizens, the environment, and the critical infrastructure of the area.

Other Prerequisites:

Participants should hold elected or executive official level positions in public or private agencies or organizations that would have involvement in emergency preparedness. There are no specific course prerequisites, however it is strongly recommended that all participants be certified in FEMA's incident management courses NIMS IS100, IS200, and IS700.

Primary Core Capability:

Critical Transportation

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- On-scene Security, Protection, and Law Enforcement

NTED

- Operational Coordination
- Planning
- Logistics and Supply Chain Management
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect

Discipline(s):

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

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 719-584-0584

POC Work Email: SERTC@aar.com

Course Active?: Yes

Population Monitoring at Community Reception Centers**PER-332****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Duration (in Days):** 1.0**Course Description:**

This course is designed to provide the first responder and Community Reception Center (CRC) personnel with the individual skills needed to operate monitoring stations within the Community Reception Center (CRC)- or, similar reception centers to perform population monitoring and contamination reduction measures after a radiological or nuclear incident.

Course Objectives:

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

- TLO #1: Upon completion of this module, Participants will describe the purpose and the components of a CRC in radiological/nuclear incident.
- TLO #2: Upon completion of this module, Participants will be:
Familiar with basic radiation concepts.
Able to distinguish between various radiation detection and measuring devices.
Able to recall three survey techniques.
- TLO #3: Upon completion of this module, Participants will be able to:
Identify PPE.
Demonstrate donning and doffing procedures.
Discuss decontamination procedures at a CRC in a radiological/nuclear incident.
- TLO #4: Upon completion of this module, Participants will demonstrate contamination survey techniques performed during CRC operations.

Other Prerequisites:

No prerequisite is required to successfully complete this training. It would benefit the participant if they possess basic knowledge of radiation and familiarity with their jurisdiction's radiation equipment.

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Health and Social Services
- Mass Care Services
- Operational Communications
- Operational Coordination
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Screening, Search, and Detection
- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service

NTED

- Hazardous Material
- Law Enforcement
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Animal Emergency Services
- Citizen/Community Volunteer
- Other

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-693-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: Name: Registration Desk E-mail Address: ctosmttreg@nv.doe.gov Telephone
Number: 877-963-2867 *Registration Contact: ctosnnsa.org

Course Active?: Yes

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

PER-333

Training Provider: Rural Domestic Preparedness Consortium **Course Level:** Performance

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

Community Lifeline(s): Safety and Security, Food, Hydration, Shelter, Health and Medical, Communications, Transportation

Duration (in Days): 2.0

Course Description:

This course provides Tribal nations with the knowledge, skills and abilities necessary to effectively detect, respond to, and mitigate a disease outbreak, using a whole community approach. The course addresses the challenges that Tribal nations face in responding to a disease outbreak and focuses on a zoonotic disease outbreak response. A zoonotic disease is a disease that can be transmitted between animals (e.g., livestock, poultry, and wildlife) and humans. In Tribal communities, many opportunities for human-animal interaction exist on a daily basis, especially with livestock and poultry. In the case of influenzas, swine and poultry can be key reservoirs of the virus with possible transmission to humans. This interaction, potential exposure and infection route creates unique epidemiological challenges for public health, emergency management and agricultural agencies in Tribal communities. Isolation and quarantine strategies must be put in place not only for the affected human population, but also for the animal populations to limit spread of the disease. Utilizing a whole-community approach provides a foundation to incorporate all available community resources in the response effort. The target audience is Tribal community representatives and officials from emergency management, public health, law enforcement, fire, cooperative extension, medical services, environmental health, veterinarians and other animal health professionals.

Course Objectives:

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

- Describe a whole community response to a biological disease outbreak and identify key biological threats faced by Tribal communities;
- Identify how local, Tribal, state, and federal resources can be utilized in supporting biological disease outbreak response strategies in Tribal communities;
- Identify the steps involved in applying community-wide isolation and quarantine in the event of a biological disease outbreak
- Describe the steps necessary to maintain responder safety in the event of a biological disease outbreak in a Tribal community; and,
- Demonstrate the knowledge and skills necessary to safely respond to a biological disease outbreak in a Tribal community.

Practical Exercise Statement

- Present a realistic biological threat for the community in the form of a video scenario.
- Divide into groups and have them identify the response actions needed to protect their community from this threat (e.g. isolation and quarantine measures, etc.)
- Each group will determine what resources their community will need to address the zoonotic threat (e.g. proper Personal Protective Equipment (PPE), responder safety plans, etc.).
- From the list of resources needed, groups will identify those resources that already exist within

their community.

- For those resources that don't already exist within their community, they will brainstorm where and how they can reach out to/collaborate with others.
- Develop an action plan for after the training to implement any desired next steps.

Other Prerequisites:

Recommended NOT required: IS-100.c IS-700.b

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Operational Coordination
- Planning

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Rural Domestic Preparedness Consortium Certificate of Completion

Course POC:

Hannah Rogers

POC Work Phone: 606-677-6035

POC Work Email: hrogers@centertech.com

POC Information: Point of Contact (POC) RDPC Help Desk POC Work

Email helpdesk@ruraltraining.org POC Work Phone 877-855-7372 Additional POC

Information <https://ruraltraining.org>

Course Active?: Yes

Disaster Preparedness and Survival: A Guide for Individuals, Families, and Communities

PER-334

Training Provider: Texas Engineering Extension Service**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 12.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 1.2**Duration (in Days):** 1.5**Course Description:**

The Disaster Preparedness and Survival: A Guide for Individuals, Families, and Communities course is designed to teach individuals and families how to prepare for, survive, and recover from a disaster. Through a combination of classroom discussion and hands-on exercises participants will learn how planning and preparedness may increase the chances of both surviving a disaster and recovering from it more quickly. Topics of discussion include how to prepare for a disaster, take preservation actions during a disaster, and perform, as appropriate, light search and rescue operations to aid community members in the immediate aftermath of a disaster, whether natural or human-made.

Course Objectives:

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

- Describe the elements involved in disaster preparation.
- Explain how to survive various disasters, perform self-rescue, choose whether to shelter in-place or evacuate, and report status.
- Demonstrate how to search for, rescue, and care for others safely and effectively.
- Articulate the steps to take following a disaster to initiate the recovery process.
- Select a disaster survival strategy.

Other Prerequisites:

None.

Primary Core Capability:

Community Resilience

Secondary Core Capability(s):

- Economic Recovery
- Mass Care Services
- Mass Search and Rescue Operations
- Threats and Hazard Identification

Mission Area(s):

- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Citizen/Community Volunteer

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

NTED

TEEX Training Manager, Bill Dozier

POC Work Phone: 979-500-6829

POC Work Email: WAS@teex.tamu.edu

POC Information: WAS@teex.tamu.edu979-500-6829<https://teex.org/class/per334/>

Course Link: <https://teex.org/class/per334/>

Course Active?: Yes

Critical Decision Making for Complex Coordinated Attacks**PER-335****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Duration (in Days):** 2.0**Course Description:**

This course provides first responders from multiple disciplines with skills to manage the initial response to a large-scale attack in a chaotic environment during a complex coordinated attack (CCA). It aims to train responders in how to use intuitive skills such as observation, analysis, anticipation, and awareness to recognize the possibility of an attack involving multiple incidents of an extreme magnitude that inundate resources, exceed conventional tactics and strategies, and often require a joint response involving members from multiple disciplines and jurisdictions.

Topics for discussion include recognizing the characteristics of a potential CCA; coordinating and integrating the response of multiple disciplines and agencies; managing resources; using information gathering and sharing to develop awareness; and solving problems using creative thinking. Participants will learn to gather and disseminate critical information accordingly in order to facilitate rapid analysis. They will also learn to recognize and prevent potential response obstacles or risks to safety including self-deployment and over convergence of assets. Participants will apply the skills learned in Critical Decision Making for Complex Coordinated Attacks through interactive activities, facilitated discussion, and practical application in a training environment.

Course Objectives:

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

- Apply characteristics and indicators of a complex coordinated attack to an evolving incident to recognize if the incident may be a complex coordinated attack and better drive the response
- Respond to and manage atypical complex incidents effectively through a unified, multi-disciplinary approach
- Use Incident Command principles while supporting or managing the response to a complex coordinated attack
- Use skills in developing awareness, sharing information, and gathering intelligence to help prevent future attacks during the response to a complex coordinated attack
- Apply unconventional problem solving skills to address unconventional threats during a complex coordinated attack
- Use critical thinking to more effectively manage a complex coordinated attack

Other Prerequisites:

To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification (SID) number. It is also recommended that participants complete the following courses prior to enrolling in the course: · IS-100.b Introduction to Incident Command System · IS-200.b ICS for Single Resources and Initial Action Incidents

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Critical Transportation
- Intelligence and Information Sharing
- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Public Health, Healthcare, and Emergency Medical Services
- Situational Assessment

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

POC Information: Deyvon Cooper
E-mail address: dcooper@ncbrt.lsu.edu
Telephone number: 225-578-4464
Registration Contact: <http://www.ncbrt.lsu.edu>

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-335.php>

Course Active?: Yes

Active Threat Integrated Response Course**PER-340****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Continuing Education Units:** General: 2.4**Duration (in Days):** 3.0**Course Description:**

The Active Threat Integrated Response Course is a three-day, 24-hour, performance-level direct delivery course designed improve integration between law enforcement, fire, and emergency medical services during active threat incidents. 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 to increase survivability of victims in active shooter events.

Participants will discuss rescue task forces (RTFs), basic hemorrhage control and airway management, and organization of a unified response. Additionally, participants will take part in discipline-specific practical exercises that review skills in either law enforcement tactics or medical response. All participants will engage in a large-scale practical exercise that tests all of the concepts and skills introduced and practiced throughout the course.

Course Objectives:

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

- explain the need for responders and their agencies to prepare for an active threat incident before it occurs.
- describe the components of integrated command and the initial responder response model structure for an active threat integrated response.
- identify appropriate lifesaving techniques that can be used in a direct threat environment.
- identify appropriate lifesaving techniques that can be used in an indirect threat environment.
- demonstrate basic or advanced medical skills appropriate to an indirect threat care environment.
- operate tactically in an active threat environment.
- implement a staging area and rescue task force for a swift, integrated response by law enforcement, fire, and emergency medical services.
- employ appropriate lifesaving techniques that can be used in a direct or indirect threat environment.
- successfully integrate law enforcement, fire, and emergency medical services (EMS) into a unified response to an active threat.

Other Prerequisites:

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

Secondary Core Capability(s):

- Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services

NTED

- Fire Service
- Law Enforcement
- Security and Safety

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Joseph Gueno

POC Work Phone: 225-578-1375

POC Work Email: jgueno@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-340.php>

Course Active?: Yes

Active Threat Integrated Response Course, Customized**PER-340-C****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Continuing Education Units:** General: 0.1**Duration (in Days):** 1.0**Course Description:**

The Active Threat Integrated Response Course—Customized (ATIRC-C) is a 1-day, 8-hour, direct delivery course designed to improve integration between law enforcement, fire, and emergency medical services (EMS) during active threat incidents. The course provides specific technical knowledge and skills relative to each of these disciplines for improving the survivability of victims during an active threat incident.

Participants will discuss coordination, rescue task forces (RTFs), and organization of a unified response. All participants will engage in practical exercises that test all of the concepts and skills introduced and practiced throughout the course.

Course Objectives:

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

- explain the need for responders and their agencies to prepare for an active threat incident before it occurs.
- describe the components of integrated command and the initial responder response model structure for an active threat integrated response.
- implement a staging area and rescue task force for a swift, integrated response by law enforcement, fire, and emergency medical services.
- explain how coordination and resource integration between law enforcement, fire, and emergency medical services (EMS) increases effective response to active threat and mass casualty incidents.

Other Prerequisites:

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

Primary Core Capability:

On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s):

- Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Deyvon Cooper

POC Work Phone: 225-578-1375

POC Work Email: jgueno@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <http://www.ncbrt.lsu.edu>

Course Active?: Yes

Social Media Engagement Strategies**PER-343****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Communications**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

This eight-hour performance-level course is designed to provide participants with the knowledge and skills to implement strategies to better engage individuals and partner organizations. This course builds upon the existing PER-304-W Social Media for Natural Disaster Response and Recovery course by providing participants with more in-depth training in the use of content types, engagement strategies, and measurement tools for social media. This course will also help participants create a social media strategy and better adapt to changing needs and strategies throughout the phases of emergency management. The overall goal of this course is to provide participants with the knowledge and skills to use social media strategies and concepts to better engage individuals and partner organizations.

Course Objectives:

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

- Identify social media content types and describe factors to consider when creating accessible digital content
- Implement strategies to maximize content accessibility, support engagement through all phases of emergency management and explore legal, safety and policy considerations
- Measure effectiveness of social media activity against specific objectives
- Create a social media strategy including platform evaluation, branding, password management, content strategy, social calendars and reporting options

Other Prerequisites:

Suggested: PER-304-W Social Media for Natural Disaster Response and Recovery

Primary Core Capability:

Public Information and Warning

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Operational Communications
- Planning

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

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

NTED

- Citizen/Community Volunteer

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: blumm@hawaii.edu

POC Information: <https://ndptc.hawaii.edu/training/>

Course Link: <https://ndptc.hawaii.edu/training/catalog/31/#course-description>

Course Active?: Yes

Social Media Tools and Techniques**PER-344****Training Provider:** University of Hawaii, National Disaster Preparedness Training Center**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 8.0**Community Lifeline(s):** Communications**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**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-W Social Media Platforms in Emergency Management 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.

This course will introduce and exercise social media tools and techniques used by social media managers to support disaster preparedness, mitigation, response, and recovery. It aims to reach public and private sector organizations who have responsibility for conveying disaster-related information to the public or who are responsible for gathering information during and after a disaster.

Course Objectives:

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

Discuss and evaluate the value of social media platforms and content creation tools and techniques;

Describe necessary elements for a social media policy;

Identify strategies for crowdsourcing information to increase situational awareness; and

Apply social media tools and techniques in a comprehensive activity while implementing techniques to counter misinformation.

Other Prerequisites:

Suggested course: AWR-304-W Social Media Platforms in Emergency Management

Secondary Core Capability(s):

- Operational Communications

- Situational Assessment

Mission Area(s):

- Respond
- Common
- Mitigation

Discipline(s):

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

Training Certificates:

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

Course POC:

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: blumm@hawaii.edu

Course Link: <https://ndptc.hawaii.edu/training/catalog/32/#course-description>

Course Active?: Yes

Radiation Instruments Operations**PER-345****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Conference or Symposium**Duration (in Hours):** 4.0**Duration (in Days):** 0.5**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:

TLO 1.0 Upon completion of this module, the Participant will be able to identify basic instrument operations as they learn radiation concepts and the general characteristics and operations of dosimeters and Personal Radiation Detectors (PRDs).

TLO 2.0 Upon completion of this module, the Participant will be able to identify the general characteristics and basic operations of survey meters and probes.

TLO 3.0 Upon completion of this module, the Participant will be able to recall the general characteristics of Radio-Isotope Identification Devices (RIIDs).

Other Prerequisites:

AWR-140, Introduction to Radiological/Nuclear WMD Operations, or its web-based version, AWR-140-W.

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Medical Services

NTED

- Hazardous Material
- Law Enforcement
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Animal Emergency Services
- Citizen/Community Volunteer
- Security and Safety
- Search & Rescue
- Transportation

Training Certificates:

Nevada Test Site Certificate of Participation

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: www.ctosnnsa.org

Course Active?: Yes

Response to a Radiological Dispersal Device (RDD) - Overview and Implementation of the First 100 Minutes Guidance

PER-348

Training Provider: Nevada Test Site

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident, Residential

Duration (in Hours): 8.0

Duration (in Days): 1.0

Course Description:

The purpose of course PER-348, Response to a Radiological Dispersal Device (RDD) - Overview and Implementation of the First 100 Minutes Guidance, is to provide response-level training to those participants who, in the performance of their normal duties, could encounter a radiological/nuclear incident.

The participant will also be provided information on working in a radiological environment in the safest manner possible. It will be accomplished by explaining radiation detection methods, protective actions, and how to decontaminate based on the type of contamination experienced.

Course Objectives:

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

Identify the five missions and the ten tactics in responding to a Radiological Dispersal Device (RDD) detonation as described in the First 100 Minutes Guidance (National Urban Security Technology Laboratory [NUSTL], 2017).

Differentiate between the radiation types and select the appropriate detection equipment used to identify, distinguish, and measure them through Tactics 1, 2, 7, and 8 in the First 100 Minutes Guidance (NUSTL, 2017).

Determine which individuals at a RDD event will need to be decontaminated, determine the correct method, and perform the decontamination steps.

Other Prerequisites:

AWR-140, Introduction to Radiological/Nuclear WMD Operations, or equivalent

Primary Core Capability:

Operational Coordination

Secondary Core Capability(s):

- Mass Care Services

Mission Area(s):

- Respond

NTED

Discipline(s):

- Law Enforcement

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: www.ctosnnsa.org*Enter the website (preferred), e-mail or other information students should use to register for this course.

Course Active?: Yes

Preventive Radiological/Nuclear Detection (PRND) Maritime Operations**PER-350****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Duration (in Days):** 3.0**Course Description:**

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

Course Objectives:

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

- 1.0 Identify the Preventive Radiological/Nuclear Detection (PRND) mission and the role of National Incident Management System (NIMS) typed maritime detection teams.
- 2.0 Demonstrate the ability to operate Preventive Radiological/Nuclear Detection (PRND) equipment in a maritime environment.
- 3.0 Identify the role of the Primary/Secondary Screener and the assessment of alarms.
- 4.0 Identify operational factors that may impact maritime Preventive Radiological/Nuclear Detection (PRND) operations.
- 5.0 Summarize the critical tasks involved in PRND maritime operations.
- 6.0 Demonstrate collaborative maritime operation drills.

Other Prerequisites:

· Basic operational understanding of small boats and/or part of a maritime team· Primary Screener/Personal Radiation Detector (PRD) Basic Training· Basic understanding of the Radiological Nuclear Detection Mission

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Interdiction and Disruption
- Operational Coordination
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect

Discipline(s):

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

Training Certificates:

DHS Certificate of Training

Course POC:

CTOS Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information:

- Registration Desk
- E-mail address: ctosmttreg@nv.doe.gov
- Telephone number: 877.WMD.CTOS
- *Registration Contact: www.ctosnnsa.org

Course Active?: Yes

Preventive Radiological/Nuclear Detection Team Leader**PER-351****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Residential**Duration (in Hours):** 16.0**Duration (in Days):** 2.0**Course Description:**

The Preventive Radiological Nuclear Detection (PRND) Team Leader course provides experienced PRND Team Operators with the required training to attain this supervisory position. The course is designed to produce participant proficiency in the performance of the duties associated with the position as outlined in the NIMS typing documents. The course builds on the knowledge of the Team Operator and provides the opportunity to apply this knowledge to real world scenarios and practical exercises. At the completion of the course the participant can complete the qualification and credentialing process with his agency by use of a Position Task Book (PTB) supplied with the course materials.

Course Objectives:

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

- Identify the components of the PRND Framework, and be able to discuss the general function of each component
- Outline planning and mission concepts of PRND Team Operations, and identify concerns to address in the planning stages.
- Describe the overall concept of Preventive Radiological/Nuclear Detection (PRND) Team Operations.
- Conduct pre and post operation briefings, transition from prevent operations to response duties, and lead team demobilization activities.
- Understand the scope of Team Leader Responsibilities for a PRND Team Operation.
- Explain the components and procedures required to mobilize and demobilize PRND Teams, and complete the operation.

Other Prerequisites:

• ICS-100 Introduction to the Incident Command System· ICS-200 Basic Incident Command/ICS for Single Resources and Initial Action Incidents· IS-700 National Incident Management System (NIMS): An Introduction· PER-243 Primary Screener/Personal Radiation Detector Course· PER-245 PRND Secondary Screener/Radioisotope Identification Device (RIID)· PER-246 PRND Backpack Operations for the Primary Screener· PER-318 PRND Team Operations· Trained to the PRND Team Operator or Team Leader qualifications as verified by the Authority Having Jurisdiction (AHJ).

Primary Core Capability:

Planning

Secondary Core Capability(s):

- Intelligence and Information Sharing
- Interdiction and Disruption
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Operational Coordination

NTED

- Screening, Search, and Detection
- Situational Assessment

Mission Area(s):

- Prevent
- Respond

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: Name: Registration Desk E-mail Address: ctosmttreg@nv.doe.gov Telephone Number: 877.WMD.CTOS Registration Contact: www.ctosnnsa.org

Course Active?: Yes

Active Shooter Incident Management with Complex Incidents (24 hour)**PER-353****Training Provider:** Texas Engineering Extension Service**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security, Health and Medical, Communications**Continuing Education Units:**
IACET: 2.4**Duration (in Days):** 3.0**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 30 law enforcement, 20 fire/EMS, and 5 telecommunicator (dispatcher), 2 public information officers, 2 emergency managers, and one law enforcement helicopter pilot 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 Training (ALERT). 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)

Other Prerequisites:

FEMA IS-100 and IS-200 are required for certified law enforcement, fire, 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):

- Community Resilience
- Intelligence and Information Sharing
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Public Safety Communications
- Search & Rescue

Training Certificates:

Texas Engineering Extension Service Certificate of Completion

Course POC:

Bill Godfrey

POC Work Phone: 407-490-1300

POC Work Email: bill.godfrey@c3pathways.com

POC Information: info@c3pathways.com <https://teex.org/class/per353/>

Course Link: <https://teex.org/class/per353/>

Course Active?: Yes

Response to Radiological/Nuclear Weapon of Mass Destruction Incident**PER-354****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 24.0**Duration (in Days):** 3.0**Course Description:**

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

Course Objectives:

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

At the end of this course, Participants will be able to respond to radiological/nuclear Weapon of Mass Destruction (WMD) incidents effectively and safely within their agency-defined scope of operation. The Participant will be presented with the information and exercises to attain the knowledge, skills, and abilities to accomplish the following:

- Recognize a radiological/nuclear Weapon of Destruction (WMD) incident and the factors to consider when responding to this type of terrorist threat.
- Identify the Personal Protective Equipment (PPE) used at a radiological/nuclear incident.
- Determine how to conduct a radiological decontamination operation.
- Recall the adverse health effects of ionizing radiation and the operational considerations for working near elevated levels of ionizing radiation.
- Identify the different types of radiological equipment available to the Responder and define the different uses and application of that equipment.
- Determine how radiological equipment is used to perform surveys to locate radiological materials and to establish zones.
- Apply the guidance within Radiological Dispersal Device (RDD) Response Guidance: Planning for the First 100 Minutes in the recognition of radiological hazards, establishment of response priorities, and execution of operational tactics for response to an outdoor detonation of a Radiological Dispersal Device (RDD).

Other Prerequisites:

- Completion of course AWR-140, Introduction to Radiological/Nuclear WMD Operations
- Completion of course PER-345, Radiation Instruments Operations
- Trained to meet the competencies of NFPA 472 Chapter 5, Core Competencies for Operations Level Responders
- Trained to meet the competencies of NFPA 472 Chapter 6.2 Mission-Specific Competencies: Personal Protective Equipment (PPE)

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- Interdiction and Disruption
- Mass Care Services
- Mass Search and Rescue Operations
- On-scene Security, Protection, and Law Enforcement

- Operational Coordination
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Risk Management for Protection Programs and Activities
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: Name: Registration Desk E-mail Address: ctosmttreg@nv.doe.gov Telephone

Number: 877.WMD.CTOS*Registration Contact: www.ctosnnsa.org

Course Active?: Yes

PER-355, Radiation Instruments Employment**PER-355****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Residential**Duration (in Hours):** 4.0**Duration (in Days):** 0.5**Course Description:**

Course PER-355, Radiation Instruments Employment, is designed to satisfy the training needs of a specific jurisdiction by allowing them to select from a variety of drills. The course has a duration of 4 hours and is based on the jurisdiction's equipment (or CTOS equipment cache). Selection of the drills and practical scenarios can be determined during the pre-course visit between the jurisdiction and the CTOS course coordinator. Job Performance Requirements (JPRs) will be used to assess the required skills. The collection of these assessment tools (JPRs), as well as the cache of drills, will continue to evolve as needs are identified within the various jurisdictions.

Course Objectives:

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

The participant, given a scenario selected by the host agency, will demonstrate the tasks required to complete the assignment identified in the JPRs and station guide(s) selected by the sponsoring jurisdiction.

Other Prerequisites:

Participants must have completed training in instrument operations, which may include any of the following: dosimeters, personal radiation detectors, human-portable radiation detectors (backpacks), radio-isotope identification devices, survey meters, portal monitors, or vehicle-mounted detection systems (mobile systems). This prerequisite training depends upon the detection instruments selected by the jurisdiction to be used in the drill scenarios.

Primary Core Capability:

Screening, Search, and Detection

Secondary Core Capability(s):

- Interdiction and Disruption
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Prevent
- Protect
- Respond

Discipline(s):

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

NTED

- Citizen/Community Volunteer
- Security and Safety
- Search & Rescue
- Transportation

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Leslie Maison

POC Work Phone: 702 295-0590

POC Work Email: MaisonLM@nv.doe.gov

POC Information: Name: Registration Desk E-mail Address: ctosmttreg@nv.doe.gov Telephone Number: 877.WMD.CTOS*Registration Contact: www.ctosnnsa.org

Course Active?: Yes

Tactical Hazardous Materials Operations for Surface Transportation**PER-367****Training Provider:** Transportation Technology Center, Inc.**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 40.0**Duration (in Days):** 5.0**Course Description:**

This 40-hour course is designed to provide participants with advanced knowledge and practical skills needed to respond to a complex, tactical surface transportation incident involving HazMat/WMD. Participants will then learn to operate real tactical weapons using Simunitions® non-lethal training weapons and ammunition while wearing protective clothing and respiratory systems. Participants will learn to respond properly to emergency incidents involving various modes of mass transit transportation, including heavy medium and light rail systems, commercial and school buses. Students will learn to select the Personal Protective Equipment and respiratory protection for the threat presented in any emergency. They will learn how to use monitoring equipment to help them determine what type of HazMat/WMD students may be confronting. Students will conduct site assessments, determine which level of protective equipment is appropriate for various situations, develop tactical plans and conduct tactical assaults on full-scale passenger train cars, locomotives, commercial buses and school buses. Students will be involved in a variety of Shoot OR Don't Shoot situations utilizing simunitions. Scenarios also involve Active Shooter role playing. After receiving the curriculum and participating in the scenario-based incidents, successful participants will be capable of overseeing and performing surface transportation emergency response activities during real life incidents.

Course Objectives:

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

- Follow the policies of TTCI/SERTC.
- Explain how performance is evaluated.
- Summarize the course and its agenda.
- Complete required documents (e.g., registrations, medical questionnaire).
- Identify the differences between HazMat and WMD emergencies from other types of emergencies
- Identify the DOT hazard classes and divisions of HazMat and common examples of materials in each class or division
- Define the ways HazMat/WMD are harmful to people, the environment, and property at incidents
- Define the types of health hazards associated with: Simple and chemical asphyxiants, Sensitizers/allergens, Systemic poisons, Convulsants, Caustics/corrosives, Irritants, Acute and chronic health hazards
- Define the following terms as related to contamination by radiation: Alpha Particles, Beta Particles, Gamma Rays, External Contamination, Internal Contamination, Time, Distance, and Shielding

Other Prerequisites:

Certified and active peace officer and / or formally attached to an agency tactical team. HazMat

NTED

operations level completion

Primary Core Capability:

On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Protect

Discipline(s):

- Law Enforcement

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Forrest Wieder

POC Work Phone: 719-584-7177

POC Work Email: forrest_wieder@aar.com

POC Information: Bridgette_paseka@aar.com SERTC.org

Course Active?: Yes

Hospital First Receivers: Detecting Radioactive Contamination**PER-370****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Residential**Duration (in Hours):** 8.0**Community Lifeline(s):** Health and Medical**Duration (in Days):** 1.0**Course Description:**

The PER-370, Hospital First Receivers: Detecting Radioactive Contamination course provides hospital first receivers/healthcare workers with essential knowledge and skills to assist them when responding to a radiological/nuclear Weapon of Mass Destruction (WMD) incident in the safest manner possible for themselves and victims. The first hour of the course consists of 3 lessons: Contamination Management, Radiological Detection, and Decontamination. The remaining time is spent using radiation instruments to do hands-on drills to locate and identify radiation contaminants, differentiate between alpha, beta, and gamma radiation; perform non-ambulatory victim decontamination; perform surveys to locate contamination on objects and people.

Course Objectives:

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

ELO 2.1 Recall fundamental principles of radiation.

ELO 2.2 Identify the purpose of contamination management.

ELO 2.3 Determine the best radiation detection instrument and probe for a given task.

ELO 2.4 Differentiate between the various decontamination methods and determine when to choose treatment over decontamination.

ELO 2.5 Detect and identify the presence of alpha, beta, and gamma radiation using the radiation using radiation detection instruments and methods provided in this course.

ELO 2.6 Decontaminate and safely package contaminated non-ambulatory victims using the best practices introduced in this course.

ELO 2.7 Perform radiological surveys to locate and identify radiological contaminants on person, place or thing

Other Prerequisites:

Recommended: AWR-140, or AWR-140-W, Introduction to Radiological/Nuclear WMD Operations or AWR 410 W, Hospital Radiological Emergency Operations: Hazards and Countermeasures, or equivalent training.

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Emergency Medical Services
- Health Care
- Public Health

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-WMD-CTOS

POC Work Email: ctosmttreg@nv.doe.gov

POC Information: HOURS OF OPERATION: Mon-Thu, 7:00am-5:00pm (PST)PHONE: 1 (877)

WMD-CTOS / 1 (877) 963-2867EMAIL: ctosreg@nv.doe.govFor Emergencies after-hours and weekends please call: (702) 409-9087

Mobile Training Information and Registration

EMAIL: ctosmttreg@nv.doe.gov

CTOS (For Remote Trainer Requests)

EMAIL: ctosrmttrnr@nv.doe.govEFAX: (702) 537-2639

CTOS Indirect Training

EMAIL: ctosindirect@nv.doe.gov

Course Active?: Yes

Cybersecurity Incident Response and Management**PER-371**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Residential

Duration (in Hours): 24.0

Community Lifeline(s): Safety and Security, Energy, Communications

Continuing Education Units:
IACET: 2.4

Duration (in Days): 3.0

Course Description:

Cybersecurity has become one of the nation's most serious challenges today. The US

Department of Homeland Security's 2022 National Preparedness Report (NPR) highlighted the emerging threats of compromised digital network infrastructures to both private and government sectors and to our communities.

According to the 2022 NPR, SLTT governments and the private sector will experience an array of cyber-enabled threats designed to access sensitive information, steal money, force ransom payments, cause service disruptions, and even impact the health of people living in the United States. This increase in cyber threats and attacks makes it critical for technology personnel, risk managers, and emergency managers to understand how to work together to respond, react, manage, and report cybersecurity incidents.

The Cybersecurity Incident Response and Management course utilizes NIST 800-61r2 to introduce participants to the cyber incident lifecycle. By engaging with a virtual cyber range, participants will gain practical, hands-on experience in responding to simulated real-world cyberattacks, enhancing their understanding of the critical role of information exchange during live cyber incidents.

This course integrates the Incident Command System (ICS) that ultimately equips the public and private sectors with the framework, knowledge and practical skills needed to effectively navigate and manage the full spectrum of the cyber incident lifecycle.

Course Objectives:

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

- Analyze elements of cybersecurity incident response
- Evaluate how cybersecurity operations can be integrated into the Incident Command System for

a cybersecurity incident

- Analyze data discovered during simulated cybersecurity incidents
- Apply strategies for containing and eradicating malicious software
- Assess appropriate recovery strategies that need to be implemented to ensure a timely and effective recovery from a cybersecurity incident
- Perform strategies for containing and eradicating malicious software
- Manage a multi-faceted cybersecurity incident

Other Prerequisites:

IS-100.c - Introduction to the Incident Command System, ICS 100AWR-395-W - Cybersecurity in the Workplace - <https://teex.org/class/awr395/>

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Intelligence and Information Sharing

Mission Area(s):

- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Health Care
- Public Health
- Public Safety Communications
- Public Works
- Information Technology
- Security and Safety
- Transportation
- Education

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

TEEX Cyber Training Manager, Bart Taylor

POC Work Phone: 979-500-6753

POC Work Email: Bart.Taylor@teex.tamu.edu

POC Information: Bart Taylor, TEEX Training Manager 979-500-6753

Course Link: <https://teex.org/class/PER371/>

Course Active?: Yes

Active Threats on Campuses: Protective Measures and Response**PER-374****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Continuing Education Units:** General: 0.1**Duration (in Days):** 1.0**Course Description:**

Active Threats on Campuses: Protective Measures and Response is an 8-hour, performance-level course that aims to strengthen the response capabilities of those working in a campus environment in preparation for a potential active threat incident.

Active threats are generally defined as any incident that by its deliberate nature creates an immediate danger to the campus community. Active threat incidents can include various weapons, numbers of attackers, and points of entry. One of the most common examples is active shooter incidents.

An active threat incident will test the resolve of both law enforcement first responders, as well as non-law enforcement campus personnel. It is critical for these parties to work together to prevent or mitigate the effects of an active threat. Participants will examine various techniques and principles that can be used to effectively combat active threats of all types.

During the course, participants will discuss emergency breaching, emergency response protocols, and initial patient management. Additionally, the course consists of a practical exercise that employs various active threat/active shooter scenarios intended to test the response capabilities of both law enforcement and non-law enforcement personnel. The course will provide participants with the opportunity to enhance their response skills to better improve the chance of survival in the event of an active threat incident.

Course Objectives:

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

- describe how this course will benefit them,
- recognize the importance of gaining entry to secured areas during an active threat incident,
- take appropriate emergency response measures during an active threat incident,
- identify lifesaving techniques that can be used by law enforcement and non-LE campus personnel in an active threat incident,
- respond appropriately to an active threat incident, and
- complete a comprehensive post-test and course evaluation.

Other Prerequisites:

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

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Citizen/Community Volunteer
- Security and Safety
- Education

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Deyvon Cooper

POC Work Phone: 225-578-1375

POC Work Email: jgueno@ncbrt.lsu.edu

POC Information: <http://www.ncbrt.lsu.edu>

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-374.php>

Course Active?: Yes

Surviving an Active Shooter: Run. Hide. Fight.**PER-375****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Duration (in Days):** 1.0**Course Description:**

This performance level course aims to train non-traditional first responders, including civilian employees, students, faculty, staff, patrons, and any other person who lives, works, or visits any location where an active shooter incident may occur. The course focuses on the various components of the Run. Hide. Fight. response paradigm, which is widely accepted and taught as one of the primary response paradigms regarding active shooter incidents. Participants will learn about the ways in which the Run. Hide. Fight. response paradigm can be applied in any active shooter incident, regardless of the location or other factors involved.

During the course, participants will discuss the three primary tenets of the response paradigm, evaluate how the paradigm can be incorporated into existing building emergency action plans, complete a practical exercise in which they demonstrate the response options, and become familiar with notable case studies in which the response options were either implemented or could have been implemented to prevent or mitigate the attack. The course includes lecture, group discussion, and practical application of course material, and seeks to prepare the target audience for an active shooter incident by providing them with plausible and effective response options.

Course Objectives:

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

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

- articulate the need for an effective response paradigm to combat active shooter incidents,
- employ the principles of the Run. Hide. Fight. response paradigm in the event of an active shooter incident
- incorporate the principles of the Run. Hide. Fight. response paradigm into existing building emergency action plans
- apply the Run. Hide. Fight. response paradigm based on various active threat incident characteristics

Other Prerequisites:

This course has a pre-test and a post-test. To enroll in this course, participants must be US citizens and must possess or obtain a FEMA student identification number (SID).

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

- Emergency Management
- Governmental Administrative

NTED

- Citizen/Community Volunteer
- Education

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Deyvon Cooper

POC Work Phone: 225-578-1375

POC Work Email: dcooper@ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-375.php>

Course Active?: Yes

Cybersecurity Proactive Defense**PER-377**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 32.0

Community Lifeline(s): Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material

Duration (in Days): 4.0

Course Description:

Cybersecurity Proactive Defense is an intermediate level course that uses hands-on computer lab exercises to simulate advanced attack vectors, sequential and escalating attack steps, and hands-on attack execution. Students learn penetration testing skills, defense analysis techniques, and real-time response and threat mitigation steps.

Course Objectives:

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

Upon completion of this course, students will

- Have a functional understanding of cyber security trends and statistics behind successful cyber attacks
- Learn what proactive measures could have been used to minimize the impacts or even prevent these attacks
- Understand the difference between traditional cybersecurity measures and proactive security techniques
- Understand the current and most common assessment types as well as emerging techniques used to establish a proactive posture
- Understand how to use Kali Linux as both an assessment and hunting tool
- be capable of identifying and reviewing appropriate threat intelligence feeds
- Understand how threat intelligence may be leveraged within proactive security efforts
- Be capable of identifying and selecting the best assessment type for their environment
- Be able to execute the technical processes necessary to ensure assessment success
- Understand penetration testing fundamentals, and the skill to assist with the planning, preparation and execution of a penetration test under the guidance of experienced professionals
- Be able to implement the hunting process, the steps to plan for and establish a hunting process, and the people, processes, and technologies behind a successful hunting program

Other Prerequisites:

One year experience as a system/network administrator or as a cybersecurity professional, two years preferred. An intermediate understanding of network concepts, along with general knowledge of computer operating systems, is required. Experience with handling cyber incidents is preferred.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Infrastructure Systems
- Intelligence and Information Sharing
- Interdiction and Disruption
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Public Information and Warning
- Threats and Hazard Identification
- N/A - Training and Education

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

POC Information: Jimmy Nobles; jwnobles@cji.edu; 501-570-8058

Course Link: <https://cybersecuritydefenseinitiative.org/cdi-courses/>

Course Active?: Yes

Transportation Container Loading and Unloading Emergency Response (TCLUER)

PER-381

Training Provider: Transportation Technology Center, Inc.**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 24.0**Community Lifeline(s):** Transportation, Hazardous Material**Duration (in Days):** 3.0**Course Description:**

This 24-hour course is a transportation-specific emergency program and addresses the potential hazards involved in the transfer of flammable liquids from rail, highway, pipeline, and fixed facility storage. It also examines the possible environmental impacts, the process of proper bonding and grounding at incidents; Association of American Railroads (AAR) Pamphlet 34, as well as mitigation planning and response procedures for spills and fires.

The classroom portion of this course will present participants with specific information on safe operations around commercial loading/unloading operations, chemical and physical properties of hazardous materials transferred, detection and monitoring equipment specific to these commodities, safety features and construction of both rail and highway containers, and tactical considerations for responding to emergencies at these facilities.

The practical portion of the course focuses on the specific fundamentals and skills associated with an emergency response to a commercial loading facility utilizing a commercial loading rack, 4 300-bbl tanks in concrete containment, a commercial pipeline pump, 3 full-sized rail cars, and various highway transportation containers. Fires and releases can be simulated from any area of the prop and participants will be able to apply the knowledge learned in the classroom to successfully mitigate spills and fires in very realistic situations. All training will be taught and conducted in compliance with all applicable standards including NFPA 1403, NFPA 472, and OSHA 1910.120.

Course Objectives:

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

Explain what is covered in 49 CFR as it applies to the loading, unloading, and movement of transportation containers; Summarize the information included in AAR Pamphlet 34; Identify the various authorized containers for the storage and movement of hazardous materials and the risks associated with them; Select the proper methods and equipment to safely respond to a loading/unloading incident; Describe the function, operation, and risks involved in the use of the equipment and infrastructure utilized during the loading and unloading of transportation containers; Identify the components required to create a successful Incident Action Plan for a loading facility; Demonstrate the use of various types of equipment necessary to respond to an incident at a loading facility.

Other Prerequisites:

It is recommended that participants have Firefighter I, or an equivalent level of training and Hazardous Materials Operations.

Primary Core Capability:

Environmental Response/Health and Safety

Secondary Core Capability(s):

- Critical Transportation
- Environmental Response/Health and Safety
- On-scene Security, Protection, and Law Enforcement
- Operational Coordination
- Physical Protective Measures
- Planning
- Situational Assessment
- Threats and Hazard Identification

Mission Area(s):

- Protect
- Respond
- Mitigation

Discipline(s):

- Fire Service
- Hazardous Material

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

Brandon-Dean Morris

POC Work Phone: 719-584-0584

POC Work Email: sertc@aar.com

POC Information: www.sertc.orgsertc@aar.com

Course Active?: Yes

Malware Prevention, Discovery, and Recovery**PER-382**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 32.0

Community Lifeline(s): Safety and Security

Duration (in Days): 4.0

Course Description:

The MPDR course stresses a proactive approach to preventing malware infections when possible, and how to efficiently and effectively respond to infections when they occur. Solutions and methods taught are non-vendor-specific and do not require participants to have costly specialized software when trying to implement class lessons at their own agencies. MPDR stresses proper malware preventative methods and, given the current state of malware infections, assumes that preventative measures will fall short. Accordingly, MPDR focuses on discovery, analysis, and recovery from malware infections.

Course Objectives:

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

The goal of MPDR is to provide technical personnel with the hands-on expertise necessary to prevent, discover, recognize, and recover from modern malware. Malware is a fundamental ingredient of a large number of computer network breaches and data theft incidents. MPDR is a four-day course that will expose participants to analysis of malicious software used by cyber-criminals and cyber-terrorists. After an introduction to modern malware, participants will learn how to prevent a malware outbreak, discover and identify malware through active network traffic analysis, prepare for dynamic analysis of malware samples of various types and intent, and how to isolate, remediate, and recover from a malware outbreak. Finally, the course will conclude a review of dynamic malware analysis, and a look at emerging trends in the use of malicious software in network intrusions and data theft.

Other Prerequisites:

Prerequisites: Minimum Prerequisite: Participants should have a minimum of 2 years experience as a system or network administrator, or as an IT security specialist; or should have successfully completed the CDI course, Comprehensive Cyberterrorism Defense (CCD). **Preferred Prerequisite:** Any experience with computer network intrusion response, plus a minimum of 3 years experience as a system or network administrator

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Community Resilience
- Cybersecurity
- Infrastructure Systems

NTED

- Intelligence and Information Sharing
- Threats and Hazard Identification
- N/A - Training and Education

Mission Area(s):

- Prevent
- Protect
- Recover
- Common

Discipline(s):

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

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course Link: <https://cybersecuritydefenseinitiative.org/cdi-courses/>

Course Active?: Yes

Document Inspection for Law Enforcement**PER-383****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Continuing Education Units:** General: 0.8**Duration (in Days):** 1.0**Course Description:**

The Document Inspection for Law Enforcement course provides participants with the skills to evaluate the authenticity of identification documents and ensure that documents are lawfully possessed.

This course provides a professional and comprehensive examination of overt and covert security features of genuine current state driver's licenses and federal travel documents. The course provides tools and techniques that participants can use during the interview process to identify imposters and to examine identification documents that subjects present to them.

Course Objectives:

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

- Identify reasons why it is important to recognize counterfeit and fraudulent documents and identify imposters using authentic identification documents.
- Identify the use of fraudulent documents to conduct criminal activity. Explain the characteristics of REAL ID-compliant identification.
- Recognize common security features of authorized identity documents.
- Confirm the authenticity of identity documents.
- Judge the authenticity of identity documents using knowledge of security features and using facial recognition techniques when comparing a document photo to the card holder.

Other Prerequisites:

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

Primary Core Capability:

Access Control and Identity Verification

Mission Area(s):

- Prevent
- Protect

Discipline(s):

- Law Enforcement

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Joseph Gueno

POC Work Phone: 225-578-1375

NTED

POC Work Email: jgueno@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-383.php>

Course Active?: Yes

Document Inspection Essentials**PER-383-C****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 4.0**Continuing Education Units:** General: 0.4**Duration (in Days):** 0.5**Course Description:**

The Document Inspection Essentials 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 travel documents.

Course Objectives:

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

- Identify reasons why it is important to recognize counterfeit and fraudulent documents and identify imposters using authentic identification documents.
- Identify the use of fraudulent documents to conduct criminal activity.
- Recognize common security features of authorized identity documents to confirm the authenticity of various identity documents.
- Summarize the processes used to identify fraudulent documents and verify that documents belong to the individuals who claim to own them.

Other Prerequisites:

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

Primary Core Capability:

Access Control and Identity Verification

Mission Area(s):

- Prevent
- Protect

Discipline(s):

- Law Enforcement
- Security and Safety

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Joseph Gueno

POC Work Phone: 225-578-1375

POC Work Email: jgueno@ncbrt.lsu.edu

Course Schedule:

ncbrt.lsu.edu

Course Link: www.ncbrt.lsu.edu

NTED

Course Active?: Yes

Law Enforcement Active Shooter Emergency Response, Two-Day**PER-384****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Continuing Education Units:** General: 1.6**Duration (in Days):** 2.0**Course Description:**

The Law Enforcement Active Shooter Emergency Response (LASER) course is designed to provide participants with the knowledge, skills, and abilities to rapidly deploy and neutralize violent offenders during active shooter incidents or mass casualty incidents in order to prevent the loss of innocent lives. It is designed to give the first responder the necessary tools to rapidly deploy and neutralize a violent offender during an active shooter incident, as well as save innocent lives. LASER achieves this 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:

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

- Evaluate individual and agency preparedness for an active shooter threat.
- Apply risk-based decision in an active shooter incident based on management considerations.
- Move effectively towards an active shooter.
- Demonstrate tactically sound techniques for engaging an active shooter.
- Effectively process a room during an active shooter incident. This involves post-entry with no threat, as well as post-engagement of a threat.
- Eliminate threats in a simulated active shooter incident using critical thinking and risk-based decision-making.
- Describe the tools and tactics needed to neutralize a violent offender in an active shooter incident to save innocent lives.

Other Prerequisites:

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

Primary Core Capability:

On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

POC Work Phone: 2255785528

- 479 -

POC Work Email: jgueno@ncbrt.lsu.edu

NTED

POC Information: ncbrt.lsu.edu

Course Active?: Yes

Improving Business' Financial Literacy and Management to Support Post-Disaster Economic Recovery

PER-385

Training Provider: Columbia University, National Center for Disaster Preparedness

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident, Conference or Symposium

Duration (in Hours): 4.0

Duration (in Days): 0.5

Course Description:

This instructor-based training will present information on how communities can plan for economic recovery after a disaster. The course will introduce lessons learned from recent disasters and will provide an overview of currently available resources and tools for disaster planning. The workshop will provide training consisting of planning tools and resources for the community to conduct disaster financial planning for pre-and post-disaster financial recovery. The curriculum will include opportunities to develop stronger partnerships between community actors, provide checklist-based resources for use in a pre- and post-disaster environment, and best practices for utilizing available resources.

This course will be held in-person, and offered at the Performance Level, designed to provide learners with information on business financial literacy and the potential financial effects of disasters. Some of the areas covered in the course include developing pre-disaster plans for financial literacy, understanding disaster assistance programs that are available to businesses, the importance of business continuity planning, and understanding a business's vulnerability to disasters.

Course Objectives:

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

- Identify key elements of business financial literacy, including critical components of pre-disaster planning, such as the benefits, hazards, risks, and key stakeholders, especially in vulnerable areas
- Restate business action steps for increasing disaster financial readiness in a disaster financial management strategy
- Identify components of a collaborative economic recovery plan that incorporates resources from public, private, and volunteer agencies
- Identify quantitative and qualitative tools useful in performing economic assessments after a disaster (e.g. assessing damage to property)
- Recognize ways to coordinate intermediate and long-term plans among whole-community partners who can support business financial recovery

Other Prerequisites:

It is recommended, but not required, that course participants have previous experience in financial management and disaster recovery.

Primary Core Capability:

Economic Recovery

Secondary Core Capability(s):

- Community Resilience
- Critical Transportation
- Economic Recovery
- Housing
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Supply Chain Integrity and Security
- Threats and Hazard Identification
- N/A - Training and Education

Mission Area(s):

- Prevent
- Protect
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Thomas Chandler

POC Work Phone: 646-845-2313

POC Work Email: tec11@columbia.edu

Course Link: crlcadmin@columbia.edu

Course Active?: Yes

Improving Individual and Households' Financial Literacy and Management to Support Post-Disaster

PER-387

Training Provider: Columbia University, National Center for Disaster Preparedness

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident, Conference or Symposium

Duration (in Hours): 4.0

Duration (in Days): 0.5

Course Description:

This instructor-based training will present information on how communities can plan for economic recovery after a disaster. The course will introduce lessons learned from recent disasters and will provide an overview of currently available resources and tools for disaster planning.

The workshop will provide a training consisting of planning tools and resources for the community to conduct disaster financial planning for pre-and post-disaster financial recovery. The curriculum will include opportunities to develop stronger partnerships between community actors, provide checklist-based resources for use in a pre- and post-disaster environment, and best practices for utilizing available resources.

This course will be held in-person, and offered at the Performance Level, designed to provide learners with information on individual and household financial literacy and the potential financial effects of disasters. Some of the areas covered in the course include developing pre-disaster plans for financial literacy, understanding disaster assistance programs that are available to individuals and households, and understanding vulnerability to disasters.

Course Objectives:

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

- Identify key elements of individual/household financial literacy, including critical components of pre-disaster planning
- Recognize ways to coordinate intermediate and long-term plans among whole-community partners who can support individual/household financial recovery
- Identify components of a personal economic recovery plan that incorporates resources from public, private, and volunteer agencies
- Restate individual/household action steps for increasing disaster financial readiness in a disaster financial management strategy

Other Prerequisites:

It is recommended, but not required, that course participants have previous experience in financial management and disaster recovery.

Primary Core Capability:

Economic Recovery

Secondary Core Capability(s):

- Community Resilience
- Critical Transportation
- Economic Recovery
- Housing
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Supply Chain Integrity and Security
- Threats and Hazard Identification
- N/A - Training and Education

Mission Area(s):

- Prevent
- Protect
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Thomas Chandler

POC Work Phone: 646-845-2313

POC Work Email: tec11@columbia.edu

Course Link: crlcadmin@columbia.edu

Course Active?: Yes

Radiological Operations Support Specialist (ROSS)**PER-388****Training Provider:** Nevada Test Site**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Residential, Virtual**Duration (in Hours):** 32.0**Duration (in Days):** 4.0**Course Description:**

This program trains radiological specialists to become candidates for the position of Radiological Support Specialist (ROSS) based on the performance capabilities for the National Incident Management System (NIMS) Typed position. Topics include

- Radiological and Nuclear Emergency Response Mission Framework: Operations and Response Guidelines
- Response Resources
- Communicate Radiological Risk Information Effectively
- Health Physics and Dose Calculation Tasks
- Regulations, Recommendations, and Guidance
- Incident Characteristics
- Radiological Environmental Monitoring and Sampling Operations to Support Radiation Incident Scenarios
- Release and Transport Modeling and Software Tools
- Provide Radiological Support to Operations
- Mobilization and Demobilization

Course Objectives:

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

Summarize the actions necessary for the Radiological Operations Support Specialist (ROSS) to perform in the radiological response mission

Coordinate between various state, local, and federal agencies to assist in the effective and efficient use of resources

Understand how to use suitable communication techniques to share radiological risk information with appropriate Incident Command System (ICS) personnel and the general public

Identify the health physics and dose calculation tasks to be performed in radiological incidents

Identify the appropriate publications that provide regulations and guidance recommendations to protect the public, Responders, and the environment from exposure to radiological materials

Summarize the characteristics of a Radiological Dispersal Device (RDD), a Nuclear Power Plant (NPP) radiological release, and a nuclear detonation and the response mission considerations

Identify the environmental monitoring and sampling tasks to be performed in a radiological release incident

Identify the radiological material release and transport modeling tools used by the Radiological Operations Support Specialist (ROSS) in an incident

Summarize the tasks performed by the Radiological Operations Support Specialist (ROSS) in support of the Incident Command structure

Generalize the ROSS roles and responsibilities

Other Prerequisites:

It is expected that candidates are radiological subject matter expert with experience and training that goes beyond standard Hazmat training. Practical experience working with and making measurements of radioactive material or radiation-generating devices is required. A typical candidate would be a radiation safety officer with emergency response experience who has worked with federal or state radiological response assets. Several prerequisites must be completed before taking the class: IS-100: Introduction to the Incident Command System IS-200: Basic Incident Command System for Initial Response IS-700: An Introduction to the National Incident Management System IS-800: National Response Framework, an Introduction CTOS PER-307 Introduction to IND Efforts and Response Strategies As part of the course, the assigned read ahead must be completed for Module 5. Upon registration, the Participant will be notified of the location and access to the course material. Participant should be familiar with the RadResponder application, which is available at, <https://www.radresponder.net>

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Critical Transportation
- Environmental Response/Health and Safety
- Fatality Management Services
- Forensics and Attribution
- Health and Social Services
- Infrastructure Systems
- Intelligence and Information Sharing
- Long-term Vulnerability Reduction
- Mass Care Services
- Mass Search and Rescue Operations
- Natural and Cultural Resources
- On-scene Security, Protection, and Law Enforcement
- Operational Communications
- Physical Protective Measures
- Planning
- Public Health, Healthcare, and Emergency Medical Services
- Risk and Disaster Resilience Assessment
- Risk Management for Protection Programs and Activities
- Screening, Search, and Detection
- Situational Assessment
- Threats and Hazard Identification
- Fire Management and Suppression

Mission Area(s):

- Protect
- Respond

NTED

- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

Nevada Test Site Certificate of Completion

Course POC:

www.ctosnnsa.org

POC Work Phone: 877-963-2867

POC Work Email: ctosmttreg@nv.doe.gov

Course Active?: Yes

Drone Assessment and Response Tactics, Residential**PER-392****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 24.0**Community Lifeline(s):** Safety and Security, Communications**Continuing Education Units:**
General: 2.4**Duration (in Days):** 3.0**Course Description:**

The Drone Assessment and Response Tactics (DART), Residential course is an in-person format course hosted at the New Mexico Tech (NMT) Energetic Materials Research and Testing Center (EMRTC) training facilities.

The DART, Residential course provides emergency personnel with the knowledge and skills necessary to detect, identify, track, assess, respond, and report Unmanned Aircraft Systems (UAS) activity. Participants are presented with information on the current UAS criminal and terrorist threat, analog and electronic UAS detection techniques, and response tactics to address this threat. This course includes performance-based field demonstrations and exercises where participants are presented with varying UAS types, their capabilities, and simulated UAS threats involving Improvised Explosive Devices (IEDs).

Course Objectives:

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

- Recognize Unmanned Aircraft Systems (UAS) uses and components.
- Recognize the threat posed by the criminal and terrorist use of commercially available Unmanned Aircraft Systems (UAS) technology.
- Identify Counter Unmanned Aircraft System (C-UAS) tactics available to emergency first responders.
- Recognize regulations, laws, and policies pertaining to the use of Unmanned Aircraft Systems (UAS).
- Identify the Tactics, Techniques, and Procedures (TTPs) to detect UAS activity using visual, audio, or technological resources.
- Identify Unmanned Aircraft Systems (UAS) activity by distinguishing the type of UAS, classifying the payload, and determining possible unsafe or suspicious operation.
- Recognize effective methods to track Unmanned Aircraft Systems (UAS) activity and communicate this information to appropriate authorities.
- Assess Unmanned Aircraft Systems (UAS) activity and recommend response options and considerations.
- Discuss response considerations to deter unsafe, suspicious, or not actionable Unmanned Aircraft Systems (UAS) activity.
- Collect evidence from and report Unmanned Aircraft System (UAS) activity to the appropriate agencies.
- Recognize the issues when unknown UAS operations occur at a fire incident.
- Review successful use of integrated C-UAS at major event.
- Demonstrate the complex C-UAS response at associated 2017 NFL games.
- Recognize Unmanned Aircraft System (UAS) types and their characteristics.

- Detect and assess Unmanned Aircraft System (UAS) activity using a combination of analog and electronic detection methods.
- Recognize Unmanned Aircraft System (UAS) types and their characteristics.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Threats and Hazard Identification

Secondary Core Capability(s):

- Interdiction and Disruption

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Surviving School Bombing Incidents for Educators, Mobile**PER-393****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 4.0**Community Lifeline(s):** Safety and Security**Duration (in Days):** 1.0**Course Description:**

The Surviving Bombing Incidents for Educators (SBIED), Mobile course provides educators (teachers and personnel working in school environments) with the knowledge and skills necessary to perform critical life-saving actions in the immediate aftermath of a bombing incident. Educators are presented with lectures, discussions, and demonstrations on the hazards and injuries associated with bombings; these activities culminate in a series of performance-based exercises designed to allow course participants to practice live-saving tactics, techniques, and procedures in bombing scenarios.

The SBIE, Mobile course is delivered on location by New Mexico Tech (NMT) Energetic Materials Research and Testing Center (EMRTC) instructors at any qualifying emergency personnel agency or educational organization in the US.

Course Objectives:

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

- Recognize the continued need for the application of life-saving techniques and interventions immediately after a school bombing incident.
- Describe the physical characteristics and injuries associated with an explosion and general safety guidelines when encountering these incidents.
- Recognize the tactics and techniques necessary to safely respond in the immediate aftermath of a school bombing and conduct life-saving treatment to mitigate the effects of blast injuries and loss of life.
- Recognize treatable blast injuries in the immediate aftermath of a school bombing and the correct treatment options (tourniquets, pressure dressings, and hemorrhage control) and application methods.

Other Prerequisites:

United States Citizenship

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond
- Mitigation

Discipline(s):

- Education

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Post-Explosion Investigations, Residential**PER-394****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 35.0**Community Lifeline(s):** Safety and Security**Duration (in Days):** 5.0**Course Description:**

The Post-Explosion Investigations (PEI), Residential course is a performance-level course that provides emergency first responders tasked with investigating explosive crime scenes the skills required to safely and efficiently investigate the unique and hazardous events. Participants in this course are presented with methodologies to process explosive crime scenes utilizing current, standard forensic protocol (e.g., 2019 FBI Laboratory Division Handbook of Forensic Services), topics such as explosion dynamics, components of an explosive device, processing an explosive crime scene, investigative tools and techniques, and post scene processing requirements. This course combines classroom presentations with explosives-range demonstrations and exercises; the course culminates with an exercise designed to apply the concepts presented in the course and highlights the skills required of emergency first responders during the investigation of explosive crime scenes. This training will not replace the need for FBI Hazardous Devices School certified personnel to ensure explosive and scene safety and/or to mitigate explosive hazards.

The PEI, Residential course is an in-person format course hosted at the New Mexico Tech (NMT) Energetic Materials Research and Testing Center (EMRTC) training facilities.

Course Objectives:

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

- Recognize the need for the application of the unique forensic skills used in the investigation of explosive crime scenes.
- Discuss the dynamics of an explosive event; recognize the type and causes of explosion encountered; and identify commonly encountered energetic materials.
- Examine the dynamics of an explosive event; categorize the type and causes of explosion encountered; and distinguish commonly encountered energetic materials.
- Recognize improvised explosive devices (IED), IED components and function, in both a pre- and post-explosion state.
- Apply forensic evidence processing, collection techniques and tools to an explosive crime scene.
- Investigate an explosive crime scene utilizing current forensic protocols.
- Demonstrate processing techniques utilized to investigate an explosive crime scene utilizing current forensic protocols.
- List the support that will be utilized in the presentation and prosecution of a Post Explosive Crime Scene.
- Conduct explosive crime scene investigations in a scenario-based, post explosive event exercise.

Other Prerequisites:

- U.S. citizenship or lawful permanent resident status.
- Sufficient tenure remaining in their current or future position to allow for the application of course material upon their return.

Primary Core Capability:

Forensics and Attribution

Secondary Core Capability(s):

- Intelligence and Information Sharing

Mission Area(s):

- Prevent
- Protect

Discipline(s):

- Fire Service
- Law Enforcement
- Other

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Email: respond@emrtc.nmt.edu

POC Information: <http://emrtc.nmt.edu/training/portal>

Course Active?: Yes

Tactical Response to Suicide Bombing Incidents, Residential**PER-395****Training Provider:** New Mexico Institute of Mining and Technology**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 32.0**Community Lifeline(s):** Safety and Security**Continuing Education Units:**
General: 3.2**Duration (in Days):** 4.0**Course Description:**

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

Course Objectives:

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

- Recognize the suicide bombing threat and the variety of emerging tactics terrorists use to accomplish their objective.
- Define linear thinking and how disruptive behavior and tactics can defeat a suicide bombing threat.
- Recognize explosive characteristics, blast effects, and common military, commercial, and homemade explosives.
- Recognize and observe various explosives and their blast effects.
- Identify Suicide Bombing Improvised Explosive Devices (SBIEDs), their components, and their delivery methods.
- Recognize common explosives and demonstrate effective strategies to mitigate exposure to these hazards.
- Apply appearance and behavioral indicators to determine reasonable suspicion and probable cause in a suicide bombing attack.
- Evaluate strategies to respond to person-borne or vehicle-borne improvised explosive device attacks.
- Identify the tactical response to a suicide bomber using the 2010 Discovery Channel suicide bombing incident as an example.
- Recognize behavior and appearance indicators of a suicide bomber and demonstrate effective strategies to mitigate the threat and minimize exposure to explosive hazards.
- Identify response strategies needed to safely and effectively respond to a post-blast event.
- Recognize behavior and appearance indicators associated with the production of HME or IEDs or indicators of a suicide bomber and demonstrate effective strategies to mitigate the threat and minimize exposure to explosive hazards.
- Recognize behavior and appearance indicators of a terrorist suicide bomber incident and demonstrate effective strategies to mitigate the threat and minimize exposure to explosive hazards.

Other Prerequisites:

Participants for this course must be Law Enforcement - Tactical Officers. United States Citizenship

Primary Core Capability:

Interdiction and Disruption

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

**Initial Law Enforcement Response to Suicide Bombing Attacks,
Residential**

PER-396

Training Provider: New Mexico Institute of Mining and Technology

Course Level: Performance

Delivery Type(s): Mobile/Non-Resident, Residential, Virtual Reality

Duration (in Hours): 24.0

Community Lifeline(s): Safety and Security

Continuing Education Units:
General: 2.4

Duration (in Days): 3.0

Course Description:

The Initial Law Enforcement Response to Suicide Bombing Attacks (ILERSBA), Residential course is designed to provide law enforcement officers with the skills and knowledge to effectively interdict and respond to an imminent person-borne or vehicle-borne suicide bombing attack. The ILERSBA, Residential course provides participants with information on the tactics, techniques and procedures used by suicide bombers, safety considerations and response considerations relative to improvised explosive devices, and interdiction strategies for law enforcement officers. The course culminates with a series of practical exercises which provide participants with the opportunity to implement and demonstrate effective interdiction, mitigation, and response strategies related to suicide bombing incidents. This course is an in-person format course hosted at the New Mexico Tech (NMT) Energetic Materials Research and Testing Center (EMRTC) training facilities.

This course also offers mobile deliveries, however these are restricted to agencies or locations equipped with the necessary virtual reality equipment to host training. For more information, please contact New Mexico Tech.

Course Objectives:

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

Course Objective(s)

- Recognize the suicide bombing threat and the variety of emerging tactics terrorists use to accomplish their objective.
- Recognize explosive characteristics, blast effects, and common military, commercial, and homemade explosives.
- Recognize and observe various explosives and their blast effects.
- Recognize common explosives and demonstrate effective strategies to mitigate exposure to these hazards.
- Identify Suicide Bombing Improvised Explosive Devices (SBIEDs), their components, and their delivery methods.
- Recognize and observe various SBIEDs and their blast effects.
- Apply appearance and behavioral indicators to determine reasonable suspicion and probable

cause in a suicide bombing attack.

- Evaluate strategies to response to person-borne or vehicle-borne improvised explosive device attacks.
- Identify response strategies needed to safely and effectively respond to a post-blast event.
- Identify the tactics and techniques associated with a suicide bombing attack and describe effective response strategies to effectively mitigate any hazards.
- Recognize behavior and appearance indicators of a suicide bomber and demonstrate effective strategies to mitigate the threat and minimize exposure to explosive hazards.

Other Prerequisites:

- Participants must be Law Enforcement Officers.
- United States Citizenship.

Primary Core Capability:

Interdiction and Disruption

Secondary Core Capability(s):

- On-scene Security, Protection, and Law Enforcement

Mission Area(s):

- Respond

Discipline(s):

- Law Enforcement

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: Registration Contact: <http://www.emrtc.nmt.edu/training/portal>

Course Link: <https://www.nmttraining.com/Home/CourseCatalog>

Course Active?: Yes

Cybersecurity Resiliency in Industrial Control Systems**PER-398**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 8.0

Community Lifeline(s): Food, Hydration, Shelter, Energy

Continuing Education Units:
IACET: 0.8

Duration (in Days): 1.0

Course Description:

The Cybersecurity Resiliency in Industrial Control Systems course is designed to enhance understanding of the critical nature of Industrial Control System environments and the associated risks, threats, and defenses within an organization, business, or government entity. This course will introduce the convergence of physical security with cybersecurity, supervisory control and data acquisition (SCADA), and Industrial Control Systems security, increase awareness of the Internet of Things and Industrial Control Systems, and examine the threat landscape within Industrial Control Systems. Cyber threat mitigation techniques will be examined as well as methods of identifying cyber attacks and vulnerabilities. Tools to respond to and recover from cyber attacks on Industrial Control Systems will be addressed.

Course Objectives:

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

Upon successful completion of this course, participants will be able to:

- describe the Internet of Things (IoT) and Industrial Control Systems (ICS), and describe how they are integrated into critical infrastructure.
- identify the threat landscape for Industrial Control Systems (ICS).
- understand the process for mitigating cyber threats to Industrial Control Systems.
- identify how to detect cyber attacks and vulnerabilities on Industrial Control Systems.
- recognize how to respond to and recover from cyber attacks on Industrial Control Systems.

Other Prerequisites:

None.

Primary Core Capability:

Cybersecurity

Mission Area(s):

- Prevent
- Protect

Discipline(s):

- Emergency Management
- Governmental Administrative
- Law Enforcement
- Public Works
- Information Technology
- Security and Safety

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Business and Cyber Solutions

POC Work Phone: 800-541-7149

POC Work Email: bcs@teex.tamu.edu

POC Information: teex.org/class/per398

Course Link: teex.org/class/per398

Course Active?: Yes

Instructor Development Threat Evaluation and Reporting Course**PER-399-1****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident, Virtual**Duration (in Hours):** 24.75**Continuing Education Units:** General: 2.5**Duration (in Days):** 5.0**Course Description:**

The Instructor Development Threat Evaluation and Reporting Course (ID-TERC) will assist homeland security partners in identifying concerning or threatening behaviors in an effort to prevent mass attacks and targeted violence, regardless of motivation or ideology. The purpose of the ID-TERC is to empower federal, state, local, tribal, and territorial (F/SLTT) homeland security partners to utilize a four-step behavioral threat assessment process in the review of tips and leads to reduce the potential for violence within their areas of responsibility. Participants learn to apply this methodology to suspicious and/or threatening behaviors and are equipped with the resources to put these techniques into practice.

This course is designed to respond to an evolving threat landscape in the United States. As incidents of targeted violence continue to increase, the perpetrators of these incidents are often not ideologically motivated and do not appear to fit the definition of a terrorist. Perpetrators of these incidents are often responding to a perceived grievance, which can vary in nature. The ID-TERC builds upon the Nationwide Suspicious Activity Reporting (SAR) Initiative (NSI), which focuses on potential acts of terrorism, and trains partners to identify and evaluate threats to homeland security, regardless of motive.

Course Objectives:

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

Define targeted violence and threat assessment.

Explain how a threat assessment approach can lead to the prevention of targeted violence.

Differentiate between behavioral threat assessment (BTA), mental health risk assessment, Nationwide Suspicious Activity Reporting (SAR) Initiative (NSI), and criminal investigations.

Identify the elements and purpose of the pathway to violence model.

Identify the characteristics of an effective threat management team.

Apply privacy, civil rights, and civil liberties considerations when conducting a threat assessment.

Summarize the theoretical framework of behavioral threat assessment and importance of the value of community involvement in the threat assessment process.

Identify the purpose of each stage of the Threat Assessment Model.

Identify strategies to encourage involvement and reporting of tips and leads.

Explain the difference between holistic reviews and triage assessments and when each should be utilized.

Identify the actions to take for processing imminent and long-term threats.

Using the applicable toolkit, identify the key considerations when processing anonymous threatening communications.

Apply the appropriate toolkit protocols to triage real-life social media threatening communications.

Demonstrate the ability to apply the Threat Assessment Model to a real-life incident using the appropriate toolkits.

Adhere to federal laws, such as FERPA, HIPAA, and IDEA when conducting threat assessments.

Explain the goal of investigation.

Explain the process used to gather the appropriate data needed to substantiate the findings.

Identify the best sources for gathering the appropriate data.

Identify appropriate questions to ask to effectively and efficiently mine data.

List the possible barriers to effective threat management.

Identify the cues that indicate an interviewee is being deceptive by avoiding obstacles to effective interviewing skills and utilizing deception detection strategies.

Identify four types of biases that can impact one's perspective on a case.

List the primary goals of assessment and how to correctly report the findings.

Identify four considerations that should be applied to a case, one of which must include maintaining objectivity.

Identify the three steps for assessing a case: Gathering data while focusing on the totality of circumstances, interpreting threat enhancers and mitigators, and preparing the findings.

List the considerations that should be applied when gathering data.

Properly interpret threat enhancers (risk factors, triggers and stressors, warning behaviors, potential imminence) and mitigators.

Explain how enhancers relate to the pathway to violence in the stages of Research/Planning, Preparation for violence, and Probing/Breaching.

Using participant training materials, an overview of the perpetrator's planning and preparation process, and assessment process from the behavioral threat assessment approach, participants will analyze a case study of the July 20, 2012, mass shooting incident perpetrated by James Eagan Holmes at the Century 16 movie theater in Aurora, Colorado, and identify the risk factors, warning behaviors, signs of potential imminence, and mitigating factors. For consistency and accuracy, the instructor will use the criteria outlined in this guide to determine successful completion.

Identify the qualities of an effective threat management plan that mitigates the threat of violence and that is developed in accordance with applicable practices and policies.

Design, as part of a multi-disciplinary threat management team, an individualized management plan that incorporates creative interventions related to the Subject, Target, Environment, and Precipitating events (S.T.E.P.).

Apply case management resources to the management plan.

Other Prerequisites:

- Prior Knowledge of Potential School-Based Violence: Information Students Learn May Prevent a Targeted Attack, U.S. Department of Homeland Security, United States Secret Service, National Threat Assessment Center, May 2008
- Threat Assessment: An Approach to Prevent Targeted Violence; Robert A. Fein, Ph.D., Bryan Vossekuil, and Gwen A. Holden; National Institute of Justice, United States Secret Service, July 1995
- Threat Assessment: Defining an Approach for Evaluating Risk of Targeted Violence; Randy Borum, Robert Fein, Bryan Vossekuil, and John Berglund; Behavioral Sciences & the Law, January 1999
- Making Prevention a Reality: Identifying, Assessing and Managing the Threat of Targeted Attacks, U.S. Department of Justice, Federal Bureau of Investigation, National Center for the Analysis of Violent Crime, Critical Incident Response Group, February 2017
- A Study of the Pre-Attack Behaviors of Active Shooters in the United States Between 2000-2013, U.S. Department of Justice, Federal Bureau of Investigation, June 2018
- Mass Attacks in Public Spaces 2019, U.S. Department of Homeland Security, United States Secret Service, National Threat Assessment Center, August 2020
- Attend NTER Master Trainer orientation webinar
- Suggested outreach to state/local threat assessment team(s)
- Complete SAR Fundamentals and Processes e-Learning training

Primary Core Capability:

Intelligence and Information Sharing

Mission Area(s):

- Prevent

Discipline(s):

- Governmental Administrative
- Law Enforcement
- Security and Safety
- Education

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

POC Information: <http://www.ncbrt.lsu.edu>

Course Active?: Yes

Basic Threat Evaluation and Reporting Course (B-TERC)**PER-399-C****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Conference or Symposium**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security**Duration (in Days):** 3.0**Course Description:**

The Basic Threat Evaluation and Reporting Course (B-TERC) is a one-day training that teaches participants how to identify and report threats or observable behaviors that may concern others, to assist in preventing acts of targeted violence, such as, but not limited to, terrorism, school shootings, or mass attacks in public spaces. Participants are equipped with the tools to identify and report threats or observable behaviors that may concern others, as well as recognize intervention strategies to move individuals off of a pathway to violence.

This course is offered as a 1-day mobile delivery or a 2-day virtual delivery.

Course Objectives:

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

- Define targeted violence and behavioral threat assessment and management (BTAM).
- Explain how a BTAM approach can lead to the prevention of targeted violence.
- Differentiate between BTAM, mental health risk assessment, Nationwide Suspicious Activity Reporting (SAR) Initiative (NSI), and criminal investigations.
- Identify the elements and purpose of the pathway to violence model.
- Identify the purpose of each stage of the BTAM Model.
- Identify the characteristics of an effective BTAM team.
- Apply privacy, civil rights, and civil liberties considerations when conducting a BTAM process.
- Identify four types of biases that can impact one's perspective on a case.
- Summarize the theoretical framework of BTAM and importance of the value of community involvement in the BTAM process.
- Identify strategies to encourage involvement and reporting of tips and leads.
- Explain the difference between holistic reviews and triage assessments and when each should be utilized.
- Identify the actions to take for processing imminent and long-term threats.
- Using the applicable toolkit, identify the key considerations when processing anonymous threatening communications.
- Apply the appropriate toolkit protocols to triage real-life social media threatening communications.
- Demonstrate the ability to apply the BTAM Model to a real-life incident using the appropriate toolkits.

Primary Core Capability:

Intelligence and Information Sharing

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Management

NTED

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

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 877-829-8550

POC Work Email: info@ncbrt.lsu.edu

POC Information: <http://www.ncbrt.lsu.edu>

Course Active?: Yes

De-Escalation Strategies and Professional Engagement**PER-405****Training Provider:** Louisiana State University**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 16.0**Continuing Education Units:** General: 1.6**Duration (in Days):** 2.0**Course Description:**

Today, more than ever, responders must recognize the link between professionalism and personal and public safety. De-Escalation Strategies and Professional Engagement provides effective tools to de-escalate encounters between responders and the public. In addition, the course teaches strategies to avoid escalation when possible. A single localized incident can threaten responder safety nationwide. De-escalation is a critical skill required of every responding professional.

Course Objectives:

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

- describe how de-escalation and intervention benefit responding professionals.
- explain how logical and deliberate thinking guides successful de-escalation.
- develop a plan to mitigate risk or threat in an emotionally charged incident.
- assess the situation, individual behavior, and situational volatility to create a plan for communication during an incident.
- identify symptoms of a behavioral health crisis that may escalate an interaction with responders.
- describe the importance of intervention and duty to intervene.
- deploy de-escalation techniques, like PATROL, to plan for and de-escalate various scenarios.
- explain how de-escalation and intervention benefit all responding professionals.

Other Prerequisites:

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

Primary Core Capability:

Situational Assessment

Secondary Core Capability(s):

- Environmental Response/Health and Safety
- On-scene Security, Protection, and Law Enforcement
- Situational Assessment

Mission Area(s):

- Prevent
- Protect
- Respond
- Mitigation

Discipline(s):

- Emergency Medical Services
- Fire Service
- Law Enforcement

Training Certificates:

Louisiana State University Certificate of Completion

Course POC:

Joseph Gueno

NTED

POC Work Phone: 225-578-1375

POC Work Email: jgueno@ncbrt.lsu.edu

POC Information: ncbrt.lsu.edu

Course Link: <https://www.ncbrt.lsu.edu/courses/dhs/per-405.php>

Course Active?: Yes

UAS Data Analytics for Emergency Response**PER-407****Training Provider:** Alliance for System Safety of UAS through Research Excellence**Course Level:** Performance**Delivery Type(s):** Residential**Duration (in Hours):** 8.0**Community Lifeline(s):** Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material**Duration (in Days):** 1.0**Course Description:**

UAS Data Analytics is a 1-day, in-person, instructor-led course on how to effectively organize, generate, analyze, and rapidly disseminate geospatial data from UAS imagery. This course will train participants on how to transform UAS imagery, video, and other data into products that can be used to support decision-making, damage assessment, and other mission-critical tasks for emergency response.

Course Objectives:

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

Upon completion of the course, participants will be able to process UAS data to generate products and perform basic analyses on those products.

Other Prerequisites:

Learners should be familiar operating standard computer equipment such as smartphones, tablets, and laptops.

Primary Core Capability:

Risk and Disaster Resilience Assessment

Secondary Core Capability(s):

- Operational Coordination

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

Alliance for System Safety of UAS through Research Excellence Certificate of Completion

Course POC:

Carrie Grace Garadino

NTED

POC Work Email: carrieg@assure.msstate.edu

POC Information: Carrie Grace Garadinocarrieg@assure.msstate.edu(662) 325-8278

Course Active?: Yes

Pandemic Planning: Mental Health & Behavioral Health**PER-409-V****Training Provider:** Columbia University, National Center for Disaster Preparedness**Course Level:** Performance**Delivery Type(s):** Virtual**Duration (in Hours):** 7.0**Community Lifeline(s):** Health and Medical**Duration (in Days):** 1.0**Course Description:**

This performance level, virtual instructor-led training will provide participants with an understanding of the mental and behavioral health impacts that pandemics have on the community. The course will look at specific populations (such as health care, first responders, elderly, and children) and how the impacts to them may differ. The course will also present strategies for planning for and responding to mental and behavioral health impacts from a pandemic to help build resilience. Finally, information on communications and information sharing will be presented regarding mental and behavioral health impacts from a pandemic.

Course Objectives:

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

This performance level, virtual instructor-led training will provide participants with an understanding of the mental and behavioral health impacts that pandemics have on the community.

By the end of the course, all participants will be able to fulfill the following learning objectives:

- Recognize the mental and behavioral health impacts to a population during a natural disaster or pandemic.
- Identify mitigation strategies to counter mental and behavioral health impacts during a natural or human-made disaster or pandemic.
- Identify resources available to respond to mental and behavioral health impacts to individuals and populations during a pandemic and other disasters.
- Practice coordination and communication in order to access mental and behavioral health resources.

Other Prerequisites:

NCDP assumes that those taking this Performance Level training do not necessarily possess prior job training and experience in disaster, especially since this course topic is not readily available elsewhere. However, awareness of disaster management principles is assumed. Successful completion of this course will depend on the participants' ability to recall information presented throughout the course, categorize concepts, apply the learned concepts in real-life scenarios, and make decisions based on the material shared. In addition, participants will be prompted to perceive, receive, respond to, and organize concepts throughout the course. All course participants must be U.S. citizens. It is recommended, but not required, that course participants have previous experience in disaster recovery for the housing sector. Prior to attending this course, prospective

students may wish to complete the courses listed below:

- IS 100 - Introduction to the Incident Command System (ICS)
- IS 660 - Introduction to Public-Private Partnerships
- IS 700 - National Incident Management System (NIMS), An Introduction
- IS 800 - National Response Framework (NRF), An Introduction
- Emergency Support Function #6 - Mass Care, Emergency

Primary Core Capability:

Public Health, Healthcare, and Emergency Medical Services

Mission Area(s):

- Respond
- Recover

Discipline(s):

- Emergency Management
- Health Care
- Public Health

Training Certificates:

Columbia University, National Center for Disaster Preparedness Certificate of Completion

Course POC:

Thomas Chandler

POC Work Email: tec11@columbia.edu

POC Information: ncdptraining@columbia.edu

Course Link: www.ncdpcourses.org

Course Active?: Yes

Cyber Threat Intelligence**PER-412**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Mobile/Non-Resident, Virtual

Duration (in Hours): 16.0

Community Lifeline(s): Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material

Duration (in Days): 2.0

Course Description:

This course is delivered either as instructor-led or virtually, or both. It combine's instructor-led classroom lecture and hands-on computer lab exercises that simulate the production of intelligence that decreases uncertainty in decision-making and therefore, reduces risk. The course introduces the information analysis process and how an organization can use it to identify, define, and mitigate cybersecurity threats.

Course Objectives:

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

- Articulate the fundamental characteristics of cyber threat intelligence.
- Recognize the importance of the direction stage and how it guides cyber threat intelligence activities.
- Examine systems and information system data to identify cybersecurity threats and risks.
- Evaluate cyber threat information using one or more cyber threat analysis models.
- Compose a cyber threat intelligence report.
- Analyze and adjust priorities based on the feedback from the customer.

Other Prerequisites:

This is a basic level course. Prerequisite: A student should have some experience in the field of information technology. Preferred Prerequisite: a background in Cyber threat intelligence or in cybersecurity information sharing

Primary Core Capability:

Intelligence and Information Sharing

Secondary Core Capability(s):

- Cybersecurity

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

- Emergency Management
- Emergency Medical Services
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Health Care

NTED

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

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Participation

Course POC:

Natalie Sjelin

POC Work Phone: 210-885-5688

POC Work Email: natalie.sjelin@utsa.edu

POC Information: Natalie Sjelin

Course Link: <https://www.nationalcpc.org/course/per-412/>

Course Active?: Yes

Military Ordnance Recognition for Public Safety Bomb Technicians (MOR-PSBT)

PER-417

Training Provider: New Mexico Institute of Mining and Technology

Course Level: Performance

Delivery Type(s): Residential

Duration (in Hours): 40.0

Community Lifeline(s): Safety and Security

Duration (in Days): 5.0

Course Description:

The Military Ordnance Recognition for Public Safety Bomb Technicians (MOR-PSBT) course consists of performance level classroom training and field labs designed to provide PSBT operators with the knowledge and skills required to identify the characteristics and hazards associated with military ordnance threats and how to apply safety measures to mitigate these threats to the community. The course is designed to challenge PSBT operators during facilitated classroom lectures, mentored practical hands-on ordnance identification lanes, and practical exercises based on historic military ordnance incidents. The course also addresses the criticality of standardized incident reporting within the ATF Bomb and Arson Tracking System (BATS) as part of their mission response cycle. As an added benefit to the PSBT organizations, MOR-PSBT graduates will have the requisite knowledge to provide basic military ordnance hazard awareness training throughout their Public Safety organization staff.

The MOR-PSBT residential course is an in-person format course hosted at the New Mexico Tech (NMT) Emergetic Materials Research and Testing Center (EMRTC).

Course Objectives:

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

- Recognize threats posed by military ordnance and the role PSBTs and DoD EOD play in the protection of civilian personnel and property
- Evaluate general military ordnance hazards and their effects
- Discuss military ordnance fuzing and firing types and functions and associated safety precautions
- Identify the characteristics and hazards of ordnance items and explosive components
- Describe public safety cordons, scene search, and hazard mitigation actions
- Examine military ordnance explosions in a normal state and when mitigating measures are employed
- Conduct military ordnance hazard awareness education for Public Safety organization staff

Other Prerequisites:

- U.S. citizenship or lawful permanent resident status
- Certified Hazardous Devices School (HDS) Bomb Squad Technician or equivalent
- Active member of a certified Public Safety Bomb Squad and sufficient tenure remaining in their current or future position to allow for the application of the course materials within their organization upon return

Primary Core Capability:

On-scene Security, Protection, and Law Enforcement

Secondary Core Capability(s):

- Threats and Hazard Identification

Mission Area(s):

- Prevent

Discipline(s):

- Emergency Medical Services
- Fire Service
- Law Enforcement
- Security and Safety

Training Certificates:

New Mexico Institute of Mining and Technology Certificate of Completion

Course POC:

Registration Desk

POC Work Phone: 575-835-5703

POC Work Email: respond@emrtc.nmt.edu

POC Information: respond@emrtc.nmt.edu

Course Link: <http://www.emrtc.nmt.edu/training/portal/>

Course Active?: Yes

Network Traffic Analysis**PER-418**

Training Provider: The University of Arkansas, Criminal Justice Institute **Course Level:** Performance

Delivery Type(s): Mobile/Non-Resident

Duration (in Hours): 24.0

Community Lifeline(s): Safety and Security, Food, Hydration, Shelter, Health and Medical, Energy, Communications, Transportation, Hazardous Material

Continuing Education Units:
General: 2.4

Duration (in Days): 3.0

Course Description:

Network Traffic Analysis (NTA) is an intermediate level, three-day (24 hour) course that takes a "deep-dive" into network traffic analysis using Wireshark and other tools to identify regular and anomalous network traffic. Techniques taught will prepare students to identify network attacks by context and type. Students will gain knowledge about network traffic types, how to identify attacks against their networks, and how to identify internal hazards.

Course Objectives:

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

- Describe a basic understanding of the TCP/IP protocol stack and how data is packaged, encapsulated, and prepared for transport over a network connection.
- Understand the role a protocol analyzer plays in examination of packetized data.
- Recognize and be able to identify and describe the individual components of Transport layer information contained within the layer four Transport header fields.
- Identify and describe various ways attackers and testers can manipulate relevant values in layer four Transport header fields in both normal and abnormal configurations to conduct foot printing, reconnaissance, scanning, enumeration, and exploitation of critical systems.
- Recognize and be able to identify and describe the individual components of Network layer information contained within the layer three Internet Protocol header fields.
- Identify and describe various ways attackers and testers can manipulate relevant values in layer three Internet Protocol header fields in both normal and abnormal configurations to conduct foot printing, reconnaissance, and spoofing attacks.
- Identify and describe how layer three and layer four protocols can be used in coordination by attackers to move through various stages of the attack progression.
- Identify fragmented packet trains being used in a communication or in an attempt to frustrate security monitoring and detection.
- Identify normal fragmentation in comparison to abnormal or malicious fragmented packets.
- Interpret network traffic involving use of the ICMP protocol to determine if the traffic is authorized, legitimate, or potentially malicious.
- Evaluate uses of ICMP and make determinations about forbidding or allowing specific ICMP communications.
- Identify anomalous and malicious network traffic.
- Evaluate and select an appropriate platform to create custom packets for testing, continuing education, and skill enhancement.

Other Prerequisites:

Two years experience as a cybersecurity/IT professional is recommended. An intermediate understanding of network concepts, along with general knowledge of computer operating systems,

is required. PREFERRED PREREQUISITE: Experience handling cyber-incidents is preferred.

Primary Core Capability:

Cybersecurity

Secondary Core Capability(s):

- Infrastructure Systems

Mission Area(s):

- Prevent
- Protect
- Respond
- Recover
- Mitigation

Discipline(s):

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

Training Certificates:

The University of Arkansas, Criminal Justice Institute Certificate of Completion

Course POC:

Jimmy Nobles

POC Work Phone: 501-570-8058

POC Work Email: jwnobles@cji.edu

POC Information: Jimmy Nobles

Course Link: <https://cybersecuritydefenseinitiative.org/cdi-courses/>

Course Active?: Yes

UAS Flight Operations for Emergency Response Level 2**PER-421****Training Provider:** Alliance for System Safety of UAS through Research Excellence**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Energy, Communications, Transportation, Hazardous Material**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

A 1-day, in-person, instructor-led course. This course will prepare first responders with technical resources, knowledge, and experience to deploy UAS for a variety of emergency response scenarios. The course will cover UAS considerations, rules and regulations, mission planning aspects, and include hands-on flight operation.

Course Objectives:

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

Upon completion of the course, participants will be able to plan and execute UAS flight operations and understand the use of UAS in emergency scenarios and the role of UAS within an organization.

Primary Core Capability:

Situational Assessment

Mission Area(s):

- Prevent
- Respond
- Mitigation

Discipline(s):

- Emergency Management
- Fire Service
- Law Enforcement
- Security and Safety
- Search & Rescue

Training Certificates:

Alliance for System Safety of UAS through Research Excellence Certificate of Completion

Course POC:

Carrie Grace Gardino

POC Work Phone: 662-325-8278

POC Work Email: carrieg@assure.msstate.edu

POC Information: Carrie Grace Gardinocarrieg@assure.msstate.edu

Course Active?: Yes

UAS Data Analytics for Emergency Response Level 2**PER-434****Training Provider:** Alliance for System Safety of UAS through Research Excellence**Course Level:** Performance**Delivery Type(s):** Mobile/Non-Resident**Duration (in Hours):** 8.0**Community Lifeline(s):** Energy, Communications, Transportation, Hazardous Material**Continuing Education Units:**
IACET: 0.6**Duration (in Days):** 1.0**Course Description:**

A 1-day, in person, instructor-led course that further develops one's ability to manage, process, analyze, and disseminate UAS data products. This course covers UAS image management, 2D and 3D geospatial product generation, data analytics, and dissemination using web apps and services.

Course Objectives:

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

Upon completion of the course, participants will be able to manage oriented imagery, generate 2D and 3D geospatial products from UAS imagery, analyze UAS geospatial products to yield statistical information, and dissemination information using web apps and services.

Primary Core Capability:

Intelligence and Information Sharing

Mission Area(s):

- Protect
- Respond

Discipline(s):

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

Training Certificates:

Alliance for System Safety of UAS through Research Excellence Certificate of Completion

Course POC:

Carrie Grace Gardino

POC Work Phone: 662-325-8278

POC Work Email: carrieg@assure.msstate.edu

POC Information: Carrie Grace Gardino carrieg@assure.msstate.edu

Course Active?: Yes