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**Department of Homeland Security**

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**Compendium of Federal  
Terrorism Training**

**For State and Local Audiences**

**November 1, 2004**

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## **PREFACE**

The ability of state and local governments to respond effectively to acts of terrorism depends on the knowledge and skills of elected and appointed officials and first responders.

In April 2002, the Federal Emergency Management Agency (FEMA) conducted a study for Congress that focused on terrorism training, from Federal agencies, for state and local officials. While gathering information for the study, FEMA staff heard repeatedly that local officials and responders need a single source of information on available training. In partnership with FEMA's Office of National Preparedness, the Training Division, United States Fire Administration, developed this searchable on-line database to provide a single source for terrorism training information. This database represents the first step in FEMA's goal of developing an overall terrorism training management system.

The information contained in the database comes from the updated Compendium of Federal Terrorism Training for state and local audiences and includes information provided to FEMA by several federal agencies.

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**COMPENDIUM OF FEDERALLY-SPONSORED NBC-RELATED COURSES**

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***Department of Defense***

## Advanced Chemical and Biological Integrated Response Course (ACBIRC)--Technician Level

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### *Course Overview*

**Federal Department/Agency:** Department of Defense

**Sponsor:** U.S. Army Dugway Proving Ground, Special Programs Division

**Description:** This course is designed to provide students with hands-on problem-solving opportunities regarding chemical and biological incident response. This course will introduce topics and information, provide laboratory experiences, and culminate with a free-play exercise to practice concepts taught in the classroom and laboratory. Dugway Proving Ground (DPG), West Desert Test Center (WDTC) Special Programs Division (SPD), currently provides many of the Nation's protectors with state-of-the-art advanced Chemical and Biological Counter-Terrorism courses. These Ph.D.- taught courses provide lectures and hands-on training in chemical and biological environments, focusing on agent characteristics, sampling, protection, detection, decontamination, and signatures. Onsite courses allow students to work in a controlled environment with live agents in biological level 2 and 3 laboratories, and to research, develop, test, and evaluate (RDTE) solutions in certified chemical facilities. Biological and chemical simulants laced with tracers are used to enhance practical exercises for real-time readings and realism of the training.

**Objectives:** Provide a hands-on training environment, focused on chemical and biological detection, signature, and sampling, for first responders in order to enhance their readiness to respond to a domestic chemical or biological terrorist attack.

Provide opportunities to participate in realistic practical exercises to test tactical skills in the detection, forensic sampling, and packaging of agents in biological and chemical scenarios.

### *Audience*

**Function/Area:** Hazardous Materials

**Performance Level:** Technician

**Pre-requisites:** Participants must be certified HazMat Technicians, and have successfully completed PER-222.

### *Course Details*

## **Advanced Chemical and Biological Integrated Response Course (ACBIRC)--Technician Level**

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**Course Length:** 40 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : U.S. Army Dugway Proving Ground, West Desert Test Center.  
**Class Size:** Min Max  
**Cost to Participant:** Training is free to eligible jurisdictions.  
**Certificate:**

### ***Eligibility and Enrollment***

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### ***Additional Comments***

**Comments:**

# Community Response Emergency Simulation Training (CREST)

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## *Course Overview*

**Federal Department/Agency:** Department of Defense  
**Sponsor:** National Interagency Civil-Military Institute  
**Description:** The course uses a combination of instruction and computer-driven models to allow civilian and military responders to exercise vertical and horizontal interaction in response to a Weapons of Mass Destruction (WMD) terrorist event. CREST is a "train-the-trainer" program that includes a take-home package that will allow students to conduct exercises to evaluate their interagency response plans.

## **Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Fire, Hazardous Materials, Law Enforcement  
**Performance Level:** Operations  
**Pre-requisites:** The "Preparing for and Managing the Consequences of Terrorism Course" is ideal preparation for this course.

## *Course Details*

**Course Length:** 5 days  
**Instruction Type:** Other : Interactive computer laboratory and classroom  
**Course Location:** Other : NICI, San Luis Obispo, CA  
**Class Size:** Min tba Max 38  
**Cost to Participant:**  
**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Lieutenant Colonel Bonnie Gosney  
**POC Address:** NICI, P.O. Box 4209, San Luis Obispo, CA 93403  
**POC Phone Number:** (805) 782-6701  
**POC Fax Number:**  
**POC Email Address:** gosneyb@nici.org  
**POC Website:**

## *Additional Comments*



## Community Response Emergency Simulation Training (CREST)

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**Comments:**

Students get an exportable, PC-based system to use at their home site upon completion of the course.

# Critical Response Team (CRT) Training

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## *Course Overview*

**Federal Department/Agency:** Department of Defense

**Sponsor:** CBC, PBA, ARC, and GP

**Description:** The purpose of this training is to prepare individuals to serve as a member of an American Red Cross Critical Response Team (CRT) and effectively manage and lead the response to transportation, Weapons of Mass Destruction/Terrorism, and other mass casualty events.

**Objectives:** Define and describe the Critical Response Team concept and individual roles and responsibilities of each member.

Understand the Incident Command/Unified Command System and current Federal response, the National Incident Management System (NIMS), and the National Response Plan.

Use a representative timeline to detail procedures for initial threat assessment, gauging the scope of the disaster, additional information, dispatch, arrival, and transition from a local disaster response to a CRT-led operation.

Describe the history, threats, characteristics, implications of human needs, service delivery considerations, safety and security, and the roles and responsibilities of the Red Cross and other agencies.

Identify and implement coping mechanisms to address response-related stress in oneself and others.

Describe strategies to work with responding chapters to mentor and develop leaders.

Define, describe, and apply leadership qualities and abilities.

Implement concept of operations, plan for transition to long-term DRO, and manage the information flow during initial response to a WMD/T incident.

## *Audience*

**Function/Area:** Emergency Operations

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:** None.

## *Course Details*

**Course Length:** 3.5 days.

## Critical Response Team (CRT) Training

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**Instruction Type:** Other : Facilitated instruction.  
**Course Location:** Other : CBC at Pine Bluff Arsenal.  
**Class Size:** Min 24 Max 48  
**Cost to Participant:** TBD  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Call Point of Contact (POC).  
**POC Name:** Tim Jones  
**POC Address:** Manager, WMD/Terrorism Training Program, ARC 2025 E Street NW,  
Washington, DC 20006  
**POC Phone Number:** (202) 303-7271  
**POC Fax Number:**  
**POC Email Address:** JonesTim@usa.redcross.org  
**POC Website:** <http://www.redcross.org>

### *Additional Comments*

**Comments:** Located on Pine Bluff Arsenal (PBA) in Arkansas, the Clara Barton Center for Domestic Preparedness (CBC) is the focal point for developing, conducting, and delivering Domestic Preparedness training courses for the American Red Cross (ARC). The CBC is a partnership of the Pine Bluff Arsenal, the ARC, and General Physics Corporation (GP). The CBC is housed in a facility dedicated to this effort by PBA, and includes two 1,500-square foot state-of-the-art electronic classrooms that may be combined to accommodate up to 80 students. Funding for staffing and operations is currently provided by the Department of the Army.

## Field Management of Chemical and Biological Casualties

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Defense
<b>Sponsor:</b>	U.S. Army Medical Research Institute of Chemical Defense (MRICD)
<b>Description:</b>	Intended for non-medical officers, non-commissioned officers, and first responders in military field units. Emphasizes initial treatment of casualties, transportation, and decontamination of chemical and biological agent casualties. Held 4 times per year at the U.S. Army MRICD and the U.S. Army Medical Research Institute of Infectious Diseases.
<b>Objectives:</b>	Recognize the military terms for chemical agents, the clinical effects of the agents, and means of therapeutic intervention in a field environment. Recognize methods of managing contaminated and uncontaminated casualties in a field environment. Recognize the historical aspects of chemical agent use in warfare and identify chemical warfare capabilities practiced in the today by countries or by terrorist groups.

### *Audience*

<b>Function/Area:</b>	Fire, Hazardous Materials, Law Enforcement
<b>Performance Level:</b>	Awareness, Operations, Technician
<b>Pre-requisites:</b>	Intended for non-medical officers, non-commissioned officers, and first responders in military field units.

### *Course Details*

<b>Course Length:</b>	5 days
<b>Instruction Type:</b>	Other : Classroom and field.
<b>Course Location:</b>	Other : Aberdeen Proving Ground, Maryland.
<b>Class Size:</b>	Min tba Max 90
<b>Cost to Participant:</b>	Does not include billeting: \$250 per course delivery
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call Point of Contact (POC)
<b>POC Name:</b>	Ms. Janell Fisher
<b>POC Address:</b>	USAMRICD Edgewood Area, Aberdeen Proving Ground, MD 21010

## Field Management of Chemical and Biological Casualties

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**POC Phone Number:** (410) 436-2230  
**POC Fax Number:**  
**POC Email Address:** janell.fisher@amedd.army.mil  
**POC Website:** <http://ccc.apgea.army.mil>

### ***Additional Comments***

**Comments:** Does not cover the nuclear component. The MRICD Satellite Course is a short version of this course covering only the chemical component. Live satellite broadcasts will teach health-care providers how different classes of chemical warfare agents act. Please go to [www.cw-med.org](http://www.cw-med.org) for more information.

## Medical Effects of Ionizing Radiation (MEIR)

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### *Course Overview*

**Federal Department/Agency:** Department of Defense

**Sponsor:** AFRRI, and USUHS

**Description:** Armed Forces Radiobiology Research Institute (AFRRI)/Uniformed Services University of the Health Sciences (USUHS) sponsor this course. A course directed at physicians and other health care providers requiring specialized training in nuclear disaster response. Topics covered include threat of nuclear exposure, principles and biology of ionizing radiation, radiation pathology, acute radiation syndrome, combined injury, and psychological reactions, radioprotection/prophylaxis, radioactive fallout and radiological defense, internal radionuclide contamination management, and biomedical lessons learned from recent radiation accidents. The course covers known data on chemical/biological interactions with radiation.

**Objectives:** Provides background relating to human injury and combat effectiveness in nuclear weapons detonation or accident scenarios.  
Principles of nuclear and ionizing radiation weapons.  
Ionizing radiation effects.  
Medical problems and treatments associated with radiation.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Hospital, Public Health

**Performance Level:** Command, Operations

**Pre-requisites:** None, but directed to physicians and other health care providers requiring specialized training in nuclear disaster response.

### *Course Details*

**Course Length:** 4 days

**Instruction Type:** Other :

**Course Location:** Other :

**Class Size:** Min tba Max 100

**Cost to Participant:** No tuition, all program costs by funding agency

**Certificate:**

## Medical Effects of Ionizing Radiation (MEIR)

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### *Eligibility and Enrollment*

**Registration Information:** Call Point of Contact (POC)  
**POC Name:** Office of Military Medical Operations  
**POC Address:** Armed Forces Radiobiology Research Institute 8901 Wisconsin Ave.,  
Bethesda, MD 20889-5603  
**POC Phone Number:** (301) 295-0316  
**POC Fax Number:** (301) 295-0424  
**POC Email Address:**  
**POC Website:**

### *Additional Comments*

**Comments:** A mobile training team is available to teach a 2.5-day MEIR course.

## Medical Management of Chemical and Biological Casualties

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Defense
<b>Sponsor:</b>	U.S. Army MRICD, MRIID
<b>Description:</b>	Sponsored by the Army Medical Research Institute of Infectious Diseases (MRIID) and Medical Research Institute of Chemical Defense (MRICD). This course is intended for military medical personnel (physicians, nurses, physicians' assistants, and certain corpsmen) and for civilian medical personnel who work around military chemical agents or who might manage military chemical or biological agent casualties (e.g., in war or after a depot accident). The prerequisite is that the attendee be a health care provider. The course is held four times a year at the U.S. Army Medical Research Institute of Chemical Research (MRICR) and Medical Research Institute of Infectious Diseases (MRIID).
<b>Objectives:</b>	To recognize the military terms for chemical and biological agents, the clinical effects of the agents, and various means of therapeutic intervention in both a medical center and a field environment. To recognize the historical aspects of chemical and biological agent use in warfare and identify chemical and biological warfare capabilities practiced in the world today by countries or by terrorist groups.

### *Audience*

<b>Function/Area:</b>	Emergency Medical, Fire, Hazardous Materials
<b>Performance Level:</b>	Awareness, Command, Operations, Technician
<b>Pre-requisites:</b>	The prerequisite is that the attendee be a health care provider.

### *Course Details*

<b>Course Length:</b>	6 days, (4 times per year at USAMRICD)
<b>Instruction Type:</b>	Other : Classroom and field.
<b>Course Location:</b>	Other : Aberdeen Proving Ground, Maryland.
<b>Class Size:</b>	Min tba Max 80
<b>Cost to Participant:</b>	Cost does not include billeting, \$850 per course
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call Point of Contact (POC)
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## Medical Management of Chemical and Biological Casualties

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**POC Name:** Ms. Janell Fisher  
**POC Address:** USAMRICD Edgewood Area, Aberdeen Proving Ground, MD 21010  
**POC Phone Number:** (410) 436-2230  
**POC Fax Number:**  
**POC Email Address:** [janell.fisher@medd.army.mil](mailto:janell.fisher@medd.army.mil)  
**POC Website:** <http://ccc.apgea.army.mil>

### ***Additional Comments***

**Comments:** A 3-day version of the course available for export within 3 months of a request, subject to instructor availability. 6.5-day course scheduled 2 years in advance and focuses on military medical personnel. Does not cover nuclear component. Course available pending funding.

## Preparing for and Managing the Consequences of Terrorism

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Defense
<b>Sponsor:</b>	National Interagency Civil-Military Institute (NICI)
<b>Description:</b>	Trains civilian emergency managers, first responders, and military personnel to work together in planning and conducting emergency responses to terrorism. Includes practical exercises.
<b>Objectives:</b>	To familiarize students with Weapons of Mass Destruction (WMD). To familiarize students with the strategic approach to managing terrorism. To conduct risk and vulnerability assessments.

### *Audience*

<b>Function/Area:</b>	Fire, Hazardous Materials, Incident Command
<b>Performance Level:</b>	Awareness, Operations
<b>Pre-requisites:</b>	Involvement in organizations that plan for, mitigate, respond to, and promote the recovery of terrorist acts.

### *Course Details*

<b>Course Length:</b>	5 days
<b>Instruction Type:</b>	Other : Practical exercise, video, and classroom
<b>Course Location:</b>	Other : NICI, San Luis Obispo, CA
<b>Class Size:</b>	Min tba Max 55
<b>Cost to Participant:</b>	\$95.00 registration fee
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Five to six iterations per year ( <a href="http://www.nici.org">www.nici.org</a> for details), \$95.00 registration fee (covers all lunches and two evening social events). All other costs (travel, lodging, and other meals) are the responsibility of the student.
<b>POC Name:</b>	Lieutenant Colonel Bonnie Gosney
<b>POC Address:</b>	NICI, P.O. Box 4209, San Luis Obispo, CA 93403
<b>POC Phone Number:</b>	(805) 782-6701
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	gosneyb@nici.org

## Preparing for and Managing the Consequences of Terrorism

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**POC Website:**

***Additional Comments***

**Comments:**

Conducted in classroom setting with group involvement during the conduct of practical scenario applications. Scheduled courses listed at Website, [www.nici.org](http://www.nici.org). Considered ideal preparation for the "Community Response Emergency Simulation Training Course."

## Toxic Chemical Training Course for Medical Support Personnel

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### *Course Overview*

**Federal Department/Agency:** Department of Defense

**Sponsor:** Soldier & Biological Chemical Command (SBCCOM) (U.S. Army)

**Description:** The Toxic Chemical Training Course for Medical Support Personnel is an occupational health course designed for physicians, physician assistants, nurses, paramedics, other emergency response personnel that assist in medical response, and CSEPP planners who provide support (both on the installation and in the community) to the chemical weapons storage and disposal programs. The course encompasses the toxicity of nerve agents and vesicants, diagnosis and treatment of chemical agent casualties, and emergency response operations from the installation, EMS, and hospital perspectives. An overview of storage and disposal operations is provided, particularly in the context of the potential exposure risks to workers and the general public if an accident were to occur. Exposure control strategies are discussed, to include the use of monitoring and detection equipment, decontamination, personal protective equipment, and occupational health and safety standards. Both field and tabletop exercises are conducted to provide students some hands-on opportunities to use the knowledge they have acquired from lectures, demonstrations, and case study presentations. The course has been accredited for a maximum of 26.75 hours of Category I CME for physicians, 31.5 hours of CEU credit for nurses, and 31.5 hours of CEU credit for emergency medical technicians. At the conclusion of this training, the participants will be able to do the following: identify the clinical signs and symptoms of the respective chemical agents; identify the decontaminants used in the depot and demilitarization environment; list the different levels of dermal protective ensembles and state the indications for their use; identify the toxicologic bases for the chemical agent occupational health exposure limits; explain the approach taken for triaging conventional and chemical agent casualties in the setting of a chemical accident

**Objectives:** Introduction to Chemical Demilitarization and Emergency Preparedness Programs - Name the U.S. locations that have a CSDP, identifying the method of disposal utilized and identify the programmatic considerations

## Toxic Chemical Training Course for Medical Support Personnel

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for emergency preparedness.

Vesicants - State the clinical signs and symptoms of mustard agent exposure and the appropriate therapeutic interventions for treating these casualties in the medical environment.

Nerve Agents - State the clinical signs and symptoms of nerve agent exposure and the appropriate therapeutic interventions for treating these patients in a medical environment.

Munitions and Bulk Containers in the Context of Storage and Disposal Operations - Discuss the types of chemical agent munitions and storage containers in the U.S. stockpile.

Tour of CDTF - Describe the occupational environment of the toxic munition worker and the demilitarization worker; the operations conducted at chemical storage and disposal facilities...

Occupational Health Standards - Identify the toxicologic bases for the chemical agent occupational health exposure limits and the medical-legal requirements for documenting potential exposure in excess of these standards.

Decontamination - Identify the decontaminants used in the depot and demilitarization environment; discuss their efficacy, and the potential adverse health effects associated with the use of decontaminants.

Agent Detection and the Potential Exposure - State the different types of air monitoring systems, their uses and limitations, and explain their role in the clinical assessment of a potential workplace exposure.

Personal Protective Equipment and the Evaluation of Worker Fitness - List the different levels of respiratory dermal protective ensembles and state the indications for their use. Identify the key physiologic considerations...

Heat Stress in the Chemical Storage and Demil Environment - Identify the physiologic components of heat stress for the worker in protective clothing and the medical approaches to minimizing heat strain.

Field Demonstration - Become familiar with the procedures for donning and doffing PPE, and for evaluating employee fitness to wear the DPE suit.

Terror in Tokyo - Recognize the circumstances under which multiple casualty incidents involving chemical agents may occur, and the

## Toxic Chemical Training Course for Medical Support Personnel

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approach for dealing with large numbers of casualties.

Triage - Explain the approach taken for triaging conventional and chemical agent casualties in the setting of a chemical accident.

Case Study/The Griswald's Summer Vacation - Recognize the signs and symptoms of an off-post nerve agent exposure complicated by traumatic injury. Select appropriate pre-hospital levels of decontamination, triage, and treatment...

Medical Surveillance Program - State the components of the nerve agent and mustard agent medical surveillance programs, and discuss the types of chemical or physical hazards which may require medical surveillance...

Medical Aspects of the Chemical Surety Program - Identify the responsibilities of the medical team in the personnel reliability program, and the roles of the physician and certifying/reviewing officials in program implementation.

Multiple Casualty Incidents and the Incident Command System - Using the paradigm of the incident command system, identify the framework for conducting field responses to multiple casualty incidents.

Tabletop Exercise - Assume the roles of incident commander and medical responders in the setting of a mass casualty incident involving a spill of chemical warfare agent-like material in the off-post community.

Chemical Accident/Incident Response and Assistance (CAIRA) - Identify the four echelons of medical response in the CAIRA Program, and the planning and response activities for each of the four levels.

Off-post Medical Planning Considerations for Chemical Casualty Care - List measures that can be taken to improve off-post medical readiness for receiving chemical agent casualties.

Chemical Field Exercise - Observe field detection equipment and hotline operations, and conduct triage procedures on simulated chemical agent casualties.

Chemical Field Exercise - Observe field detection equipment and hotline operations, and conduct triage procedures on simulated chemical agent casualties.

Chemical Jeopardy\* - Review of all presented topics. Identify answers to random questions utilizing information obtained in this course. This

## Toxic Chemical Training Course for Medical Support Personnel

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activity supports achievement of objectives 1-22.

### ***Audience***

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Hospital  
**Performance Level:** Operations, Technician  
**Pre-requisites:** Designed for medical support providers, nurses, and physicians working in medical facilities in support of the Army's demilitarization operations.

### ***Course Details***

**Course Length:** 4.5 days  
**Instruction Type:** Other : Both field and tabletop exercises are conducted to provide students some hands-on opportunities to use the knowledge they have acquired from lectures, demonstrations, and case study presentations.  
**Course Location:** Other : Taught at the Chemical Disposal Training Facility, Aberdeen Proving Ground, Edgewood Area, Maryland  
**Class Size:** Min tba Max tba  
**Cost to Participant:** None for students, course cost approximately \$85,000.  
**Certificate:**

### ***Eligibility and Enrollment***

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Daniel P. Bird  
**POC Address:** 626 Towne Center Drive, Suite 203, Joppa, MD 21085  
**POC Phone Number:** (410) 538-2965  
**POC Fax Number:** (410) 538-8180  
**POC Email Address:** Daniel.P.Bird@SAIC.com  
**POC Website:**

### ***Additional Comments***

**Comments:** Course accredited for a maximum of 26.75 hours of category I Continuing Medical Education (CME) for physicians, 31.5 hours of Continuing Education Unit (CEU) credit for nurses and emergency medical technicians.

## **Weapons of Mass Destruction/Terrorism: An Overview (ARC 3079-2)**

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### ***Course Overview***

<b>Federal Department/Agency:</b>	Department of Defense
<b>Sponsor:</b>	CBC, PBA, ARC, and GP
<b>Description:</b>	The purpose of this training is to provide basic information about the issues and safety concerns in providing emergency human services in an environment involving a weapon of mass destruction and/or terrorism incident.
<b>Objectives:</b>	Identify at least five unique challenges in responding to a WMD/T incident. Identify some of the potential targets of terrorists, some of the weapons that could be used, and health concerns associated with those weapons. Describe the Red Cross' need for accurate information flow and rapid assessment of the incident. Identify the first responder agencies and become aware of the Incident Command System. Identify some of the key learning points from the Red Cross' history in responding to WMD/T incidents. Identify some of the planning and preparedness activities necessary to increase the Red Cross chapter's readiness to respond to a WMD/T incident.

### ***Audience***

<b>Function/Area:</b>	Emergency Operations
<b>Performance Level:</b>	Awareness, Command, Operations, Technician
<b>Pre-requisites:</b>	It is recommended that students complete Introduction to Disaster Services (ARC 3066).

### ***Course Details***

<b>Course Length:</b>	3.5 hours.
<b>Instruction Type:</b>	Other : Facilitated instruction, video supported.
<b>Course Location:</b>	Other : Any American Red Cross chapter.
<b>Class Size:</b>	Min 6 Max 20
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	Yes

### ***Eligibility and Enrollment***



## **Weapons of Mass Destruction/Terrorism: An Overview (ARC 3079-2)**

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**Registration Information:** Call Point of Contact (POC).  
**POC Name:** Tim Jones  
**POC Address:** Manager, WMD/Terrorism Training Program, ARC 2025 E Street NW,  
Washington, DC 20006  
**POC Phone Number:** (202) 303-7271  
**POC Fax Number:**  
**POC Email Address:** JonesTim@usa.redcross.org  
**POC Website:** <http://www.redcross.org>

### ***Additional Comments***

**Comments:**

## WMD/Terrorism Chapter Leadership Course

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Defense
<b>Sponsor:</b>	CBC, PBA, ARC, and GP
<b>Description:</b>	The purpose of this course is to provide Red Cross paid and volunteer staff the knowledge, skills, and abilities that enable them to develop response plans, conduct preparedness and mitigation activities, and initiate the response to a weapons of mass destruction/terrorist (WMD/T) incident within their unit's jurisdiction.
<b>Objectives:</b>	<p>Describe the threats and characteristics of WMD/T.</p> <p>Review the roles of government initial response to a WMD/T incident, the Incident Command System, and the relationship between the Red Cross and the Incident Management System.</p> <p>Analyze the probability of threats or emergencies to the Red Cross facility or service area based on historical, geographical, technological, or other physical factors.</p> <p>Lead Red Cross units in the development of a Continuity of Operations Plan (COOP) tailored to their specific needs.</p> <p>Develop a WMD annex for the local unit's disaster plan.</p> <p>Detail and account for anticipated impacts on initial service delivery within the unit's jurisdiction.</p> <p>Implement the benchmarking guidance (ARC 5105) and develop action plans for preparedness and mitigation activities.</p>

### *Audience*

<b>Function/Area:</b>	Emergency Operations
<b>Performance Level:</b>	Awareness, Command, Operations, Technician
<b>Pre-requisites:</b>	Students must have a role and responsibilities in the local planning, preparedness, and initial response to a WMD/Terrorist incident.

### *Course Details*

<b>Course Length:</b>	3.5 days.
<b>Instruction Type:</b>	Other : Facilitated instruction.
<b>Course Location:</b>	Other : CBC at Pine Bluff Arsenal.
<b>Class Size:</b>	Min 24 Max 48
<b>Cost to Participant:</b>	TBD

## WMD/Terrorism Chapter Leadership Course

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**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Call Point of Contact (POC).

**POC Name:** Tim Jones

**POC Address:** Manager, WMD/Terrorism Training Program, ARC 2025 E Street NW,  
Washington, DC 20006

**POC Phone Number:** (202) 303-7271

**POC Fax Number:**

**POC Email Address:** JonesTim@usa.redcross.org

**POC Website:** <http://www.redcross.org>

### ***Additional Comments***

**Comments:** Located on Pine Bluff Arsenal (PBA) in Arkansas, the Clara Barton Center for Domestic Preparedness (CBC) is the focal point for developing, conducting, and delivering Domestic Preparedness training courses for the American Red Cross (ARC). The CBC is a partnership of the Pine Bluff Arsenal, the ARC, and General Physics Corporation (GP). The CBC is housed in a facility dedicated to this effort by PBA, and includes two 1,500-square foot state-of-the-art electronic classrooms that may be combined to accommodate up to 80 students. Funding for staffing and operations is currently provided by the Department of the Army.

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***Department of Energy***

# ALARA for Design and Operations Engineers - Instructor Manual

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## *Course Overview*

**Federal Department/Agency:** Department of Energy  
**Sponsor:** (DOE) Training Resource and Data Exchange Network  
**Description:** This package is designed to introduce engineers to the fundamentals of radiation and contamination reduction when designing or modifying plant facilities or operations. Key areas of importance include the history and philosophy of ALARA (As Low As Reasonably Achievable); types of radiation; selected topics related to radiation protection; the five basic ALARA principles; applications of ALARA in design; and an example of an ALARA design and operations review program. The DOE Training Resource and Data Exchange Network developed the package. It includes a full set of instructor and participant materials, exercises, an evaluation form, and an examination.  
**Objectives:** Participants will demonstrate without reference and with 80% accuracy, their knowledge of the ALARA philosophy, types of radiation, and seven topics concerning ALARA.  
Participants will demonstrate the application of ALARA principles in design by actively participating in the group exercises in class. There are also separate enabling objectives for each module.

## *Audience*

**Function/Area:** Public Works  
**Performance Level:** Awareness  
**Pre-requisites:**

## *Course Details*

**Course Length:** Self-paced  
**Instruction Type:** Other : Includes a full set of instructor and participant materials, exercises, an evaluation form, and an examination.  
**Course Location:** Other : Course location not facility dependent  
**Class Size:** Min 4 Max 20  
**Cost to Participant:** To be determined (TBD)  
**Certificate:** No

## *Eligibility and Enrollment*

## ALARA for Design and Operations Engineers - Instructor Manual

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**Registration Information:** Contact Point of Contact (POC).  
**POC Name:** Ms. Denise Viator, Resource Contact  
**POC Address:** P.O. Box 117 MS 16, Oak Ridge Institute for Science and Education Oak Ridge, TN 37831-0771  
**POC Phone Number:** (865) 576-3316  
**POC Fax Number:**  
**POC Email Address:**  
**POC Website:**

### *Additional Comments*

**Comments:** Instructor Manual available upon request for use by your own in-house instructors. Does not cover the chemical/biological components.

## Categorization and Classification of Operational Emergencies Course (ECC-110)

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** Emergency Operations Training Academy (EOTA)

**Description:** This comprehensive and detailed classroom course presents methods for ensuring prompt and current categorization and classification of emergencies. This includes a comprehensive treatment of DOE event categorization and classification requirements and practices. Advance notice required for On-Site. Space Available Seating for EOTA offerings.

**Objectives:** Emergency management principles behind the DOE requirements and guidance on event categorization and classification.  
Methods and principles for developing Emergency Action Levels (EALs).  
Desirable features and qualities of EALs and how to produce them.  
Using hazards assessment results to develop EALs.  
Developing logical and coherent EAL sets and documenting the bases.  
Using EALs and basic emergency management principles to make sound classification and protective action decisions.  
Integrating protective action planning with EAL development.  
Emergency management principles behind the DOE requirements and guidance on event categorization and classification.  
Methods and principles for developing Emergency Action Levels (EALs).  
Desirable features and qualities of EALs and how to produce them.  
Using hazards assessment results to develop EALs.  
Developing logical and coherent EAL sets and documenting the bases.  
Using EALs and basic emergency management principles to make sound classification and protective action decisions.  
Integrating protective action planning with EAL development.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** Advance notice required for on-site training and space available seating for EOTA offerings.

### *Course Details*

**Course Length:** 3 days

## **Categorization and Classification of Operational Emergencies Course (ECC-110)**

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**Instruction Type:** Classroom  
**Course Location:** Other : EOTA or on-site  
**Class Size:** Min 6 Max 25  
**Cost to Participant:** For cost per course and seat, contact EOTA.  
**Certificate:**

### ***Eligibility and Enrollment***

**Registration Information:** Register online, call or e-mail Point of Contact (POC).  
**POC Name:** Paul Terrazas, Online Learning Manager  
**POC Address:** Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB,  
Albuquerque, NM 87185-5400  
**POC Phone Number:** (505) 845-5275  
**POC Fax Number:** (505) 845-5279  
**POC Email Address:** pterrazas@doeal.gov  
**POC Website:** <http://eota.doeal.gov>

### ***Additional Comments***

**Comments:**



## Consequence Assessment Application (ECA-110)

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** Emergency Operations Training Academy (EOTA)

**Description:** This course provides a working-level understanding of the fundamentals of consequence assessment. This course is presented in 12 consecutive learning modules that follow a logical progression, treating in detail selected elements of the consequence assessment process. Most lessons allow students to apply elements of the consequence process through the use of scenarios or computer-modeling exercises. Although this course will not make participants into consequence assessment "experts", they will depart with a broad, working-level understanding (and appreciation) of how consequence assessments are performed. Advance notice required for On-Site. Space Available Seating for EOTA offerings.

**Objectives:** Review of the consequence assessment process.  
Obtaining and Using Meteorological Data for Consequence Assessment  
Estimating a release amount and characteristics  
Conducting a timely initial assessment based on hazards assessments  
Simple transport and dispersion analysis for radionuclides: Hot Spot Code  
Simple transport and dispersion analysis for chemicals: Aloha Code  
Field measurements for consequence assessment  
Reconciling field measurements and modeling results  
Using and Communicating the Results of Consequence Assessment  
Demonstration of complex consequence assessment system Integrated exercise  
Seminar: Individual discussions and training

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness, Technician

**Pre-requisites:** Overview-level knowledge of the background, processes, methods, and products of consequence assessment, gained through practical experience or successful completion of ECA-100D.

### *Course Details*

## Consequence Assessment Application (ECA-110)

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**Course Length:** 4 days  
**Instruction Type:** Classroom  
**Course Location:** Other : EOTA or on-site.  
**Class Size:** Min 6 Max 25  
**Cost to Participant:** For cost per course and seat, contact EOTA.  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Register online, call or e-mail Point of Contact (POC).  
**POC Name:** Paul Terrazas, Online Learning Manager  
**POC Address:** Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB,  
Albuquerque, NM 87185-5400  
**POC Phone Number:** (505) 845-5275  
**POC Fax Number:** (505) 845-5279  
**POC Email Address:** pterrazas@doeal.gov  
**POC Website:** <http://eota.doeal.gov>

### *Additional Comments*

**Comments:** Although this course will not make participants into consequence assessment "experts," they will depart with a broad, working-level understanding (and appreciation) of how consequence assessments are performed.

## Consequence Assessment Overview (ECA-100D)

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** Emergency Operations Training Academy (EOTA)

**Description:** Description DOE O 151 establishes requirements for consequence assessment during operational emergencies involving hazardous materials at DOE sites. The consequences of concern are health impacts to workers and the public from unplanned releases of hazardous materials into the atmosphere. The information produced in the consequence assessment process directly influences key emergency response decisions, such as event classification (used for actions such as notifying and deploying appropriate resources) and protective actions for workers and the public. Consequence assessors as well as emergency decision makers need a clear knowledge of the background, processes, methods, and products of consequence assessment. This overview course is an introduction to the more in-depth Consequence Assessment Application Course (ECA-110). Note: This overview does NOT present technical details about HOW to conduct consequence assessments.

**Objectives:**

- Define consequence assessment.
- Identify the reasons for and benefits of performing consequence assessment.
- Identify the requirements basis for consequence assessment.
- Identify the steps in the consequence assessment process.
- Identify roles on a consequence assessment team.
- Recognize that an effective consequence assessment program must implement each element of consequence assessment process.
- Identify what must be known about a release of a substance into the atmosphere for consequence assessment to occur.
- Define "receptor".
- Identify the steps in the transport and dispersion process.
- Select the appropriate level of meteorological monitoring program for the student's site.
- Identify the benefits of field monitoring for consequence assessment.
- Select the appropriate level of field monitoring program for the student's

## Consequence Assessment Overview (ECA-100D)

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site.

Identify the issues surrounding reconciliation of calculations and measurements.

Identify the issues that must be resolved to effectively integrate consequence projections and field monitoring data.

Identify consequence criteria for radioactive and chemical hazardous materials.

Identify the consequence assessment results used for reviewing event classification and protective actions.

Identify the consequence assessment results used for public information.

Identify the benefits and characteristics of incorporating hazards assessments into the consequence assessment capability for response.

Select the appropriate class of site-specific consequence assessment system for the student's site.

### ***Audience***

<b>Function/Area:</b>	Emergency Operations, Emergency Medical, Fire, Law Enforcement
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	None

### ***Course Details***

<b>Course Length:</b>	4 hours
<b>Instruction Type:</b>	Other : ITV/video
<b>Course Location:</b>	Other : Course location is not facility dependent.
<b>Class Size:</b>	Min 6 Max 200
<b>Cost to Participant:</b>	For cost per video and materials, contact the EOTA.
<b>Certificate:</b>	

### ***Eligibility and Enrollment***

<b>Registration Information:</b>	Register online, call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Paul Terrazas, Online Learning Manager
<b>POC Address:</b>	Emergency Operations Training Academy (EOTA) P.O. Box 5400, Albuquerque, NM 87185-5400
<b>POC Phone Number:</b>	(505) 845-5275
<b>POC Fax Number:</b>	(505) 845-5279
<b>POC Email Address:</b>	pterrazas@doeal.gov

## Consequence Assessment Overview (ECA-100D)

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**POC Website:** <http://eota.doeal.gov>

### ***Additional Comments***

**Comments:** This overview course is an introduction to the more in-depth Consequence Assessment Application Course (ECA-110). Note: this overview does not present technical details about how to conduct consequence assessments.

# Emergency Classification Decision-Making with Imperfect Information Workshop (ECC-130D)

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## *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** Emergency Operations Training Academy (EOTA)

**Description:** Emergency Action Levels (EALs) derived from hazards assessments are the principal tools for making timely emergency event classifications and initiating protective actions and emergency notifications. However, sometimes information necessary to use EALs is not available, making emergency classification difficult. When event information available to the decision-maker does not relate directly with specific EALs, confusion and indecision are the likely results. Concern about "wrong" decisions delays in the decision process further. This workshop presents techniques and examples of real-world situations in which necessary information needed for the classification decision is absent, incomplete, inconsistent, or contradictory.

**Objectives:** Understand the differences between decision-making in day-to-day activities and decision-making in an emergency. Recognize that, even with good EALs and procedures, decision-making may not be straightforward.

Understand how making decisions during emergencies when information is absent, incomplete, inconsistent, or contradictory can be more straightforward with the use of decision-making tools and techniques to help produce logical decisions.

Make classification decisions using scenarios from actual events from across the DOE complex to demonstrate the effectiveness of the decision-making tools and techniques taught.

## *Audience*

**Function/Area:** Emergency Operations

**Performance Level:** Awareness

**Pre-requisites:** None

## *Course Details*

**Course Length:** 4 hours

**Instruction Type:** Other : This workshop presents techniques and examples of real-world situations.

## **Emergency Classification Decision-Making with Imperfect Information Workshop (ECC-130D)**

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**Course Location:** Other : N/A  
**Class Size:** Min 6 Max 200  
**Cost to Participant:** For cost per video and materials, contact the EOTA.  
**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Register online, call or e-mail Point of Contact (POC).  
**POC Name:** Paul Terrazas, Online Learning Manager  
**POC Address:** Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB,  
Albuquerque, NM 87185-5400  
**POC Phone Number:** (505) 845-5275  
**POC Fax Number:** (505) 845-5279  
**POC Email Address:** pterrazas@doeal.gov  
**POC Website:** <http://eota.doeal.gov>

### ***Additional Comments***

**Comments:**

## Emergency Management Hazards Assessment (HAS-101D)

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** Emergency Operations Training Academy (EOTA)

**Description:** In general, you will receive comprehensive, detailed training in the hazards assessment process and the use of assessment results in emergency planning and preparedness. This includes how to model hazardous material releases and how to calculate consequences. Day 1 focuses on applying the DOE Emergency Management Guide (EMG) methods to real-world hazardous material analysis problems, setting up analyses, and calculating consequences. Day 2 addresses selecting cases for analysis, developing the specific information needed to support emergency planning and preparedness, and using data from SARs and other analyses most effectively. Day 3 covers how to use assessment results to create good emergency action levels (EALs) and support protective action planning.

**Objectives:**

- Describe the overall concept and purposes of hazards assessment.
- Describe the Emergency Management Guide's recommended approach for analyzing potential releases of hazardous material.
- Model and analyze the release of toxic chemicals and radioactive materials (including pressurized gases, liquids, packaged waste, and solid materials).
- Select cases for analysis and modify them to produce the desired hazards assessment outputs.
- Identify and document the key outputs from an analysis.
- Identify and use information from other analyses (SARs, BIOs, EISs) in hazards assessments.
- Describe the principles and methods for developing Emergency Planning Zones (EPZs), as outlined in DOE guidance.
- Describe how Emergency Action Levels (EALs) are developed and the purpose EALs serve in emergency management programs.
- Describe the desirable qualities of EAL statements.
- Use hazards assessment results to develop good EALs.
- Develop and document the logic for an integrated EAL set.
- Describe the principles of protective action planning for hazardous



## Emergency Management Hazards Assessment (HAS-101D)

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material emergencies.

Develop planned (default) protective actions for specific events/conditions and EALs.

### ***Audience***

**Function/Area:** Emergency Management

**Performance Level:** Awareness

**Pre-requisites:** Review the relevant EMG sections: DOE G 151.1-1 Vol. II, Sections 2, 3 and 4; DOE G 151.1-1 Vol. III, Chapter 3, Sections 3.3 and 3.4; DOE G 151.1-1 Vol. IV, Chapter 2, Sections 2.1 through 2.5.

### ***Course Details***

**Course Length:** 3 days/4 hours per day

**Instruction Type:** Other : Video and materials

**Course Location:** Other : N/A

**Class Size:** Min 6 Max 200

**Cost to Participant:** For cost per video and materials, contact EOTA.

**Certificate:**

### ***Eligibility and Enrollment***

**Registration Information:** Register, call or e-mail Point of Contact (POC).

**POC Name:** Paul Terrazas, Online Learning Manager

**POC Address:** Emergency Operations Training Center (EOTA) P.O. Box 5400 KAFB, Albuquerque, NM 87185-5400

**POC Phone Number:** (505) 845-5275

**POC Fax Number:** (505) 845-5279

**POC Email Address:** pterrazas@doeal.gov

**POC Website:** <http://eota.doeal.gov>

### ***Additional Comments***

**Comments:**

## Emergency Medical Support - An Introduction (EMS-100D)

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** Emergency Operations Training Academy (EOTA)

**Description:** This course gives students an introductory-level understanding of the requirements, guidance, and performance criteria associated with the emergency response program as set forth in DOE O 151.1 and the associated guidance in DOE G 151.1-1 Volume IV.

**Objectives:**

- Identify the guidance associated with medical response to an operational emergency.
- Identify the requirements for medical response to an operational emergency.
- Identify the site specific considerations for determining emergency medical resource needs.
- Identify the importance of maintaining medical records.
- Identify the importance of accessibility to medical records.
- Identify communications challenges associated with emergency medical support at DOE sites.
- Identify issues requiring integration of on/offsite emergency medical resources.

### *Audience*

**Function/Area:** Emergency Medical

**Performance Level:** Awareness

**Pre-requisites:** None

### *Course Details*

**Course Length:** 4 hours

**Instruction Type:** Other : Video and materials

**Course Location:** Other : N/A

**Class Size:** Min 6 Max 200

**Cost to Participant:** For cost per video and materials, contact EOTA.

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Register online, call or e-mail Point of Contact (POC).

## Emergency Medical Support - An Introduction (EMS-100D)

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**POC Name:** Paul Terrazas, Online Learning Manager  
**POC Address:** Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB,  
Albuquerque, NM 87185-5400  
**POC Phone Number:** (505) 845-5275  
**POC Fax Number:** (505) 845-5279  
**POC Email Address:** pterrazas@doeal.gov  
**POC Website:** <http://eota.doeal.gov>

### ***Additional Comments***

**Comments:**

# Handling of Radiation Accidents by Emergency Personnel

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## *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	Radiation Emergency Assistance Center and Training Site (REAC/TS)
<b>Description:</b>	This course is for physicians, nurses, and physician assistants who may be called upon to provide emergency medical service to a radiation accident victim. This course emphasizes the practical aspects of handling a contaminated victim by discussing the fundamentals of radiation, how to detect and measure it, how to prevent the spread of contamination, how to reduce the radiation dose to the victim and attending personnel, and the role of the medical/health physicist in caring for contaminated accident victims.
<b>Objectives:</b>	Discuss the concepts of radiation physics and radiobiology that are important in the emergency care of the radiation accident victim. Select and prepare an appropriate treatment/decontamination area within the hospital and determine staff and patient needs. Describe contamination control techniques that can be utilized during the emergency care of contaminated radiation accident victims. Select and correctly use radiological instruments to detect and measure radiation in a simulated contamination incident. Plan and conduct a radiation accident drill.

## *Audience*

<b>Function/Area:</b>	Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement
<b>Performance Level:</b>	Technician
<b>Pre-requisites:</b>	None

## *Course Details*

<b>Course Length:</b>	3.5 days
<b>Instruction Type:</b>	Other : Practical exercise, paper and classroom based
<b>Course Location:</b>	Other :
<b>Class Size:</b>	Min tba Max 19
<b>Cost to Participant:</b>	Cost is \$75.00 per person.
<b>Certificate:</b>	

## Handling of Radiation Accidents by Emergency Personnel

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### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Gail Mack  
**POC Address:** Vance Road Facility, Oak Ridge Institute for Science and Education Oak Ridge, TN 37831-0117  
**POC Phone Number:** (865) 576-3132  
**POC Fax Number:**  
**POC Email Address:** mackg@ornl.gov  
**POC Website:** <http://www.ornl.gov/reacts>

### *Additional Comments*

**Comments:** Does not address the chemical/biological components.

## Health Physics in Radiation Accidents

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	(DOE) Radiation Emergency Assistance Center and Training Site (REAC/TS)
<b>Description:</b>	This course is for health physicists and radiation protection technologists who may be called upon to respond to accidents involving radioactive materials and injury to personnel. The major topics covered are radiological emergency procedures and the role of the health physicist in a medical environment.
<b>Objectives:</b>	<p>Explain the role of the health physicist in assisting medical/paramedical personnel during emergency or long-term care of the radiation accident victim.</p> <p>List the components of pre-hospital and hospital emergency planning and describe any modifications required for radiation accident response. During a simulated radiation accident exercise, demonstrate the ability to advise a medical response team regarding contamination control, protective actions, radioassay results, and the efficiency of decontamination procedures.</p> <p>Demonstrate the ability to identify "unknown" radioactive contaminants during a radiation exercise.</p> <p>Name sources of assistance that are available during real or presumed radiation accidents.</p>

### *Audience*

<b>Function/Area:</b>	Emergency Operations, Emergency Medical, Hospital, Law Enforcement
<b>Performance Level:</b>	Technician
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	4.5 days
<b>Instruction Type:</b>	Other : Practical exercise and classroom
<b>Course Location:</b>	Other : Course location is not facility dependent
<b>Class Size:</b>	Min tba Max 19
<b>Cost to Participant:</b>	\$90 per person
<b>Certificate:</b>	

## Health Physics in Radiation Accidents

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### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Gail Mack, REAC/TS  
**POC Address:** P.O. Box 117 MS 39, Oak Ridge Institute for Science and Education Oak Ridge, TN 37831-0117  
**POC Phone Number:** (865) 576-3132  
**POC Fax Number:**  
**POC Email Address:** mackg@ornl.gov  
**POC Website:** <http://www.ornl.gov/reacts>

### *Additional Comments*

**Comments:** Does not address the chemical/biological components.

## Implementing Protective Actions and Reentry for Decision Makers (PAR-300D)

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** Emergency Operations Training Academy (EOTA)

**Description:** This "300-level" course builds on the topics covered in the intermediate-level "200" course for protective actions and reentry, as set forth in DOE O 151.1 and the associated guidance in DOE G 151-1-1, Volume IV. The course's purpose is to give students an in-depth understanding of the implementation/application of protective actions and reentry related to operational emergencies, with emphasis on hazardous materials events. This course addresses decisions and actions related to protective actions and reentry with focus on DOE sites and on integration and coordination with offsite, non-DOE organizations.

**Objectives:**

- Evaluate decision considerations for implementation of protective actions.
- Compare protective actions related to radioactive and non-radioactive hazardous materials.
- Evaluate implementation of preplanned protective actions and implementation of reevaluated/refined protective actions.
- Evaluate considerations for recommending protective actions to offsite organizations.
- Evaluate decision considerations for the reentry process and reentry activities.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** This "300-level" course builds on the topics covered in the intermediate-level "200" course for protective actions and reentry.

### *Course Details*

**Course Length:** 4 hours

**Instruction Type:** Other : Video

**Course Location:** Other : N/A

**Class Size:** Min 6 Max 200

**Cost to Participant:** For cost per video and materials, contact the EOTA.



## Implementing Protective Actions and Reentry for Decision Makers (PAR-300D)

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**Certificate:**

***Eligibility and Enrollment***

**Registration Information:** Register online, call or e-mail Point of Contact (POC).  
**POC Name:** Paul Terrazas, Online Learning Manager  
**POC Address:** Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB,  
Albuquerque, NM 87185-5400  
**POC Phone Number:** (505) 845-5275  
**POC Fax Number:** (505) 845-5279  
**POC Email Address:** pterrazas@doeal.gov  
**POC Website:** <http://eota.doeal.gov>

***Additional Comments***

**Comments:**

## Medical Planning and Care in Radiation Accidents

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	(DOE) Radiation Emergency Assistance Center and Training Site (REAC/TS)
<b>Description:</b>	This course is designed for physicians and physician assistants and presents an advanced level of information on the diagnosis and treatment of acute local and total body radiation exposure, internal and external contamination, combined injuries, and multi-casualty incidents involving ionizing radiation.
<b>Objectives:</b>	<p>Discuss the concepts of radiation physics and radiobiology that are of importance in medical planning and care of the radiation accident victim. Given hypothetical situations, select appropriate treatment protocols for: a patient suffering the acute radiation syndrome; a patient with a partial body radiation injury; an externally contaminated, and injured patient...</p> <p>Given a hypothetical radiation accident situation, correctly define and assess the public health problem and determine the priorities in medical management.</p> <p>List the essential elements of a hospital's response plan for radiation emergencies and describe ways of adapting disaster plans for multiple casualties in a radiation emergency.</p> <p>Discuss the impact of human psychology on disaster response.</p>

### *Audience*

<b>Function/Area:</b>	Emergency Operations, Emergency Medical, Hospital
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	Strong medical background

### *Course Details*

<b>Course Length:</b>	4.5 days
<b>Instruction Type:</b>	Other : Practical exercise and classroom
<b>Course Location:</b>	Other : Held at REACTS facility in Oak Ridge, TN.
<b>Class Size:</b>	Min tba Max 20
<b>Cost to Participant:</b>	\$90 per person
<b>Certificate:</b>	

## Medical Planning and Care in Radiation Accidents

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### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Gail Mack  
**POC Address:** (REAC/TS) - Vance Road Facility, Oak Ridge Institute for Science and Education Oak Ridge, TN 37831-0117  
**POC Phone Number:** (865) 576-3132  
**POC Fax Number:**  
**POC Email Address:** mackg@orau.gov  
**POC Website:** <http://www.orau.gov/reacts>

### *Additional Comments*

**Comments:** Does not address the chemical/biological components.

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Assessing Package Integrity**

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### ***Course Overview***

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	The purpose of this module is to increase your understanding of the information contained on warning labels and the radiation levels associated with radioactive material packages. Being able to correctly read the warning labels can help you assess the radioactive material package integrity, which in turn, will improve your ability to respond safely.
<b>Objectives:</b>	Identify radiation levels associated with the various radiation warning labels. Identify the importance of the transport index in determining package integrity. Identify the maximum radiation levels expected on shipping packages and/or transport vehicle surfaces.

### ***Audience***

<b>Function/Area:</b>	Emergency Operations, Hazardous Materials, Incident Command
<b>Performance Level:</b>	Technician
<b>Pre-requisites:</b>	Technician Level HazMat Training.

### ***Course Details***

<b>Course Length:</b>	30 minutes
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None.
<b>Certificate:</b>	

### ***Eligibility and Enrollment***

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil
<b>POC Address:</b>	19901 Germantown Road, EM-24/CLOV Germantown, MD 20874
<b>POC Phone Number:</b>	(301) 903-7284
<b>POC Fax Number:</b>	

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Assessing Package Integrity**

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**POC Email Address:** Ella.McNeil@em.doe.gov

**POC Website:**

*Additional Comments*

**Comments:**

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Biological Effects of Ionizing Radiation**

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### ***Course Overview***

**Federal Department/Agency:** Department of Energy  
**Sponsor:** DOE/Office of Environmental Management  
**Description:** In this module, the students will learn about the potential health effects of ionizing radiation, acute and chronic radiation exposure, and ways that radioactive material can enter the body.  
**Objectives:** Define acute and chronic radiation doses.  
Identify ways that radioactive material can enter the body.  
Identify the potential health effects of radiation exposure.

### ***Audience***

**Function/Area:** Hazardous Materials  
**Performance Level:** Awareness  
**Pre-requisites:** Awareness Level HazMat Training.

### ***Course Details***

**Course Length:** 30 minutes  
**Instruction Type:** Classroom  
**Course Location:** Other : Any location.  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:**

### ***Eligibility and Enrollment***

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Ella McNeil  
**POC Address:** 19901 Germantown Road, EM-24/CLOV Germantown, MD 20874  
**POC Phone Number:** (301) 903-7284  
**POC Fax Number:**  
**POC Email Address:** Ella.McNeil@em.doe.gov  
**POC Website:**

### ***Additional Comments***

**Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Decontamination, Disposal, and Documentation

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## *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module discusses way in which equipment and personnel become contaminated with radioactive material and describes some field decontamination methods.
<b>Objectives:</b>	Identify how personal protective equipment (PPE), apparatus, and tools become contaminated with radioactive material. State the purpose of radioactive decontamination. Identify field decontamination techniques for equipment. Identify field decontamination techniques for personnel. Identify your responsibilities for radioactive material disposal and event documentation.

## *Audience*

<b>Function/Area:</b>	Hazardous Materials
<b>Performance Level:</b>	Technician
<b>Pre-requisites:</b>	Technician Level HazMat Training.

## *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

## *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil
<b>POC Address:</b>	19901 Germantown Road, EM-24/CLOV Germantown, MD 20874
<b>POC Phone Number:</b>	(301) 903-7284
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	Ella.McNeil@em.doe.gov
<b>POC Website:</b>	

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Decontamination, Disposal, and Documentation**

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### ***Additional Comments***

**Comments:**



# Modular Emergency Response Radiological Transportation Training (MERRTT): Hazard Recognition

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## *Course Overview*

**Federal Department/Agency:** Department of Energy  
**Sponsor:** DOE/Office of Environmental Management  
**Description:** In this module, students will learn about the various communication requirements used by shippers of radioactive material.  
**Objectives:** Identify markings on packages used to transport radioactive material.  
Identify labels on packages/containers used to indicate the presence, or absence of, radioactive material.  
Identify vehicle placards used on radioactive material shipments.

## *Audience*

**Function/Area:** Hazardous Materials  
**Performance Level:** Awareness  
**Pre-requisites:** Awareness Level HazMat Training.

## *Course Details*

**Course Length:** 30 minutes  
**Instruction Type:** Classroom  
**Course Location:** Other : Any location.  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Ella McNeil  
**POC Address:** 19901 Germantown Road, EM-24/CLOV Germantown, MD 20874  
**POC Phone Number:** (301) 903-7284  
**POC Fax Number:**  
**POC Email Address:** Ella.McNeil@em.doe.gov  
**POC Website:**

## *Additional Comments*

**Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Incident Command--Recovery Phase

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## *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module provides information concerning the actions that must be completed at the scene of an incident involving radioactive material before the incident is moved to the recovery phase. The module also addresses issues that may be of concern during transition from the response phase to the recovery phase.
<b>Objectives:</b>	Identify actions that must be completed before transitioning to the recovery phase of an incident involving radioactive material. Identify issues that may be of concern during the transition from response to recovery phase. Identify recovery/planning issues that must be addressed by the IC. Identify tactical objectives the IC should consider when developing a recovery plan. Explain the difference between short-term and long-term recovery activities.

## *Audience*

<b>Function/Area:</b>	Hazardous Materials, Incident Command
<b>Performance Level:</b>	Command
<b>Pre-requisites:</b>	Incident Command Training

## *Course Details*

<b>Course Length:</b>	30 minutes
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

## *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil
<b>POC Address:</b>	19901 Germantown Road, EM-24/CLOV Germantown, MD 20874

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Incident Command--Recovery Phase**

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**POC Phone Number:** (301) 903-7284

**POC Fax Number:**

**POC Email Address:** Ella.McNeil@em.doe.gov

**POC Website:**

***Additional Comments***

**Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Incident Command--Response Phase

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## *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** DOE/Office of Environmental Management

**Description:** This module describes the steps that an Incident Commander (IC) should take at the scene of an incident involving radioactive material. It discusses actions, hazards, and other considerations the IC should assess before allowing personnel to enter an incident scene. The module also identifies external agencies that are available to provide assistance to the IC, and identifies actions necessary for controlling access to an incident scene involving radioactive material.

**Objectives:** Identify the steps an IC should take at the scene of an incident involving radioactive material.

Identify actions, hazards, and other considerations that the IC should assess before allowing personnel to enter the immediate incident area that involves radioactive material.

Identify actions necessary for controlling access to an incident involving radioactive material.

## *Audience*

**Function/Area:** Hazardous Materials, Incident Command

**Performance Level:** Command

**Pre-requisites:** Incident Command Training.

## *Course Details*

**Course Length:** 30 minutes.

**Instruction Type:** Classroom

**Course Location:** Other : Any location.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Ella McNeil

**POC Address:** 19901 Germantown Road, EM-24/CLOV Germantown, MD 20874

**Modular Emergency Response Radiological Transportation Training (MERRTT):  
Incident Command--Response Phase**

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**POC Phone Number:** (301) 903-7284

**POC Fax Number:**

**POC Email Address:** Ella.McNeil@em.doe.gov

**POC Website:**

***Additional Comments***

**Comments:**

## Modular Emergency Response Radiological Transportation Training (MERRTT): Information Resources

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module provides information about resources, including shipping papers and State and Federal resources that can be of assistance at the scene of an incident involving radioactive material.
<b>Objectives:</b>	Identify information sources that can provide responders with details about a radioactive material shipment. Identify the information contained on shipping papers used for transporting radioactive material. Identify State and Federal resources that provide assistance to on-scene responders.

### *Audience*

<b>Function/Area:</b>	Hazardous Materials
<b>Performance Level:</b>	Technician
<b>Pre-requisites:</b>	Operations Level HazMat Training.

### *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil
<b>POC Address:</b>	19901 Germantown Road, EM-24/CLOV Germantown, MD 20874
<b>POC Phone Number:</b>	(301) 903-7284
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	Ella.McNeil@em.doe.gov
<b>POC Website:</b>	

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Information Resources**

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### ***Additional Comments***

**Comments:**

## Modular Emergency Response Radiological Transportation Training (MERRTT): Initial Response Actions

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### *Course Overview*

**Federal Department/Agency:** Department of Energy  
**Sponsor:** DOE/Office of Environmental Management  
**Description:** Students will learn to identify medical priorities at a radioactive material transportation incident. They will also learn to use the Emergency Response Guidebook (ERG), and how to isolate and control and accident scene.  
**Objectives:** Identify the actions required by Safety, Isolation, and Notification.  
Identify the importance of shipping papers.  
Locate, in the U.S. Department of Transportation Emergency Response Guidebook (ERG), the response guide for radioactive material by using one or all of the following: UN identification number, material name, or shipment placards.

### *Audience*

**Function/Area:** Hazardous Materials  
**Performance Level:** Command  
**Pre-requisites:** Awareness Level HazMat Training.

### *Course Details*

**Course Length:** 30 minutes.  
**Instruction Type:** Classroom  
**Course Location:** Other : Any location.  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Ella McNeil  
**POC Address:** 19901 Germantown Road, EM-24/CLOV Germantown, MD 20874  
**POC Phone Number:** (301) 903-7284  
**POC Fax Number:**  
**POC Email Address:** Ella.McNeil@em.doe.gov  
**POC Website:**



## **Modular Emergency Response Radiological Transportation Training (MERRTT): Initial Response Actions**

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*Additional Comments*

**Comments:**

## Modular Emergency Response Radiological Transportation Training (MERRTT): Patient Handling

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module provides information on how to assess the risk of your response efforts, remembering that the care of the patient takes priority over radiological concerns.
<b>Objectives:</b>	Identify the risks to response personnel when rescuing injured persons at a radioactive material transportation incident. Identify the importance of gross decontamination for radiologically contaminated patients. Identify methods for preparing radiologically contaminated patients for transport to the hospital.

### *Audience*

<b>Function/Area:</b>	Hazardous Materials, Hospital
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Awareness Level HazMat Training.

### *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil
<b>POC Address:</b>	19901 Germantown Road, EM-24/CLOV Germantown, MD 20874
<b>POC Phone Number:</b>	(301) 903-7284
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	Ella.McNeil@em.doe.gov
<b>POC Website:</b>	

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Patient Handling**

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### *Additional Comments*

**Comments:**

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Pre-Hospital Practices**

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### ***Course Overview***

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	In this module, the students will learn how to properly handle and manage patients involved in a radioactive material transportation incident.
<b>Objectives:</b>	Identify protective measures for responder safety. Demonstrate proper patient management based on acceptable medical practice. Identify techniques for patient transfer to a medical facility. Demonstrate proper procedures for returning personnel, equipment, and vehicles to service.

### ***Audience***

<b>Function/Area:</b>	Hazardous Materials, Hospital
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	EMS Training.

### ***Course Details***

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### ***Eligibility and Enrollment***

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil
<b>POC Address:</b>	19901 Germantown Road, EM-24/CLOV Germantown, MD 20874
<b>POC Phone Number:</b>	(301) 903-7284
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	Ella.McNeil@em.doe.gov
<b>POC Website:</b>	

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Pre-Hospital Practices**

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### ***Additional Comments***

**Comments:**

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Public Information Officer**

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### ***Course Overview***

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module provides information about the role of the Public Information Officer (PIO) during transportation incidents involving radioactive material. The module also discusses public concerns and perceptions concerning radioactive material incidents, and identifies basic statements that should be delivered to the media and the general public during these incidents.
<b>Objectives:</b>	Identify public concerns and perceptions about incidents involving radioactive material. Identify basic messages that should be delivered to the media and the general public during a transportation incident involving radioactive material. Identify emergency public information sources available to support an incident response. Identify agencies that will require public information coordination during a response to an incident involving radioactive material.

### ***Audience***

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Hazardous Materials, Incident Command, Elected Official
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Awareness Level HazMat Training.

### ***Course Details***

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### ***Eligibility and Enrollment***

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil

**Modular Emergency Response Radiological Transportation Training (MERRTT):  
Public Information Officer**

---

**POC Address:** 19901 Germantown Road, EM-24/CLOV Germantown, MD 20874

**POC Phone Number:** (301) 903-7284

**POC Fax Number:**

**POC Email Address:** Ella.McNeil@em.doe.gov

**POC Website:**

***Additional Comments***

**Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Radioactive Material Shipping Packages

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## *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** DOE/Office of Environmental Management

**Description:** This module provides information about identifying packages used to transport radioactive material and how to recognize this material when responding to a transportation incident. Four types of packaging will be discussed: Excepted packaging, industrial packaging, Type A packaging, and Type B packaging. Students will learn the philosophy behind radioactive material packaging design as well as the safety features associated with the radioactive material package and the stringent package testing requirements.

**Objectives:** Identify typical packages used in the transport of radioactive material.  
List examples of radioactive material that are shipped in various shipping packages.

Identify the risks associated with the various shipping packages.

Identify the testing methods for Type A and B packages.

## *Audience*

**Function/Area:** Hazardous Materials

**Performance Level:** Awareness

**Pre-requisites:** Awareness Level HazMat Training.

## *Course Details*

**Course Length:** 30 minutes.

**Instruction Type:** Classroom

**Course Location:** Other : Any location.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Ella McNeil

**POC Address:** 19901 Germantown Road, EM-24/CLOV Germantown, MD 20874

**POC Phone Number:** (301) 903-7284



## **Modular Emergency Response Radiological Transportation Training (MERRTT): Radioactive Material Shipping Packages**

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**POC Fax Number:**

**POC Email Address:** Ella.McNeil@em.doe.gov

**POC Website:**

***Additional Comments***

**Comments:**

## Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Basics

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	Upon completion of this module, students will have a better understanding of the basic structure of an atom and the fundamentals of radiation.
<b>Objectives:</b>	Identify the basic components of an atom. Define ionizing radiation, radioactivity, radioactive material, and radioactive contamination. Distinguish between radiation and contamination. Identify common sources of radiation and radioactive material.

### *Audience*

<b>Function/Area:</b>	Hazardous Materials
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Awareness Level HazMat Training.

### *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Ella McNeil
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<b>POC Website:</b>	

### *Additional Comments*

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Basics**

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**Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Survey Instruments and Dosimetry Devices

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## *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module provides general information about radiological survey instruments. Basic function and limitations are discussed. Because there are many models of survey instruments available, this discussion provides only a general description of survey instrument types and uses.
<b>Objectives:</b>	Identify two categories of radiological survey instruments. State the proper application and limitation of contamination survey instruments. State the proper application and limitation of radiation exposure survey instruments. Identify commonly used dosimetry devices.

## *Audience*

<b>Function/Area:</b>	Hazardous Materials
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Technician Level HazMat Training.

## *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

## *Eligibility and Enrollment*

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<b>POC Website:</b>	

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Survey Instruments and Dosimetry Devices**

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### ***Additional Comments***

**Comments:**

## Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Terminology and Units

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module provides students with information about four different types of ionizing radiation. Radiological terminology used in the transport of radioactive material and radioactive waste will be defined and discussed. This module also identifies the different units used for measuring radiation and radioactivity.
<b>Objectives:</b>	Identify four basic types of ionizing radiation. Identify the terms used to measure radiation and radioactivity. Identify terminology and acronyms associated with shipments of radioactive material. Define transuranic waste, low-level waste, high-level waste, and mixed waste. Identify commonly used Proper Shipping Names for radioactive material.

### *Audience*

<b>Function/Area:</b>	Hazardous Materials, Incident Command
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	Operations Level HazMat Training.

### *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

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## **Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Terminology and Units**

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**POC Email Address:** Ella.McNeil@em.doe.gov

**POC Website:**

***Additional Comments***

**Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Scene and Incident Control

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## *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** DOE/Office of Environmental Management

**Description:** This module provides information about methods used to control the spread of radioactive contamination at the scene of a transportation incident involving radioactive material. The process for identification and hazard assessment at a hazardous material incident will be introduced along with the protective measures of time, distance, and shielding. This module also discusses the use of personal protective equipment as well as proper work practices used to help control radiological contamination. Crowd control is also discussed in this module.

**Objectives:** Identify the basic steps for identification and hazard assessment at the scene.

Identify ways to protect on-scene personnel from radiological contamination at the scene of a transportation incident involving radioactive material.

Identify the basic protection measures of time, distance, and shielding.

Identify ways to control the spread of contamination while taking defensive measures to limit impacts of an incident involving radioactive material.

Identify factors to consider when implementing public protective action and crowd control at the scene of a transportation incident involving radioactive material.

## *Audience*

**Function/Area:** Emergency Operations, Hazardous Materials, Incident Command

**Performance Level:** Operations

**Pre-requisites:** Operations Level HazMat Training.

## *Course Details*

**Course Length:** 30 minutes.

**Instruction Type:** Classroom

**Course Location:** Other : Any location.

**Class Size:** Min Max

**Cost to Participant:** None



## **Modular Emergency Response Radiological Transportation Training (MERRTT): Scene and Incident Control**

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### **Certificate:**

#### ***Eligibility and Enrollment***

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**POC Email Address:** Ella.McNeil@em.doe.gov  
**POC Website:**

#### ***Additional Comments***

#### **Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Shipments by DOE

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## *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	This module will teach students about the material being transported by the Department of Energy (DOE), and the modes used to transport material by DOE.
<b>Objectives:</b>	Identify the types of radioactive material being transported to and from various DOE sites. Identify the transportation modes used by DOE to transport radioactive material. Identify the enhanced safety measures used by DOE.

## *Audience*

<b>Function/Area:</b>	Hazardous Materials, Transportation
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Awareness Level HazMat Training.

## *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

## *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
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<b>POC Website:</b>	

## *Additional Comments*

**Modular Emergency Response Radiological Transportation Training (MERRTT):  
Shipments by DOE**

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Comments:

# Modular Emergency Response Radiological Transportation Training (MERRTT): Tactics and Strategies

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## *Course Overview*

**Federal Department/Agency:** Department of Energy  
**Sponsor:** DOE/Office of Environmental Management  
**Description:** This module describes the rationale and methods used in establishing hot, warm, and cold zones. The Emergency Response Guidebook (ERG) helps you establish guidelines for safe control zones. Considerations for selecting personal protective equipment (PPE), and basic radiological protection principles, at the scene of an incident involving radioactive material will be discussed.

**Objectives:** Describe reasons for and methods of establishing hot, warm, and cold zones at the scene of a transportation incident involving radioactive material.  
Describe methods for implementing radiological controls at the scene of a transportation incident involving radioactive material.  
Describe considerations for selecting PPE for responders working at the scene of a transportation incident involving radioactive material.

## *Audience*

**Function/Area:** Emergency Operations, Hazardous Materials, Incident Command  
**Performance Level:** Technician  
**Pre-requisites:** Technician Level HazMat Training.

## *Course Details*

**Course Length:** 30 minutes.  
**Instruction Type:** Classroom  
**Course Location:** Other : Any location.  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:**

## *Eligibility and Enrollment*

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## **Modular Emergency Response Radiological Transportation Training (MERRTT): Tactics and Strategies**

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**POC Fax Number:**

**POC Email Address:** Ella.McNeil@em.doe.gov

**POC Website:**

***Additional Comments***

**Comments:**

# Modular Emergency Response Radiological Transportation Training (MERRTT): Waste Isolation Pilot Plant

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## *Course Overview*

<b>Federal Department/Agency:</b>	Department of Energy
<b>Sponsor:</b>	DOE/Office of Environmental Management
<b>Description:</b>	In this module, students will learn what the WIPP is, and about the material being transported to the WIPP. They will learn about the packages used to transport material to WIPP, and the safety measures in place to ensure that the material is moved safely throughout the United States.
<b>Objectives:</b>	State the importance of the Waste Isolation Pilot Plant (WIPP). Identify large quantity transuranic waste generator sites. Identify waste verification techniques. Identify the packages used to transport waste to WIPP. Identify the enhanced safety measures used to transport waste to WIPP.

## *Audience*

<b>Function/Area:</b>	Hazardous Materials
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Awareness Level HazMat Training.

## *Course Details*

<b>Course Length:</b>	30 minutes.
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Any location.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

## *Eligibility and Enrollment*

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<b>POC Website:</b>	

## **Modular Emergency Response Radiological Transportation Training (MERRTT): Waste Isolation Pilot Plant**

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### ***Additional Comments***

**Comments:**

## Protective Actions and Reentry for Emergency Planners (PAR-200D)

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** This "200-level" course addresses the incorporation of planning into protective action decision-making and reentry. The content is based on requirements for protective actions and reentry set forth in DOE O 151.1 and the associated guidance in DOE G 151.1-1 Volume IV. The course's purpose is to provide students with an in-depth understanding of the planning and program implementation of protective actions and reentry activities related to operational emergencies. The focus is on events with hazardous materials releases. To ensure that decisions and actions related to protective actions and reentry can be effectively made and acted upon, the course addresses various aspects of protective action decision-making, focusing on DOE sites as well as integration and coordination with offsite non-DOE organizations.

**Objectives:**

- Identify the basis for protective action planning.
- Explain planning for protective actions related to both radioactive and non-radioactive hazardous materials.
- Explain preplanned protective actions and the reevaluation/refinement of protective actions.
- Explain coordination and interface with offsite organizations related to protective actions.
- Identify the procedures, tools, and records related to protective actions and reentry.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** -

### *Course Details*

**Course Length:** 4 hours

**Instruction Type:** Other : ITV/video

**Course Location:** Other : N/A

**Class Size:** Min 6 Max 200



## Protective Actions and Reentry for Emergency Planners (PAR-200D)

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**Cost to Participant:** For cost per video and materials, contact the EOTA.

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).

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Albuquerque, NM 87185-5400

**POC Phone Number:** (505) 845-5275

**POC Fax Number:** (505) 845-5273

**POC Email Address:** [pterrazas@doeal.gov](mailto:pterrazas@doeal.gov)

**POC Website:** <http://eota.doeal.gov>

### *Additional Comments*

**Comments:**

## WMD AIM CBT Application Disk 1: Incident Commander and Staff

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into five training areas. WMD Agents and Properties and Usage: Learn the characteristics of terrorism, indicators and unique features, epidemiological clues, WMD incident vs. HAZMAT, and weapons of mass destruction effects. Planning and Procedures: Learn about current preparedness, WMD delta consideration, and legal considerations. Control Procedures: Learn about command and control functions, the incident command system (ICS), incident phase management, contamination procedures, decontamination procedures, chemical downwind hazard analysis, and law enforcement responsibilities. Protection Procedures: Learn about personal protective (PPE), detection and identification equipment for chemical agents, detection and identification equipment for biological agents, detection and identification equipment for radiological materials, and radiation protection guideline factors. WMD Review Library: Review agents, advanced concepts, and references.

**Objectives:** Learn WMD Agent properties and usage.  
Understand the planning process for addressing a WMD incident.  
Learn the command and control principles of a WMD incident site.  
Learn how to properly protect civilian personnel and first responders from a WMD incident.  
Identify the mitigation steps to WMD usage on a region or facility.  
Identify the responsibilities of law enforcement in response to a WMD incident site.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** ,

### *Course Details*

## WMD AIM CBT Application Disk 1: Incident Commander and Staff

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**Course Length:** '  
**Instruction Type:** Other : CBT  
**Course Location:** Other : N/A  
**Class Size:** Min 1 Max 26  
**Cost to Participant:** '  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).  
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**POC Website:** <http://eota.doeal.gov>

### *Additional Comments*

**Comments:**

## WMD AIM CBT Application Disk 2: HAZMAT - First Responder

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into seven training areas. Terrorism: Learn about the indicators of a WMD attack and methods of dissemination. WMD Agent Properties: Learn about explosive properties, chemical agent properties, biological agent properties, and radiological material properties. Treatment Procedures: Learn about the decontamination process, medical treatment, and casualty treatment. Protection Procedures: Learn about level of protection, chemical biological and radiological protection requirements, precautions and safety guidelines, and detection methods. HAZMAT First Responder Skills: Learn about the responder planning process, casualty management, chemical downwind hazard analysis. WMD Review Library: Review agents, advanced concepts, and references. Testing: Enter an interactive scenario that will allow you to use the lessons learned in the CD-ROM in a simulation of a WMD incident.

**Objectives:** Recognize characteristics of terrorist NBC attack.  
Learn protection of first responders at WMD incident.  
Identify decontamination for personnel and casualties.  
Recognize effects of biological, chemical, and radiological material.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** '

### *Course Details*

**Course Length:** '

**Instruction Type:** Other : '

**Course Location:** Other : '

**Class Size:** Min Max

**Cost to Participant:** For cost per CBT, please contact the EOTA.

## WMD AIM CBT Application Disk 2: HAZMAT - First Responder

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### Certificate:

#### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).

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#### *Additional Comments*

### Comments:

## WMD AIM CBT Application Disk 3: Hospital and EMS - First Responder

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into seven training areas. Terrorism: Learn about the indicators of a WMD attack, epidemiological clues, and modes of dissemination. WMD Agent Properties: Learn about explosives, chemical agents, biological agents, and radiological material. Treatment Procedures: Learn about the decontamination process for chemical agents and radiological materials, treatment during an explosives incident, treatment during a chemical incident, treatment during a biological incident, and treatment during a radiological incident. Hospital and EMS Skills: Learn about EMS procedures, hospital care, management of mass casualties, incident phases, incident site consideration, biological and radiological special requirements, and responder-planning process. Protection Procedures: Learn about levels of protection, chemical, biological and radiological protection requirement, precautions and safety guidelines, and detection and identification equipment. WMD Review Library: Review agents, advanced concepts, and references. Testing: Enter an interactive scenario that will allow you to use the lessons learned in the CD-ROM in a simulation of a WMD incident.

**Objectives:**

- Recognize the characteristics of terrorism and terrorist NBC attack.
- Learn how to properly protect civilian personnel and first responders from contaminants at a WMD incident.
- Identify the decontamination process for exposure to chemical and radiological agents.
- Recognize the effects of biological, chemical, and radiological material on personnel.
- Understand the planning process for addressing a WMD incident.
- Recognize the classes of chemical agents and the various effects on personnel.
- Understand the management involved in a WMD incident.
- Recognize EMS responsibilities and conduct those responsibilities during

## WMD AIM CBT Application Disk 3: Hospital and EMS - First Responder

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a WMD incident.

Recognize hospital provider responsibilities and conduct those responsibilities during a WMD incident.

Identify immediate treatment methods and be able to implement that treatment for casualties exposed to contaminants at an incident site.

Recognize methods of detection for WMD agents.

Identify bomb blast procedures during a WMD incident.

Recognize modes of dissemination for WMD agents.

### ***Audience***

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** '

### ***Course Details***

**Course Length:** '

**Instruction Type:** Other : '

**Course Location:** Other : '

**Class Size:** Min Max

**Cost to Participant:** For cost per CBT, please contact the EOTA.

**Certificate:**

### ***Eligibility and Enrollment***

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### ***Additional Comments***

**Comments:**

## WMD AIM CBT Application Disk 4: General Education

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into five training areas. Terrorism: Learn about the characteristics of terrorism, terrorist WMD attack characteristics, indicators of a WMD attack, and WMD terrorism incident vs. HAZMAT incidents. WMD Agent Properties: Learn about explosives effects, chemical agent effects, biological agent effects. Protection Procedures: Learn about detection and identification equipment, personal protective equipment, and safety procedures. Response Actions: Learn about the planning process for addressing WMD, decontamination process, role of 911 operators and dispatchers. WMD Review Library: Review agents, advanced concepts, and references.

**Objectives:**

- Recognize the characteristics of terrorism and terrorist NBC attack.
- Know what protection is needed to protect you and casualties during a WMD incident.
- Understand the decontamination process for WMD agents.
- Recognize the effects of biological, chemical, and radiological material on personnel.
- Understand the planning process for addressing a WMD incident.
- Recognize the classes of chemical agents and the various effects on personnel.
- Recognize the effects of viruses on personnel.
- Recognize the effects of toxins on personnel.
- Understand the role of 911 operators and dispatchers in assisting the response to a WMD incident call.
- Recognize methods of detection.
- Recognize modes of dissemination for WMD agents.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** '



## WMD AIM CBT Application Disk 4: General Education

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### *Course Details*

**Course Length:** '  
**Instruction Type:** Other : '  
**Course Location:** Other : '  
**Class Size:** Min Max  
**Cost to Participant:** For cost per CBT, please contact the EOTA.  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).  
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### *Additional Comments*

**Comments:**

## WMD CBT Disk 1: Chemical Exercise

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** This exercise supports WMD training activities for State and local personnel - specifically Sstate, city, and community incident commanders, their staffs, and law-enforcement personnel. It includes an interactive, chemical incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screens, maps, and charts.

**Objectives:**

- Understand the planning, training, protection, and preparation needed to address chemical incidents.
- Understand the need to coordinate with law-enforcement agencies about terrorist activities.
- Recognize the importance of identifying the chemical agent, its effects on personnel, and necessary decontamination.
- Recognize the need to search for secondary devices.
- Recognize that incident sites are preserved as crime scenes.
- Recognize how weather conditions affect dispersal.
- Understand jurisdictional restrictions, staff responsibilities in mitigating incidents, and resources used to respond.
- Learn access requirements for communications systems.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** '

### *Course Details*

**Course Length:** '

**Instruction Type:** Other : '

**Course Location:** Other : '

**Class Size:** Min Max

**Cost to Participant:** For cost per CBT, contact the EOTA.

**Certificate:**

## WMD CBT Disk 1: Chemical Exercise

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### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).  
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### *Additional Comments*

**Comments:**

## WMD CBT Disk 2: Biological Exercise

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** This exercise supports WMD training activities for State and local personnel - specifically State, city, and community incident commanders, their staffs, and law-enforcement personnel. It includes an interactive, biological incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screens, maps, and charts.

**Objectives:**

- Understand the planning, training, protection, and preparation needed to address biological incidents.
- Understand the need to coordinate with law-enforcement agencies about terrorist activities.
- Recognize the importance of identifying the biological agent, its effects on personnel, and necessary decontamination.
- Recognize the need to search for secondary devices.
- Recognize that incident sites are preserved as crime scenes.
- Recognize how weather conditions affect dispersal.
- Understand jurisdictional restrictions, staff responsibilities in mitigating incidents, and resources used to respond.
- Learn access requirements for communications systems.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** '

### *Course Details*

**Course Length:** '

**Instruction Type:** Other : CBT

**Course Location:** Other : N/A

**Class Size:** Min Max

**Cost to Participant:** For cost per CBT, please contact the EOTA.

**Certificate:**

## WMD CBT Disk 2: Biological Exercise

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### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).  
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### *Additional Comments*

**Comments:**

## WMD CBT Disk 3: High-Explosive Exercise

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** This exercise supports WMD training activities for State and local personnel - specifically State, city, and community incident commanders, their staffs, and law-enforcement personnel. It includes an interactive, high-explosive incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screen, maps, and charts.

**Objectives:**

- Understand the planning, training, protection, and preparation needed to address high-explosive incidents.
- Understand the need to coordinate with law enforcement agencies about terrorist activities.
- Recognize the effects of high explosives on personnel.
- Recognize the need to search for secondary devices.
- Recognize that incident sites are preserved as crime scenes.
- Understand staff responsibilities in mitigating incidents, and the resources used to respond.
- Learn access requirements for communications systems.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** ' ,

### *Course Details*

**Course Length:** ' ,

**Instruction Type:** Other : CBT

**Course Location:** Other : N/A

**Class Size:** Min Max

**Cost to Participant:** For cost per CBT, please contact the EOTA.

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).

## WMD CBT Disk 3: High-Explosive Exercise

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**POC Name:** Paul Terrazas, Online Learning Manager  
**POC Address:** Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB,  
Albuquerque, NM 87185-5400  
**POC Phone Number:** (505) 845-5275  
**POC Fax Number:** (505) 845-5279  
**POC Email Address:** pterrazas@doeal.gov  
**POC Website:** <http://eota.doeal.gov>

### ***Additional Comments***

**Comments:**

## WMD CBT Disk 4: Radiological Exercise

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** (DOE)

**Description:** This exercise supports WMD training activities for State and local personnel - specifically State, city, and community incident commanders, their staffs, and law enforcement personnel. It includes an interactive, radiological incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screens, maps, and charts.

**Objectives:**

- Understand the planning, training, protection, and preparation needed to address radiological incidents.
- Understand the need to coordinate with law enforcement agencies about terrorist activities.
- Recognize the tools used to identify radiological agents.
- Recognize necessary decontamination actions.
- Recognize the need to search for secondary devices.
- Recognize that incident sites are preserved as crime scenes.
- Recognize how weather conditions affect dispersal.
- Understand jurisdictional restrictions, staff responsibilities in mitigating incidents, and resources used to respond.
- Learn access requirements for communications systems.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** '

### *Course Details*

**Course Length:** '

**Instruction Type:** Other : '

**Course Location:** Other : '

**Class Size:** Min Max

**Cost to Participant:** For cost per CBT, please contact the EOTA.

**Certificate:**



## WMD CBT Disk 4: Radiological Exercise

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### *Eligibility and Enrollment*

**Registration Information:** Register online, call, or e-mail Point of Contact (POC).  
**POC Name:** Paul Terrazas, Online Learning Manager  
**POC Address:** Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB,  
Albuquerque, NM 87185-5400  
**POC Phone Number:** (505) 845-5275  
**POC Fax Number:** (505) 845-5279  
**POC Email Address:** pterrazas@doeal.gov  
**POC Website:** <http://eota.doeal.gov>

### *Additional Comments*

**Comments:**

## WMD Radiological/Nuclear Awareness Train-the-Trainer

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### *Course Overview*

**Federal Department/Agency:** Department of Energy

**Sponsor:** NNSA/NV and NCEE

**Description:** This course is designed to prepare trainers to deliver a 4-hour Radiological/Nuclear Awareness Course, using a prepared lesson plan. Participants will have an opportunity to learn the basics of platform presentation and classroom discussion, and will present a portion of the Radiological/Nuclear Awareness Course as part of their training. Upon completion of the Train-the-Trainer course, participants are then eligible to conduct (indirect) courses for their agency and surrounding jurisdictions. All training materials required for indirect course delivery by certified instructors are furnished through the U.S. Department of Energy/NNSA.

**Objectives:**

- Describe the radiological/nuclear threat of terrorism and its potential impact on the community.
- Describe the basic properties of radiation and its effects on responders in a radiological environment.
- Explain the health effects on the responders and victims in a radiological/nuclear incident and basic principles of emergency medical treatment.
- Apply time, distance, and shielding concepts to reduce exposure while operating in a radiation environment.
- Operate a variety of radiological instruments to determine the presence and quantity of radiation.
- Use survey techniques to determine the radiological hazards and to make tactical decisions.
- Describe the design and construction features of containers used for radiological/nuclear material.
- Describe the issues and considerations associated with managing large-scale radiological/nuclear incidents.
- Determine tactical considerations in responding to radiation incidents based upon information from the previous modules.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous

## WMD Radiological/Nuclear Awareness Train-the-Trainer

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**Performance Level:** Materials, Hospital, Law Enforcement, Public Health, Public Works Awareness

**Pre-requisites:** Participants who are seeking certification to teach Awareness-level material associated with this program must have completed a recognized instructor training program and/or be certified or designated as a "trainer" by their agency.

### *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivered at the U.S. Department of Energy, National Center for Exercise Excellence, Nevada Test Site, or at participants' location.

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

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***Department of Homeland  
Security, Border &  
Transportation Security, Office  
for Domestic Preparedness***

## Advanced Radiological Survey Techniques

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness
<b>Sponsor:</b>	Office for Domestic Preparedness
<b>Description:</b>	This course, developed by experienced health physicists, provides in-depth study of the proper conduct of sites contaminated by nuclear/radiological material. The class includes hands-on practice with radiological survey meters.
<b>Objectives:</b>	None listed
<b>Audience</b>	
<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials
<b>Performance Level:</b>	Not Applicable
<b>Pre-requisites:</b>	Completion of both the WMD Detection Technologies (WMD01) course and the Ludium Model 2241-2 Emergency Response Kit class (DEQ03) or its equivalent.

### *Course Details*

<b>Course Length:</b>	8 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Training provided onsite at requesting agencies.
<b>Class Size:</b>	Min 6 Max 12
<b>Cost to Participant:</b>	Training is free to eligible jurisdictions
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Gil Wendt
<b>POC Address:</b>	
<b>POC Phone Number:</b>	(757) 428-6251
<b>POC Fax Number:</b>	(757) 428-6251
<b>POC Email Address:</b>	GWendt@genphysics.com
<b>POC Website:</b>	

## Advanced Radiological Survey Techniques

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### *Additional Comments*

**Comments:**

## Advanced WMD Materials and Detection Technologies

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers new developments in detection technologies primarily associated with the term "Weapons of Mass Destruction (WMD)"; and an in-depth study of WMD-related chemical, biological, and nuclear/radiological substances that can be detected as well as the signs and symptoms of exposure.

**Objectives:** Refresh personnel who already have an understanding of WMD-related detection technologies.

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:** Not Applicable

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course or its equivalent.

### *Course Details*

**Course Length:** 8 hours

**Instruction Type:** Classroom

**Course Location:** Local/State Based Training (non-specified site)

**Class Size:** Min 12 Max 24

**Cost to Participant:** Free to eligible jurisdictions

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

## Advanced WMD Materials and Detection Technologies

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### *Additional Comments*

**Comments:**

This course is marked "Ready for Pilot" and may be presented as soon as a jurisdiction volunteers to host a Pilot Event and it can be scheduled.



## Computer-Aided Management of Emergency Operations (CAMEO)--Operations Level

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** LSU, ACE, member of NDPC

**Description:** CAMEO is a system of software applications used to plan for and respond to chemical emergencies. It is one of the tools developed by EPA's Chemical Emergency Preparedness and Prevention Office (CEPPO) and the National Oceanic and Atmospheric Administration (NOAA) to assist front-line chemical emergency planners and responders. CAMEO can be used with other computer applications to access, store, and evaluate information critical for developing emergency plans. In addition, CAMEO supports regulatory compliance by helping users meet the chemical inventory reporting requirements of the Emergency Planning and Community Right-to-Know Act (EPCRA), and it can be used with other software packages to display EPA environmental databases and demographic/economic information. The CAMEO system integrates a chemical database and a method to manage the data, an air dispersion model, and a mapping capability sharing critical information in a timely fashion. The CAMEO system is available in Macintosh, Windows, and DOS formats.

**Objectives:**

- Identify the resources available through CAMEO to assist with emergency operations prior to and during a WMD incident.
- Disseminate all relevant information concerning a potential WMD incident in the local community, including information required to coordinate and execute an effective initial response.
- Identify and report relevant information concerning a WMD incident to dispatchers and supervisors in a complete, accurate and timely manner.
- Employ information at the community level for planning and response operations with first responders (police, firefighters, medical personnel, and other emergency services personnel).
- Identify the type of data needed by State and local officials interested in preparing, reviewing or updating a local emergency WMD response plan.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous

## Computer-Aided Management of Emergency Operations (CAMEO)--Operations Level

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	Materials, Law Enforcement, Public Health
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	AWR-100 or AWR-110
<b>Course Details</b>	
<b>Course Length:</b>	24 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Training is provided onsite at requesting agencies.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	Training is free to eligible jurisdictions.
<b>Certificate:</b>	Yes

### ***Eligibility and Enrollment***

<b>Registration Information:</b>	Please call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Centralized Scheduling and Information Desk
<b>POC Address:</b>	
<b>POC Phone Number:</b>	(800) 368-6498
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	askcsd@ojp.usdoj.gov
<b>POC Website:</b>	

### ***Additional Comments***

**Comments:**

## Consequence Management, News, Equipment and Training (CoMNET) and Live Response

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NTPT, part of SEPSI

**Description:** National Terrorism Preparedness Training (NTPT), part of Southeastern Public Safety Institute (SEPSI), produce CoMNET and Live Response broadcasts. Program Descriptions CoMNET and Live Response broadcasts are designed to provide tailored awareness level training to civilian and military responders at all levels and across all disciplines. Programs are 1 hour in length and are broadcast on the fourth Wednesday of each month at 2 p.m. ET, with CoMNET and Live Response airing on alternate months. Each program addresses best practices and lessons learned, providing responders with relevant, up-to-date information they can use to improve capabilities within their own communities. 1. CoMNET: Consequence Management, News, Equipment, and Training is a news-magazine style program consisting of multiple news and feature story segments, similar to the National Alert programs aired on the Federal Emergency Management Agency's (FEMA) Emergency Education Network (EENET). The format of CoMNET includes: - WMD-related news stories from around the Nation; - Feature stories on WMD response equipment designed to introduce or familiarize responders with reputable equipment items and their use; - Feature stories on WMD training events conducted in communities throughout the country; - Feature stories on WMD training resources and facilities available to responders. CoMNET addresses operational considerations that may impact responders in their communities and also covers issues of interest to Federal, State, and local administrators responsible for WMD response resources. For details and registration information, please visit the Web link below.  
<http://terrorism.spjc.edu/comnet.html> 2. Live Response: During Live Response, a panel of experts explores topics related to WMD consequence management.

**Objectives:** Varies

**Audience**

## Consequence Management, News, Equipment and Training (CoMNET) and Live Response

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**Function/Area:** Emergency Operations, Emergency Medical, Fire, Interdisciplinary, Law Enforcement, Elected Official

**Performance Level:** Not Applicable

**Pre-requisites:** For State and local agencies preparing plans to respond to incidents of domestic terrorism, particularly Weapons of Mass Destruction (WMD).

### *Course Details*

**Course Length:** 1 hour, 4th Wednesday of month at 2 p.m. ET

**Instruction Type:** Other : Broadcasts

**Course Location:** Other : Delivery is over a system of private, public, government, commercial, satellite, and computer networks.

**Class Size:** Min tba Max tba

**Cost to Participant:** Based on equipment use.

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Individuals may coordinate program reception by contacting their local training administrator to receive the programs through one of the networks listed or by arranging to view the Internet Webcast. Network coordinators and site administrators may register to receive programs at <http://www.dlnets.com/telereg.htm>.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** [askcsd@ojp.usdoj.gov](mailto:askcsd@ojp.usdoj.gov)

**POC Website:**

### *Additional Comments*

**Comments:** Copies of broadcasts are available on videotape from NTPT. E-mail [terrorism@spjc.edu](mailto:terrorism@spjc.edu) with the month and the program requested. Archived programs are also available over <http://terrorism.spjc.edu/prevbroadcasts.html>

## Emergency Medical Services (EMS) for WMD: Basic Concepts (Internet)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, and NDPC

**Description:** Upon course completion, participants will possess a basic understanding of WMD incident management, WMD-unique EMS responder considerations, and specific issues related to the medical response to a WMD incident. The course delivery consists of three modules. Each module contains study text, multimedia participant activities, and an end-of-module test. At the completion of the three modules, participants will be required to successfully pass a comprehensive final exam. Completion of this course provides participants with the background knowledge necessary to participate in an EMS technician-level WMD course.

**Objectives:** Apply Multi-Casualty Incident (MCI) management principles to a WMD incident to facilitate a smooth process from the time of the event to the time of delivery at the hospital for definitive care.  
Apply concepts from hazardous materials response to WMD incidents as they relate to gathering information and responder safety.  
Recognize symptoms associated with various chemical, biological, radiological, nuclear, and explosive (CBRNE) weapons and understand basic precaution and treatment considerations.

### *Audience*

**Function/Area:** Emergency Medical, Hospital, Public Health

**Performance Level:** Awareness

**Pre-requisites:** Prerequisites: Terrorism Awareness for Emergency Responders  
Internet-based Course offered by TEEX.

### *Course Details*

**Course Length:** Self-paced, approximately 3-4 hours

**Instruction Type:** Independent Study

**Course Location:** Other : Internet-based via TEEX Web Campus at <http://www.teexwmdcampus.com>

**Class Size:** Min Max

## Emergency Medical Services (EMS) for WMD: Basic Concepts (Internet)

---

**Cost to Participant:** Free to eligible jurisdictions, as determined by ODP.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** This course is primarily intended for law enforcement officers. It is the responsibility of the jurisdiction to determine course participants. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

## Emergency Medical Services (EMS): Operations and Planning for WMD Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, member of NDPC

**Description:** Delivered by the National Emergency Response and Rescue Training Center (NERRTC), Texas Engineering Extension Service (TEEX), member of National Domestic Preparedness Consortium (NDPC). This course will equip intermediate and advanced Emergency Medical Service (EMS) personnel with the skills needed to ensure proper patient triage and treatment in the event of exposure to weapons of mass destruction (WMD). Classroom material will be reinforced with actual hands-on treatment of patients using a Human Patient Simulator (HPS) in a WMD scenario. First responders will use their training to demonstrate proper techniques for triage, mass decontamination, treatment, and stabilization. In addition, participants will receive training on the proper techniques for self-protection and limiting cross contamination.

**Objectives:** Assess an incident involving a WMD and determine initial actions after an incident.  
Describe the effects of biological weapons and implement treatment protocols in accordance with standard medical practice.  
Describe the effects of nuclear/radiological, incendiary, chemical, and explosive weapons; develop and implement patient treatment plans; and determine the appropriate level of personal protective equipment (PPE).  
Determine the most effective decontamination method and procedures for a WMD incident. Determine hospital requirements and locate local hospital and medical resources to support WMD incident response operations.

### *Audience*

**Function/Area:** Emergency Medical, Hospital, Public Health

**Performance Level:** Not Applicable

**Pre-requisites:** WMD Awareness training, TEEX Emergency Medical Services Internet-Based course, and EMT-B, EMT-I, EMT-P, LPN, RN, PA, or MD license/certification

## Emergency Medical Services (EMS): Operations and Planning for WMD Incidents

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### *Course Details*

**Course Length:** 24 hours (three 8-hour days)  
**Instruction Type:** Other : "Hands-on" and demonstration  
**Course Location:** Other : Training provided at local training facility.  
**Class Size:** Min Max 35  
**Cost to Participant:** Free to eligible jurisdictions, determined by ODP.  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** This course is primarily intended for intermediate and advanced Emergency Medical Service personnel. It is the responsibility of the jurisdiction to determine course participants. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**



## Emergency Response to Domestic Biological Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** LSU, ACE, member of NDPC

**Description:** Delivered by the Louisiana State University (LSU), Academy of Counter-Terrorist Education (ACE), member of National Domestic Preparedness Consortium (NDPC). The purpose of this operations-level course is to help command-level first responders and local government officials make a plan of action to deal with a bioterrorism attack. The objectives are to provide a balanced view of the risks and threats and highlight some of the methods that are now being used to counter the problem. An overview of the biological agents most likely to be used in a terrorist attack, their effects, and treatment, and the fundamental principles of biological warfare and the evolution of biological weapons are covered. In addition, the course will give participants a basic understanding of the procedures and constraints of the microbiological laboratory. A large section of the course will deal with procedures on making response to such an incident safe for the responders and effective for the public, and with mitigation of the event, including dealing with casualties, psychological aspects, information management, and publicity.

**Objectives:** Understand the common misconceptions and realities about bioterrorism and how to communicate with the public on these issues.  
Understand the differences among bacteria, viruses, and toxins.  
Understand the difference between infection and contagion.  
Know the most likely bioterrorism agents and how to respond to them.  
Understand which diseases are likely to be fatal and which are likely to be debilitating, and how to reduce the negative effects.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Public Health

**Performance Level:** Operations

**Pre-requisites:** WMD Awareness Course

## Emergency Response to Domestic Biological Incidents

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### *Course Details*

<b>Course Length:</b>	24 hours (three 8-hour days)
<b>Instruction Type:</b>	Other : "Hands-on" demonstration and classroom
<b>Course Location:</b>	Other : Training is provided at a local training facility.
<b>Class Size:</b>	Min tba Max tba
<b>Cost to Participant:</b>	Free to eligible jurisdictions, determined by ODP.
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

**Registration Information:** This course is primarily intended for mid-level supervisors and emergency management personnel with the responsibility of planning for, responding to, and managing a biological incident. It is the responsibility of the jurisdiction to determine course participants. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

# Emergency Response to Terrorism: Basic Concepts Train-the-Trainer

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Community Research Associates (CRA)

**Description:** This course addresses the special needs of instructors who will be delivering the Emergency Response to Terrorism: Basic Concepts Course. Developed for the Office for Domestic Preparedness (ODP) by the National Fire Academy (NFA), the course identifies basic level response to such topics as Biological, Nuclear, Incendiary, Chemical, and Explosive (B-NICE) agents, suspicious incidents, responder self-protection, crime scene considerations, and specialized Incident Command issues. A teach-back session is included, as well as an informal evaluation of the instructor's performance.

**Objectives:** Recognize circumstances that indicate a potential terrorist attack.  
Understand what appropriate self-protective measures are required to respond to different weapons of mass destruction events.  
Understand scene control issues involving isolation, evacuation, and perimeter control associated with terrorist incidents.  
Understand tactical objectives for CBRNE incidents.  
Understand how to establish effective command and control associated with responder operations at a crime scene.

## *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Hospital, Law Enforcement, Public Health, Public Works

**Performance Level:** Awareness

**Pre-requisites:** Participants must have completed a recognized instructor training program and/or be certified or designated as "trainer" by their agency.

## *Course Details*

**Course Length:** 24 hours (three 8-hour days)

**Instruction Type:** Other : "Hands-on," demonstration, teach-back, and classroom

**Course Location:** Other : Training is provided at a local training facility.

**Class Size:** Min tba Max tba

**Cost to Participant:** Free to eligible jurisdictions, as determined by ODP.

## Emergency Response to Terrorism: Basic Concepts Train-the-Trainer

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**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact (for fire, EMS, and HazMat instructors and trainers, however this would be beneficial for other public safety personnel, as well. It is the responsibility of the jurisdiction to determine course participants.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

# Emergency Response to Terrorism: Operations Course - A Safe Response for Public Safety Personnel

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** International Association of Firefighters (IAFF)

**Description:** Using the same principles and design characteristics as the IAFF Hazardous Materials training programs, the IAFF developed the Weapons of Mass Destruction (WMD) training course, Emergency Response to Terrorism: Operations Course, A Safe Response for Public Safety Personnel. The course empowers students to draw on their experiences and knowledge, use their available resources, and make calculated decisions about safe response actions. The course focuses on a specific audience (i.e., first responders) and emphasizes the safety and health of these professionals. It builds on basic skills and knowledge, while introducing and teaching characteristics, hazards, and mitigation tactics specific to WMD incidents. In addition, it incorporates operation-level hazardous materials refresher information throughout each unit, reinforcing basic response protocols.

**Objectives:**

- Identify the four types of terrorism.
- Identify the facilities most commonly associated with terrorism.
- Make hazard-based risk versus benefit decisions.
- Understand and describe the APIE (analyze, plan, implement, and evaluate) response process.
- Recognize threat characteristics (traits and/or properties that make weapons dangerous) of the four basic types of WMD.
- List the elements of effective training.
- Apply adult learning principles.
- Identify the main characteristics of their audience.
- Identify the characteristics of an effective instructor.
- Select and apply appropriate instructional methods to fulfill objectives.
- Use these facilitation skills effectively: Asking questions; Appropriate use of audiovisuals and handouts; Conducting report-backs and debriefings; Informal assessments; Identify and appropriately solve facilitation problems.

## ***Audience***

## Emergency Response to Terrorism: Operations Course - A Safe Response for Public Safety Personnel

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<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Law Enforcement
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	WMD Awareness Course

### *Course Details*

<b>Course Length:</b>	16 hours (two 8-hour days)
<b>Instruction Type:</b>	Other : "Hands-on" demonstration and classroom
<b>Course Location:</b>	Other : Training will be conducted at local or State training facilities.
<b>Class Size:</b>	Min tba Max tba
<b>Cost to Participant:</b>	Free to eligible jurisdictions, determined by ODP.
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	This course is primarily intended for local and State emergency responders to include fire and law enforcement. It is the responsibility of the jurisdiction to determine course participants. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.
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<b>POC Name:</b>	Centralized Scheduling and Information Desk
<b>POC Address:</b>	
<b>POC Phone Number:</b>	(800) 368-6498
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	askcsd@ojp.usdoj.gov
<b>POC Website:</b>	

### *Additional Comments*

**Comments:**

# Emergency Response to Terrorism: Operations Course Train-the-Trainer

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** International Association of Firefighters (IAFF)

**Description:** Using the same principles and design characteristics as the IAFF Hazardous Materials training programs, the IAFF developed the weapons of mass destruction (WMD) training course, Emergency Response to Terrorism: Operations, a Safe Response for Public Safety Personnel. The course empowers students to draw on their experiences and knowledge, use their available resources, and make calculated decisions about safe response actions. The course focuses on a specific audience (i.e., first responders) and emphasizes the safety and health of these professionals. It builds on basic skills and knowledge, while introducing and teaching characteristics, hazards, and mitigation tactics specific to WMD incidents. In addition, it incorporates operations-level hazardous materials refresher information throughout each unit, reinforcing basic response protocols. Upon completion of the Train-the-Trainer course, participants are then eligible to conduct (indirect) courses for their agency and surrounding jurisdictions. All training materials required for indirect course delivery by certified instructors are furnished through IAFF.

**Objectives:**

- Identify the four types of terrorism.
- Identify the facilities most commonly associated with terrorism.
- Make hazard-based risk versus benefit decisions.
- Understand and describe the APIE (analyze, plan, implement, and evaluate) response process.
- Recognize threat characteristics (traits and/or properties that make weapons dangerous) of the four basic types of WMD.
- List the elements of effective training.
- Apply adult learning principles.
- Identify the main characteristics of their audience.
- Identify the characteristics of an effective instructor.
- Select and apply appropriate instructional methods to fulfill objectives.
- Use these facilitation skills effectively: Asking questions; Appropriate use

## Emergency Response to Terrorism: Operations Course Train-the-Trainer

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of audiovisuals and handouts; Conducting report-backs and debriefings; Informal assessments; Identify and appropriately solve facilitation problems.

### ***Audience***

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement

**Performance Level:** Operations

**Pre-requisites:** AWR-100. Participants must have completed a recognized instructor training program and/or be certified or designated as a "trainer" by their agency.

### ***Course Details***

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Local/State Based Training (non-specified site)

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

**Certificate:**

### ***Eligibility and Enrollment***

**Registration Information:** Please call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**



## Homeland Defense Equipment Reuse (HDER) Program Training

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course provides information on radiation detection technologies; use of ionization chambers; use of Geiger-Mueller detectors; use of Scintillation detectors; and radiation detection and monitoring exercises. This class is intended for the leadership and cadre of all response community agencies in metropolitan jurisdictions that have obtained equipment through the HDER Program.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire

**Performance Level:**

**Pre-requisites:** None.

### *Course Details*

**Course Length:** 24 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

## Homeland Defense Equipment Reuse (HDER) Program Training

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### *Additional Comments*

**Comments:**

# Hospital Emergency Management: Concepts and Implications of WMD Terrorist Incidents

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Science Applications International Corporation (SAIC)

**Description:** This awareness-level course is designed to acquaint health care facility executives and managers with the resource planning and managing of emergencies at the institutional level with particular attention to the issues presented by emergencies created by terrorist incidents. Topics to be discussed include: risk analysis, Joint Commission on Accreditation of Healthcare Organizations (JCAHO), Occupational Safety & Health Administration (OSHA) and other regulatory standards, integration of hospital and community emergency management, special aspects of hazardous materials emergencies, business and financial recovery planning.

**Objectives:** Identify the nature of a terrorist attack involving weapons of mass destruction (WMD) from the hospital's perspective.  
Identify the hospital's role in preparedness for and response to mass casualty incidents (MCIs), including those resulting from chemical, biological, radiological, nuclear, or explosive (CBRNE) incidents.  
Identify challenges to hospital planning for response to a WMD incident.

## *Audience*

**Function/Area:** Emergency Management, Hospital, Public Health

**Performance Level:** Management

**Pre-requisites:** None

## *Course Details*

**Course Length:** 8-hour program

**Instruction Type:** Other : Didactic and workshop components

**Course Location:** Other : Training is conducted at local facilities designated by the jurisdiction.

**Class Size:** Min tba Max tba

**Cost to Participant:** Free to eligible jurisdictions, determined by ODP.

**Certificate:** Yes

## **Hospital Emergency Management: Concepts and Implications of WMD Terrorist Incidents**

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### ***Eligibility and Enrollment***

**Registration Information:** This course is intended for hospital personnel. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

## Incident Management / Unified Command for WMD/Terrorism Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, member of NDPC

**Description:** Delivered by National Emergency Response and Rescue Training Center (NERRTC), Texas Engineering Extension Service (TEEX), member of National Domestic Preparedness Consortium (NDPC). This course focuses on the special challenges faced by senior-level incident management personnel in dealing with a mass casualty terrorist incident. A combination of classroom lecture and scenario-based team exercises will reinforce the information presented in various simulations, videos, and case histories. Upon completion of the course, key personnel will possess the skills required to effectively coordinate emergency response efforts to a WMD event including the ability to integrate communications and planning among fire, rescue, emergency medical service, law enforcement, emergency management, public sector, local government, State, and Federal agencies.

**Objectives:**

- Identify the most commonly encountered WMD (chemical, biological, radiological, nuclear, and explosive agents [CBRNE]) components and apply appropriate emergency response strategies.
- Describe their organization's role in the Incident Command System (ICS) and operate within a unified command structure during a WMD/terrorism incident.
- Develop effective response strategies that integrate the full spectrum of capabilities with their community's response organizations.
- Ensure that their community's emergency management organizations can work with State and Federal agencies through the JOC and DFO in order to coordinate crisis and consequence management action during a WMD/terrorism incident.
- Examine and analyze the actions taken by various emergency response organizations during actual WMD/terrorism incidents to assess the effectiveness of those actions and apply lessons learned in their own communities.

### *Audience*

## Incident Management / Unified Command for WMD/Terrorism Incidents

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<b>Function/Area:</b>	Communications / Dispatch, Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Public Health, Safety
<b>Performance Level:</b>	Command
<b>Pre-requisites:</b>	WMD Awareness-Level training, solid working knowledge of local emergency operating procedures. Completion of Incident Management/Unified Command concepts course available online.

### *Course Details*

<b>Course Length:</b>	32 hours (four 8-hour days)
<b>Instruction Type:</b>	Other : Scenario-based exercises
<b>Course Location:</b>	Other : To be provided at a local training facility.
<b>Class Size:</b>	Min 32 Max 40
<b>Cost to Participant:</b>	Free to eligible jurisdictions, determined by ODP.
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

**Registration Information:** This Course is primarily intended for command, emergency management and EOC participants. It is the responsibility of the jurisdiction to determine course participants. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

<b>POC Name:</b>	Centralized Scheduling and Information Desk
<b>POC Address:</b>	
<b>POC Phone Number:</b>	(800) 368-6498
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	askcsd@ojp.usdoj.gov
<b>POC Website:</b>	

### *Additional Comments*

**Comments:** Courses may also be scheduled on a space-available basis. Contact the POC for details.

## Incident Response to Terrorist Bombings - Awareness

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NMT, EMRTC, member of NDPC

**Description:** Delivered by the New Mexico Institute of Mining and Technology (NMT), Energetic Materials Research and Testing Center (EMRTC), member of National Domestic Preparedness Consortium (NDPC). This is an awareness-level course designed to provide basic instruction in Weapons of Mass Destruction (WMD), with a focus on explosives and incendiary devices as terrorist weapons. The course includes classroom presentations that address potential terrorist targets in U.S. communities, common military and commercial explosives (available to terrorists), Improvised Explosive Devices (IEDs), and response procedures that support safe and effective operations during bomb incidents.

**Objectives:** To prepare emergency responders to perform effectively during incidents of terrorism involving energetic materials (explosives and incendiaries).  
Instill participants with respect for the destructive potential of energetic materials that may be used by terrorists in a WMD incident.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement, Safety

**Performance Level:** Awareness

**Pre-requisites:** Participants must be law enforcement officers, firefighters, emergency medical technicians, or hold other local or State positions handling responses to bomb incidents.

### *Course Details*

**Course Length:** 4 hours

**Instruction Type:** Other : Demonstration and classroom

**Course Location:** Other : Provided by graduate instructors of Incident Response to Terrorist Bombings Operations level course. By special request, training is available for large audiences by EMRTC instructors.

**Class Size:** Min tba Max tba

## Incident Response to Terrorist Bombings - Awareness

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**Cost to Participant:** All training and course materials are free.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** This course is intended to supplement existing in-service training programs at emergency response agencies at State and local levels in the United States. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**



## Introduction to WMD-Related Hazardous Materials--Substances and Symptoms

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course is designed to provide a basic understanding of the chemical, biological, and radiological/nuclear materials associated with WMD as well as the signs and symptoms of exposure.

**Objectives:** ,

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:** Awareness

**Pre-requisites:** None.

### *Course Details*

**Course Length:** 4 hours

**Instruction Type:** Classroom

**Course Location:** Local/State Based Training (non-specified site)

**Class Size:** Min 12 Max 24

**Cost to Participant:** Free to eligible jurisdictions

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:** This course is "Ready for Pilot" and may be presented as soon as a jurisdiction volunteers to host a Pilot Event and it can be scheduled.

## Law Enforcement Response to Weapons of Mass Destruction--Awareness Train-the-Trainer

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** LSU, ACE, and NDPC

**Description:** This course provides participant trainers with a general understanding and recognition of terrorism, identification of WMD including chemical, biological, radiological, nuclear, and explosive (CBRNE) agents, and defensive considerations and control issues associated with criminal incidents.

**Objectives:**

- Understand the differences between terrorism, domestic terrorism, right-wing terrorism, left-wing terrorism, special interest terrorism, international terrorism, and State-sponsored terrorism.
- Recognize the differences between terrorist acts and other forms of criminal activity.
- Understand the differences between terrorist incident, suspected terrorist incident, and terrorism prevention.
- Recognize the roles and responsibilities of local, State, and Federal government agencies in responding to WMD incidents.
- Understand the structure and functions of an Incident Command System (ICS) and how law enforcement agencies operate within an ICS.

### *Audience*

**Function/Area:** Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** Participants must be commissioned law enforcement officers or personnel employed by an emergency response agency. Must have completed a recognized instructor training program and/or be certified or designated as trainer by their agency.

### *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Other : Training is provided onsite by requesting agencies.

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

## Law Enforcement Response to Weapons of Mass Destruction--Awareness Train-the-Trainer

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**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

## Law Enforcement Response to Weapons of Mass Destruction--Operations Level Train-the-Trainer

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** LSU, ACE, member of NDPC

**Description:** This course is designed to improve the capabilities of emergency services agencies to respond to WMD incidents by providing operations-level training to law enforcement personnel. The primary purpose of the course is to teach law enforcement trainers the appropriate action(s) at the scene of a suspected terrorist/WMD incident. Trainers/Students will be taught to understand and recognize terrorism, defensive considerations (chemical, biological, radiological, nuclear, and explosive), and control issues associated with WMD activity. Applicable standards and regulations outlining the core competencies at the Operations Level for emergency responders will be used in modifying and delivering this course. Trainers will be taught training methodologies to teach their law enforcement officers in such areas as: recognition of a WMD incident, implementing self-protection measures, securing the scene, notifying appropriate local, State, and/or Federal authorities, and the transition phases from an emergency incident to a recovery incident. Upon completion of the Train-the-Trainer course, participants are then eligible to conduct (indirect) courses for their agency and surrounding jurisdictions. All training materials required for indirect course delivery by certified instructors are furnished through the Academy of Counter-Terrorist Education.

**Objectives:** Identify indicators of a possible weapon of mass destruction incident and describe the effects of such weapons.

Collect all relevant information concerning a WMD incident, including information required to coordinate and execute an effective initial response and information necessary to conduct a successful criminal investigation.

Employ effective self-protection procedures for a weapon of mass destruction incident.

Identify evidence associated with a weapons of mass destruction incident.

## Law Enforcement Response to Weapons of Mass Destruction--Operations Level Train-the-Trainer

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### *Audience*

**Function/Area:** Law Enforcement  
**Performance Level:** Operations  
**Pre-requisites:** AWR-120. Course participants must be commissioned law enforcement officers or personnel employed by an emergency response agency. Participants must have completed a recognized instructor training program and/or be certified or designated as a "trainer" by their agency.

### *Course Details*

**Course Length:** 24 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : Training is provided onsite at requesting agencies.  
**Class Size:** Min Max  
**Cost to Participant:** Training is free to eligible jurisdictions.  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### *Additional Comments*

**Comments:**

## Law Enforcement Response to WMD Incidents--Awareness

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** LSU, ACE, member of NDPC

**Description:** Delivered by Louisiana State University (LSU), Academy of Counter-Terrorist Education (ACE), member of National Domestic Preparedness Consortium (NDPC), This course addresses the special needs of law enforcement responders to incidents which may have been caused by terrorist action. The course identifies basic level response to such topics as Biological, Nuclear, Incendiary, Chemical, and Explosive (BNICE) incidents, suspicious events, responder self-protection, site security, crime scene considerations, and specialized Incident Command issues.

**Objectives:**

- Understand the difference between terrorism, domestic terrorism, right-wing terrorism, international terrorism, and State-sponsored terrorism.
- Recognize the differences between terrorist acts and other forms of criminal activity.
- Understand the differences between terrorist incident, suspected terrorist incident, and terrorism prevention.
- Recognize the roles and responsibilities of local, State, and Federal government agencies in responding to WMD incidents.
- Understand the structure and functions of an Incident Command System (ICS) and how law enforcement agencies operate within an ICS.

### *Audience*

**Function/Area:** Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** Participants must be commissioned law enforcement officers.

### *Course Details*

**Course Length:** 16 hours (two 8-hour days)

**Instruction Type:** Other : Demonstration and classroom

**Course Location:** Other : State law enforcement training academy

**Class Size:** Min tba Max tba

## Law Enforcement Response to WMD Incidents--Awareness

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**Cost to Participant:** Free to eligible jurisdictions, determined by ODP.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

## Managing Civil Actions in Threat Incidents (MCATI): Command Course

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Community Research Associates (CRA)

**Description:** This course provides personnel above the line officer with the knowledge to plan and respond to a civil action in a functional and appropriate manner. The course includes multiple modules that can be presented together for a comprehensive training program or used as individual modules for standalone programs. The modules include concepts such as history of civil disturbance, planning, incident command systems, community and media relations, demonstrator tactics, riot control agents, legal perspectives, doctrinal concepts, crisis decisionmaking, team tactics, force multipliers, and fire ground tactics. Each module is based in classroom lecture with exercises integrated throughout (as appropriate) and leading up to a practical Command Post-Exercise tabletop conducted on the last day of training.

**Objectives:**

- Develop comprehensive strategic and tactical plans for their organizations when preparing for special events, civil disorders, and public assemblages.
- Use a community, media, and law enforcement partnership when dealing with civil disorder and threat incidents.
- Recognize various tactics that demonstrators use to obstruct traffic, understand the duties of public safety responders to civil disorders, and recommend prevention and countermeasures that can be used to undermine the tactics.
- Associate and apply legal principles and applicable case and statutory law to their positions and their departments' mission in planning and executing the management of civil actions in threat incidents.
- Influence a safe and effective response through recognizing the need for coordinated efforts among all public safety services in a civil disorder threat situation.
- Recognize the importance of using team tactics to control civil disorder situations and develop operational guidelines based on team policing principles for their respective departments.



## Managing Civil Actions in Threat Incidents (MCATI): Command Course

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### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Public Works

**Performance Level:** Command

**Pre-requisites:** PER-202

### *Course Details*

**Course Length:** 40 hours

**Instruction Type:** Classroom

**Course Location:** Local/State Based Training (non-specified site)

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

## Managing WMD: An Executive Level Program for Sheriffs

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Delivered by National Sheriffs' Association (NSA)

**Description:** The National Sheriffs' Association has developed domestic terrorism first responder training protocols for law enforcement officers. The goals of the project are to increase the awareness of Sheriffs about the potential problem and its perpetrators, to introduce and discuss the issues a Sheriff will confront in response to a Weapons of Mass Destruction (WMD) incident, and to train Sheriffs on pre-incident collaboration/preparations they can begin implementing.

**Objectives:** Understand the basic idea that a WMD event is a complex event.  
Understand that a WMD event is a criminal event.  
Understand the need for self-protection and protection of the command post.  
Understand that no one agency can handle a true WMD or terrorist event by itself.  
Understand the need for an Incident Command System (ICS) at a WMD event.

### *Audience*

**Function/Area:** Law Enforcement

**Performance Level:** Management

**Pre-requisites:** None

### *Course Details*

**Course Length:** 12 hours (one 8-hour day and one 4-hour)

**Instruction Type:** Other : Demonstration and classroom

**Course Location:** Other : Delivered through State law enforcement training academy or locally based training facility.

**Class Size:** Min tba Max tba

**Cost to Participant:** Free to eligible jurisdictions, as determined by ODP.

**Certificate:** Yes

### *Eligibility and Enrollment*

## Managing WMD: An Executive Level Program for Sheriffs

---

**Registration Information:** This course is primarily intended for the local Sheriffs or members of WMD planning teams working directly with the local Sheriffs. It is the responsibility of the jurisdiction to determine course participants. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

## Master of Arts Degree in Homeland Security

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Naval Postgraduate School, Center for Homeland Defense and Security

**Description:** The Master of Arts Degree in Homeland Security is the first of its kind: an 18-month graduate education program designed to equip future homeland security leaders with the specialized skills and knowledge needed to meet the challenges of homeland defense and security. Students will study issues such as intelligence sharing, critical infrastructure protection, and law enforcement and judicial issues. The study and examination of these issues will provide students with new insight and approaches that will prepare them to help strengthen the Nation's capacity to deter, defeat, and respond to terrorism.

**Objectives:** Develop future leaders responsible for homeland defense and security at the local, State, and Federal levels.

Provide current and future leaders with the necessary skills and knowledge to defeat terrorism.

Enhance interagency communication and civil-military cooperation at all levels of government.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Hospital, Law Enforcement, Public Health, Public Works

**Performance Level:** Management

**Pre-requisites:** Completion of an accredited undergraduate degree program (minimum 3.0 GPA). Currently occupying a position responsible for developing and/or implementing homeland security or public safety policies and practices. Applicants must complete the application and selection process, and be accepted into the program.

### *Course Details*

**Course Length:** 18 months

**Instruction Type:** Other : Mostly network-based distance learning with 2 weeks of in-residence education at the Naval Postgraduate School.

**Course Location:** Other : Distance-based learning

## Master of Arts Degree in Homeland Security

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**Class Size:** Min Max  
**Cost to Participant:** All program costs will be funded by ODP.  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### *Additional Comments*

**Comments:**

## Mayoral Institute for WMD/Terrorism Incident Preparedness

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, member of NDPC

**Description:** Delivered by the National Emergency Response and Rescue Training Center (NERRTC), Texas Engineering Extension Service (TEEX), member of National Domestic Preparedness Consortium (NDPC), for The Mayoral Institute for WMD and Terrorism Preparedness is conducted as a "mayors only" venue for the Nation's mayors to discuss the strategic and executive level issues and challenges related to WMD/terrorism preparedness and share proven strategies and practices. It is designed for 8-12 mayors; preferably a group of mayors with regional interests. The seminar integrates multimedia scenarios and vignettes that highlight the key issues and facilitate discussion. The executive seminar theme is "Knowing the right questions to ask...and getting the right answers." Mayors attending the executive seminar are provided a Mayoral Institute for WMD and Terrorism Incident Preparedness Handbook outlining potential mayoral-level issues and discussion topics using the preparedness (pre-incident), response (incident), and recovery (post-incident) phases of the crisis/consequence management framework.

**Objectives:** Determine available resources.  
Integrate local, State, and Federal resources to ensure adequate response.

### *Audience*

**Function/Area:** Elected Official

**Performance Level:** Management

**Pre-requisites:** None

### *Course Details*

**Course Length:** 6 hours (one 6-hour day)

**Instruction Type:** Other : Discussion and multimedia scenarios

**Course Location:** Other : Regionally determined

**Class Size:** Min 8 Max 12

## Mayoral Institute for WMD/Terrorism Incident Preparedness

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**Cost to Participant:** Funded by DOJ ODP training grant.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Primarily intended for newly elected mayors.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:** Department of Justice (DOJ) Office of Domestic Preparedness (ODP) grant funding covers seminar site, travel, lodging, meals, and curriculum delivery costs.

## Operation and Maintenance (O&M) of the Draeger Civil Defense System (CDS)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on class covers the capabilities and limitations, pre-operation, operation, preventive and corrective maintenance of the Draeger CDS. The class includes descriptions of the various Colorimetric Tubes available for use with this system. This class is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 2 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**



## Operation and Maintenance (O&M) of the Draeger Civil Defense System (CDS)

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### *Additional Comments*

Comments:

## Operation and Maintenance of the 451B Ionization Chamber Survey Meter

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security,  
Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers the capabilities and limitations, pre-operation, operation, and maintenance of Inovision's 451B Chamber Survey Meter.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:** This course is "Ready for Pilot." It can be presented as soon as a jurisdiction volunteers to host a Pilot Event and it can be scheduled.

# Operation and Maintenance of the CAM Chemical Agent Monitor with PLUS software

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on class covers the capabilities and limitations, pre-operation, operation, and preventive maintenance and troubleshooting of Graseby's CAM Chemical Agent Monitor with PLUS software. This class is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

## *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

## *Additional Comments*

**Comments:**

## Operation and Maintenance of the Chemical Agent Detection Kit, M18A3

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers the proper use of Truetech's M18A3 Chemical Agent Detector Kit. The course is intended for response personnel having training, equipment operation, and/or equipment inventory/maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**

## Operation and Maintenance of the Chemical Agent Detector HAZMATCAD Plus

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on course covers the capabilities and limitations, pre-operation, operation, and preventive and corrective maintenance of Microsensor's Systems' HAZMATCAD Plus. This course is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 2 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**

## Operation and Maintenance of the Chemical Agent Detector SAW MiniCAD MkII

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hand-on course covers the capabilities and limitations, pre-operation, operation, and preventive maintenance of Microsensor Systems' SAW MiniCAD MkII. This class is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 2 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**

## Operation and Maintenance of the Chemical Detector APD2000

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hand-on course covers the capabilities and limitations, pre-operation, operation, and preventive maintenance and troubleshooting of Environmental Technologies Group's "Advanced Portable Detector", APD2000. This course is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Hazardous Materials

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

## Operation and Maintenance of the Chemical Detector APD2000

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### *Additional Comments*

Comments:



## Operation and Maintenance of the Draeger Chip Measurement System (CMS)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on course covers the capabilities and limitations, pre-operation, preventive and corrective maintenance of the Draeger CMS. The class includes descriptions of the various chips available for use with this system. The course is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 2 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

## Operation and Maintenance of the Draeger Chip Measurement System (CMS)

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Comments:

## Operation and Maintenance of the Ludlum Model 2241-2 Emergency (Radiological) Response Kit

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on course covers the capabilities and limitations, pre-operation, preventive and corrective maintenance of Ludlum Measurements' Model 2241-2 Response Kit (including the Model 2241-2 Digital Scaler/Ratemeter, the Model 44-2 NaI Gamma Scintillator, and Model 44-9 Pancake Geiger-Mueller Detector.) This class is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Hazardous Materials

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 4 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

## Operation and Maintenance of the Ludlum Model 2241-2 Emergency (Radiological) Response Kit

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### *Additional Comments*

Comments:

## Operation and Maintenance of the Multi-Gas Meter Passport FiveStar Alarm

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers the capabilities and limitations, pre-operation, operation, and preventive maintenance and troubleshooting of MSA's Multi-Gas Meter, the Passport FiveStar Alarm Five-Gas Monitor. This course is intended for response personnel having training, equipment operation, and/or equipment inventory/maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of the WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**

## Operation and Maintenance of the MultiRAE Plus Multi-Gas Meter with PID

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on course covers the capabilities and limitations, pre-operation, operation, and preventive maintenance and troubleshooting of RAE System's Multi-Gas Meter with Photo Ionization Detector (PID), the MultiRAE Plus. This course is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

## Operation and Maintenance of the MultiRAE Plus Multi-Gas Meter with PID

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Comments:

## Operation and Maintenance of the Passport PID II

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on course covers the capabilities and limitations, pre-operation, operation, and preventive maintenance and troubleshooting of MSA's Photo Ionization Detector (PID) Passport PID II. This course is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*



## Operation and Maintenance of the Passport PID II

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Comments:

## Operation and Maintenance of the Photo Ionization Detector (PID) MiniRAE 2000

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on course covers the capabilities and limitations, pre-operation, operation, preventive and corrective maintenance of RAE Systems' MiniRAE PID--including data logging capabilities. This course is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**

## Operation and Maintenance of the Photo Ionization Detector (PID) MiniRAE Plus

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This hands-on course covers the capabilities and limitations, pre-operation, operation, preventive and corrective maintenance of RAE systems' MiniRAE Plus PID. This class is intended for response personnel having training, equipment operation, and/or equipment maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of the WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**

## Operation and Maintenance of the Radiation Pager--S

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers the capabilities and limitations, pre-operation, operation, and calibration of Sensor Technology Engineering, Inc.'s Radiation Pager--S.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course or its equivalent.

### *Course Details*

**Course Length:** 1 hour

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:** This course is "Ready for Pilot" and can be presented as soon as a jurisdiction volunteers to host a Pilot Event and it can be scheduled.

## Operation and Maintenance of the ToxiRAE Plus Photo Ionization Detector (PID)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers the capabilities and limitations, pre-operation, operation, and calibration of RAE System's ToxiRAE Plus PID.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 3 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:** This course is "Ready for Pilot." It can be presented as soon as a jurisdiction volunteers to host a Pilot Event and it can be scheduled.

## Public Safety Response--Sampling Techniques and Guidelines

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** LSU, NCBRT, member of NDPC

**Description:** This course is designed to teach effective, consistent, and practical procedures necessary in surveying and sampling for biological incidents. These procedures will teach consistent, protocol-driven processes that will guide responders and investigators (law enforcement/justice, public health, and animal health) as they manage the event. Students will learn uniform sample/specimen handling (chain-of-custody), analysis, and reporting. The procedures demonstrate rationale designs based on fundamental understanding of the biology of the agents and their persistence in the environment, coupled with sound forensic practices that are consistent with established law enforcement investigative processes. Applicable standards and regulations outlining the core competencies at the Technician Level for emergency responders are used in modifying and delivering this course. The NCBRT will deliver courses at sites throughout the 10 Federal regions in conjunction with the LSU Health Sciences Center and the LSU School of Veterinary Medicine.

**Objectives:** Respond effectively to incidents involving biological agents.  
Identify and preserve evidence associated with a biological incident.  
Implement safe, effective and forensically sound procedures during biological and chemical sampling and survey operations, including maintaining a sample chain of custody.  
Assist law enforcement, public health and medical operations at an emergency responder level and help coordinate with other emergency services personnel.  
Employ procedures and measures to provide effective self-protection and protect the public from hazards caused by biological and chemical incidents.

### *Audience*

**Function/Area:** Hazardous Materials

**Performance Level:** Not Applicable

## Public Safety Response--Sampling Techniques and Guidelines

---

**Pre-requisites:** Participants must be certified HazMat Technicians and must have successfully completed a WMD Operations Performance Level A training course.

### *Course Details*

**Course Length:** 32 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : Training is provided onsite at requesting agencies.  
**Class Size:** Min Max  
**Cost to Participant:** Training is free to eligible jurisdictions.  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### *Additional Comments*

**Comments:**

## Public Works (PW) for WMD: Basic Concepts (Internet)

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, member of NDPC

**Description:** Delivered by the National Emergency Response and Rescue Training Center (NERRTC), Texas Engineering Extension Service (TEEX), a member of National Domestic Preparedness Consortium (NDPC). This course provides a unique opportunity for public works employees to acquire the knowledge, skills, and attitudes necessary to help them protect public safety and infrastructure from the threat of a WMD terrorism incident.

**Objectives:**

### *Audience*

**Function/Area:** Public Works

**Performance Level:** Awareness

**Pre-requisites:** Course participants must serve in a public works position and have completed Terrorism Awareness for Emergency Responders.

### *Course Details*

**Course Length:** Self-paced, approximately 3-4 hours

**Instruction Type:** Other : Internet-based

**Course Location:** Other : Internet-based via TEEX Web Campus at <http://www.teexwmdcampus.edu.com>

**Class Size:** Min tba Max tba

**Cost to Participant:** Free to eligible jurisdictions, as determined by ODP.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** This course is primarily intended for public works personnel with access to a personal computer. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact (see the Training Coordinators List in Appendix A).

**POC Name:** Roy Robinson



## **Public Works (PW) for WMD: Basic Concepts (Internet)**

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**POC Address:** 301 Tarrow-TEEX, College Station, TX 77840-7896

**POC Phone Number:** (979) 862-4355

**POC Fax Number:** (979) 458-6771

**POC Email Address:** roy.robinson@teexmail.tamu.edu

**POC Website:**

***Additional Comments***

**Comments:**

## Public Works: Planning for and Responding to a WMD/Terrorism Incident

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, member of NDPC

**Description:** Delivered by the National Emergency Response and Rescue Training Center (NERRTC), Texas Engineering Extension Service (TEEX), member of National Domestic Preparedness Consortium (NDPC). This course focuses on enhancing the capabilities of public works leadership, in coordination with State and local emergency response personnel, to plan for, respond to, and manage a weapons of mass destruction (WMD) terrorism incident. The course presents the fundamental skills, knowledge, and attitudes that will be needed by public works managers and supervisors when they are called upon to respond to a WMD terrorism incident or develop a plan to prevent or mitigate a WMD terrorism incident, including chemical and biological agents, nuclear/radiological weapons, and explosive devices. In order to foster a proper level of multidiscipline understanding, participants from the fire services (fire, HazMat, EMS), law enforcement, and public health disciplines will be invited to the course.

**Objectives:**

- Describe the impact a terrorism/WMD incident will have on public works personnel and resources.
- Delineate and describe the controlling legal authorities and professional standards that guide response efforts to a terrorism/WMD incident, and explain their functions.
- Understand Incident Command System for a terrorism/WMD incident, and describe the public works relationships with the Incident Command Post, the Emergency Operations Center, State and Federal agencies, and the Joint Operations Center.
- Describe the issues to be considered and included in developing an effective response plan that integrates the full spectrum of the community's emergency response capabilities.
- Use the jurisdiction's EOP/terrorism incident annex and the knowledge gained from this course to identify specific needs, and develop an action plan to prepare for, respond to, and recover from a terrorism/WMD

## Public Works: Planning for and Responding to a WMD/Terrorism Incident

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incident.

### ***Audience***

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Public Works

**Performance Level:** Not Applicable

**Pre-requisites:** Excepting target audience, participants must hold managerial/supervisory positions within public works and successful completion of a terrorism/WMD incident awareness course.

### ***Course Details***

**Course Length:** 24 hours (three 8-hour days)

**Instruction Type:** Other : "Hands-on" demonstration and classroom

**Course Location:** Other : Delivered by NERRTC instructors at a site provided by the jurisdiction.

**Class Size:** Min Max 40

**Cost to Participant:** Free to eligible jurisdictions, determined by ODP.

**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Participants as determined by the jurisdiction's director of public works. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 398-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

## Senior Officials Workshop for WMD/Terrorism Incident Preparedness

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, member of NDPC

**Description:** Delivered by the National Emergency Response and Rescue Training Center (NERRTC), Texas Engineering Extension Service (TEEX), member of National Domestic Preparedness Consortium (NDPC). This seminar is designed as a forum that allows appointed and elected senior officials to discuss strategic and executive level issues regarding WMD/terrorism incidents. Some of the topics covered will assist in the assessment of potential targets within your community, the problems presented, and potential protective actions that can be taken. It will also focus on how to develop an integrated response that involves local, State, and Federal resources and how to develop an awareness for special financial and legal considerations, and media impacts that a WMD incident may involve.

**Objectives:** Senior Officials determine correction questions to ask and ensure right response.

### *Audience*

**Function/Area:** Elected Official

**Performance Level:** Management

**Pre-requisites:** None

### *Course Details*

**Course Length:** 6 hours (one 6-hour day)

**Instruction Type:** Other : Seminar

**Course Location:** Other : Training is conducted at local or State conference facilities.

**Class Size:** Min 15 Max 20

**Cost to Participant:** Free to eligible jurisdictions, determined by ODP.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Primarily for senior-level elected or appointed officials.

**POC Name:** Centralized Scheduling and Information Desk

## Senior Officials Workshop for WMD/Terrorism Incident Preparedness

---

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

***Additional Comments***

**Comments:**

## State Strategy Technical Assistance

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** State Governments

**Description:** Background: Under the State and Local Domestic Preparedness Technical Assistance Program, the Office for Domestic Preparedness (ODP), Office of Justice Programs (OJP) has implemented a State Strategy Technical Assistance component to assist States in meeting the needs assessment and comprehensive planning requirements under the ODP's Fiscal Year 1999 State Domestic Preparedness Equipment Support Program. Purpose: The purpose of the State Strategy Technical Assistance component is to assist States in developing and implementing a 3-year State strategy for the enhancement of jurisdictional preparedness for a weapons of mass destruction (WMD) terrorist incident. The program goals are to: 1. Enhance the State and local jurisdiction's understanding of the assessment process; 2. Enhance the State and local jurisdiction's ability to conduct assessments; and 3. Enhance the State's ability to develop a 3-year State strategy. Technical Assistance Sessions: ODP is providing three distinct training sessions to better prepare State and local jurisdictions to meet each program goal.

**Objectives:**

### *Audience*

**Function/Area:** Administration / Finance

**Performance Level:** Technician

**Pre-requisites:** Designed for States developing and implementing 3-year State strategies for the enhancement of jurisdictional preparedness for weapons of mass destruction (WMD) terrorist incidents.

### *Course Details*

**Course Length:** To be announced (tba)

**Instruction Type:** Other : Advisory, conference, and train-the-trainer

**Course Location:** Other :

**Class Size:** Min tba Max tba

**Cost to Participant:** Without charge to requesting states and localities.

## State Strategy Technical Assistance

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**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Submit requests to the ODP jurisdiction grants program manager.

**POC Name:** Gabrielle Meszaros-Parada

**POC Address:** Office for Domestic Preparedness 810 Seventh Street NW, Washington, DC 20531

**POC Phone Number:** (202) 307-6061

**POC Fax Number:** (202) 616-2922

**POC Email Address:** meszaros@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:** For information about the technical assistance program and other ODP programs, see the ODP homepage at <http://www.ojp.usdoj.gov/odp/>

## Use of Biological Agent Detection Materials--Bio-Assay (SMART) Tickets

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers the proper use of materials designed to detect biological agents, New Horizons' Sensitive Membrane Antigen Rapid Test (SMART) Tickets. This course is intended for response personnel having training, equipment operation, and/or equipment inventory/maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 1 hour

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**



## Use of Chemical Agent Detection Materials--M8, M9, and M256A1 Kit

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This class covers the proper use of Anachemia Canada's M256A1 Detection Kit and M8 Chemical Agent Detector Paper and Truetech's M9 Chemical Agent Detector Paper. This class is intended for response personnel having training, equipment operation, and/or equipment inventory/maintenance responsibilities.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

### *Course Details*

**Course Length:** 1 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 6 Max 12

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

### *Additional Comments*

**Comments:**

# Weapons of Mass Destruction Crime Scene Management for Emergency Responders

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Community Research Associates (CRA)

**Description:** This course will provide emergency responders with an understanding of the crime scene process. Responders will also learn how to assist in crime scene protection and interact with crime scene investigators. This Awareness Level course was designed by CRA to serve the needs of emergency responders previously untrained for responses to weapons of mass destruction (WMD) crime scenes.

**Objectives:**

- Recognize terrorism and a WMD crime scene.
- Recognize the importance of the emergency responder's role at a WMD crime scene.
- Recognize legal issues surrounding a WMD crime scene.
- Identify special considerations at a WMD crime scene.
- Define the management of a WMD crime scene.
- Identify the steps used to identify, protect, and collect evidence at a WMD crime scene.

## *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Safety

**Performance Level:** Awareness

**Pre-requisites:** Affiliation with a public safety agency.

## *Course Details*

**Course Length:** 8 hours

**Instruction Type:** Classroom

**Course Location:** Local/State Based Training (non-specified site)

**Class Size:** Min Max

**Cost to Participant:** All training is free to eligible jurisdictions.

**Certificate:** Yes

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

## **Weapons of Mass Destruction Crime Scene Management for Emergency Responders**

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**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

## WMD Emergency Response Training Course (Live-Agent)

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### Course Overview

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** OJP, CDP, member of NDPC

**Description:** Delivered by the Office of Justice Programs (OJP), Center for Domestic Preparedness (CDP), member of the National Domestic Preparedness Consortium (NDPC). The WMD Technical Emergency Response Training Course is designed to provide emergency responder operational level instruction on responding to and operating in a WMD environment. The course covers chemical, ordnance/explosive, biological, and radiological/ nuclear threats; the current domestic and international terrorist threat; managing a WMD scene; determining the breadth of a WMD incident area; and dealing with the media at a WMD incident. In addition, it provides 20 hours of hands-on familiarization training with specialized protective clothing and equipment, chemical detection and identification equipment, decontamination, and triage. The course culminates with a hands-on training exercise in the Live-Agent Training Facility.

**Objectives:** `

### Audience

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Law Enforcement

**Performance Level:** Operations

**Pre-requisites:** WMD Awareness Course, Individuals applying for the course must submit the enrollment application and medical screening form provided by the CDP.

### Course Details

**Course Length:** 32 hours (four 8-hour days)

**Instruction Type:** Other : "Hands-on" demonstration and classroom

**Course Location:** Other : Center for Domestic Preparedness, Anniston, AL

**Class Size:** Min tba Max tba

**Cost to Participant:** Free to eligible jurisdictions, determined by ODP.

**Certificate:** Yes

## WMD Emergency Response Training Course (Live-Agent)

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### *Eligibility and Enrollment*

**Registration Information:** It is the responsibility of the jurisdiction to determine course participants. Medical restrictions are 20/40 uncorrected eyesight and blood pressure not to exceed 140/90 medicated. In addition, all individuals must undergo a 2-hour onsite medical screening at the conclusion of the course. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact (see the Training Coordinators List in Appendix A).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:** For more specific information contact: Richard Dickson, Center for Domestic Preparedness, Attention: Training and Education, P.O. Box 5100, Anniston, AL 36205-5100, (tel) 256-847-2132, (fax) 256-847-2020, DicksonR@ojp.usdoj.gov

## WMD Detection Technologies

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course covers detection technologies primarily associated with the term "Weapons of Mass Destruction (WMD)"; the capabilities and limitations of these technologies; the types of equipment that employ these technologies; and the chemical, biological, and nuclear/radiological material that can be detected. This class is intended as a refresher for personnel having prior knowledge of WMD-related hazardous materials.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Public Health

**Performance Level:**

**Pre-requisites:** Familiarity with WMD-related substances and symptoms.

### *Course Details*

**Course Length:** 4 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 12 Max 24

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

## WMD Detection Technologies

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### *Additional Comments*

Comments:

## WMD Exercise Development Course--Mobile Training Team

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NNSA/NV, NCEE, member of NDPC

**Description:** This course is tailored to fit the individual community and other levels of government in the conduct of weapons of mass destruction (WMD) mitigation and consequence management exercises.

**Objectives:** Students will develop, prepare, and execute a WMD exercise at their locations and at the Nevada Test Site.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Public Health, Public Works

**Performance Level:** Not Applicable

**Pre-requisites:** AWR-110, AWR-111, or other related WMD Awareness level courses. Completion of FEMA's Basic Emergency Response online course.

### *Course Details*

**Course Length:** 24 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivered at the participant's location.

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail the Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*



## **WMD Exercise Development Course--Mobile Training Team**

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**Comments:**

## WMD Hands-On Training (HOT) (Live Agent)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** CDP, member of NDPC

**Description:** The Hands-On Training Course consists of a 2-day advanced training program providing hands-on training with personal protective equipment (PPE), advanced sampling and monitoring equipment, evidence collection and preservation, mass casualty triage, and explosive/ordnance secondary devices and searches. The course concludes with multi-task, hands-on, performance-oriented training in the WMD [Toxic Agent] (COBRA) Training Facility.

**Objectives:** Demonstrate the ability to employ PPE, perform mass casualty triage, employ sampling and monitoring equipment, perform decontamination, and identify improvised explosive devices (IEDs).  
Demonstrate the ability to perform Operations-Level WMD competencies in a WMD toxic environment.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hospital, Law Enforcement, Public Health

**Performance Level:** Management

**Pre-requisites:** PER-260 and MGT-360. Responders applying for the course must submit the enrollment application and medical screening form provided by the CDP. Responders must have vision above 20/100 uncorrected (contact lenses permitted). Anyone with high blood pressure (150 over 90) may be precluded from participation in Toxic Agent Training. Pregnancy disqualifies responder candidates from attending this training.

### *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Other : Hands-on training

**Course Location:** Center for Domestic Preparedness

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

**Certificate:** Yes

## **WMD Hands-On Training (HOT) (Live Agent)**

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### ***Eligibility and Enrollment***

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### ***Additional Comments***

**Comments:**

## WMD Hazardous Materials Technician Sustainment (HTS)

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### Course Overview

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** CDP, member of NDPC

**Description:** The WMD Hazardous Materials Technician Sustainment (HTS) course consists of 2 days of scenario-based advanced training in: personal protective equipment (PPE) Level A, advanced sampling and monitoring equipment, evidence preservation, collection and overpack, and patient extrication and decontamination. The course concludes with multitask, hands-on, performance-oriented training in the WMD [Toxic Agent] (COBRA) Training Facility.

**Objectives:** Demonstrate the ability to perform hazardous material technician weapons of mass destruction (WMD) competencies in the appropriate PPE, using advanced instrumentation, techniques and procedures. Demonstrate the ability to perform hazardous materials technician WMD competencies in a WMD toxic environment.

### Audience

**Function/Area:** Hazardous Materials

**Performance Level:** Technician

**Pre-requisites:** PER-261. Responders applying for the course must submit the enrollment application and medical screening form provided by CDP. Responders must have vision above 20/100 uncorrected (contact lenses permitted). Anyone with high blood pressure (150 over 90) may be precluded from participation in Toxic Agent Training. Pregnancy disqualifies responder candidates from attending this training.

### Course Details

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Center for Domestic Preparedness

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

**Certificate:** Yes

## **WMD Hazardous Materials Technician Sustainment (HTS)**

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### ***Eligibility and Enrollment***

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### ***Additional Comments***

**Comments:**

## WMD Hazardous Materials Technician Training Course (Live Agent)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** CDP, member of NDPC

**Description:** This course is a 3-day in-depth training course in the composition, identification, and decontamination of weapons of mass destruction agents that have the potential for use in a terrorist incident. This course also includes training in the preservation of evidence at a crime scene, an overview of the international and domestic terrorist threat, and a series of practical exercises involving WMD detection, identification, and protective equipment and techniques for operating at a WMD terrorist incident. This course culminates with a multi-task, hands-on training exercise in the WMD Toxic Agent Training Facility.

**Objectives:** Identify domestic and international terrorist groups, ideologies, and methods of executing terrorist acts.  
Demonstrate competent advanced knowledge of the four components of WMD, their composition, their complexities, and their effects.  
Demonstrate the ability to perform hazardous material technician WMD competencies wearing the appropriate PPE, using advanced instrumentation, techniques, and procedures.  
Demonstrate the ability to perform hazardous material technician WMD competencies in a WMD toxic environment.

### *Audience*

**Function/Area:** Hazardous Materials

**Performance Level:** Technician

**Pre-requisites:** AWR-101 or AWR-110. Hazardous Materials Technicians attending this training must be certified as having successfully met the competencies outlined in OSHA 29 CFR 1910.120 and NFPA 472 for HazMat Technicians.

### *Course Details*

**Course Length:** 24 hours

**Instruction Type:** Classroom

**Course Location:** Center for Domestic Preparedness

## WMD Hazardous Materials Technician Training Course (Live Agent)

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**Class Size:** Min Max  
**Cost to Participant:** Training is free to eligible jurisdictions.  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### *Additional Comments*

**Comments:**

# WMD Mass Casualty Personnel Decontamination

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This class provides an in-depth study of the principles and procedures of mass casualty decontamination. Training also involves high-energy tabletop exercises and practical applications to reinforce the objectives. Students undergo a rigorous analysis of a mass casualty incident from initial attack to clean up and reconstitution. Students perform decontamination in four contaminated (simulated) personnel situations. This class is intended for members of all emergency response community agencies.

**Objectives:**

## *Audience*

**Function/Area:** Emergency Management, Emergency Medical

**Performance Level:**

**Pre-requisites:** Completion of WMD Detection Technologies (WMD01) course.

## *Course Details*

**Course Length:** 24 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min Max 25

**Cost to Participant:**

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**



## WMD Mass Casualty Personnel Decontamination

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### *Additional Comments*

Comments:

## WMD Personal Protective Equipment (PPE) Field Training

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** Office for Domestic Preparedness

**Description:** This course comprises several modules including: Introduction to WMD Personal Protective Equipment; Considerations for the Selection of PPE; Hot Area Operations; and PPE Practical Exercise. This course is intended for experienced members of all emergency response, community agencies, Emergency Management, Fire/HAZMAT, law enforcement, and emergency medical services.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations, Fire, Hazardous Materials, Law Enforcement

**Performance Level:**

**Pre-requisites:** Completion of WMD00 and WMD Detection Technologies WMD01 or the equivalents. Completion of a minimum of five Detection Equipment Operation and Maintenance classes.

### *Course Details*

**Course Length:** 24 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min 12 Max 16

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Gil Wendt

**POC Address:**

**POC Phone Number:** (757) 428-6251

**POC Fax Number:** (757) 428-6251

**POC Email Address:** GWendt@genphysics.com

**POC Website:**

## **WMD Personal Protective Equipment (PPE) Field Training**

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### ***Additional Comments***

**Comments:**

This course is "Ready for Pilot." It can be presented as soon as a jurisdiction volunteers to host a Pilot Event and it can be scheduled.

## WMD Radiological/Nuclear Awareness

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NNSA/NV, NCEE

**Description:** This course is a weapons of mass destruction radiological/nuclear overview designed for first responders and other personnel who are likely to be the first to arrive on the scene of a radiological/nuclear incident. It focuses on the basics of radiation, possible health effects, identification, and notification.

**Objectives:**

- Describe the radiological/nuclear threat of terrorism and its potential impact on the community.
- Describe the basic properties of radiation and its effects on responders in a radiological environment.
- Explain the health effects on the responders and victims in a radiological/nuclear incident and basic principles of emergency medical treatment.
- Apply time, distance, and shielding concepts to reduce exposure while operating in a radiation environment.
- Operate a variety of radiological instruments to determine the presence and quantity of radiation.
- Use survey techniques to determine the radiological hazards and to make tactical decisions.
- Describe the design and construction features of containers used for radiological/nuclear material.
- Describe the issues and considerations associated with managing large-scale radiological/nuclear incidents.
- Determine tactical considerations in responding to radiation incidents based upon information from the previous modules.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Public Health, Public Works

**Performance Level:** Awareness

**Pre-requisites:** None.

## WMD Radiological/Nuclear Awareness

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### *Course Details*

**Course Length:** 16 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : Delivered at the U.S. Department of Energy, Center for Exercise Excellence, Nevada Test Site.  
**Class Size:** Min Max  
**Cost to Participant:** Training is free to eligible jurisdictions.  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### *Additional Comments*

**Comments:**

## WMD Radiological/Nuclear Course for HazMat Technicians

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NNSA/NV, NCEE, member of NDPC

**Description:** This course covers WMD training for the HazMat technician and focuses on the current threat of radiological or nuclear attacks, fundamental principles of ionizing radiation, biological health and medical effects of radiological and nuclear material, hazard and risk assessment, entry and egress planning considerations, radiological survey instruments, dosimetry, appropriate situation-dependent personal protective equipment (PPE), radioactive waste-related transportation issues, and radiological decontamination considerations. The course will provide classroom instruction and scenario-driven hands-on practical exercises with a culmination exercise that includes radiological sources, smoke, emergency response vehicles, and role players.

**Objectives:** Describe the radiological/nuclear threat of WMD and its potential impact on the community.

Discuss responsibilities for maintaining exposures to radiation and radioactive material As Low As Reasonably Achievable (ALARA).

Explain the health effects of ionizing radiation and operational considerations for HazMat technicians and victims in a WMD radiological/nuclear incident.

Apply time, distance, and shielding concepts to reduce exposure while operating in a radiation environment.

Operate a variety of radiological instruments to determine the presence and quantity of radiation.

Use survey techniques to determine radiological hazards and to make tactical decisions.

Describe the design and construction features of containers used for radiological/nuclear material.

Describe the issues and considerations associated with managing large-scale radiological/nuclear incidents and apply to large-scale scenarios.

Conduct personnel and equipment decon given a radiological WMD

## WMD Radiological/Nuclear Course for HazMat Technicians

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scenario.

Describe the effects of a radiological dispersal device (RDD).

Formulate the basic tactical procedures for handling a WMD radiological/nuclear incident.

### ***Audience***

**Function/Area:** Fire, Hazardous Materials

**Performance Level:** Not Applicable

**Pre-requisites:** OSHA Certified Hazardous Materials Technician

### ***Course Details***

**Course Length:** 32 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivered at the U.S. Department of Energy, National Center for Exercise Excellence, Nevada Test Site.

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Please call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

# WMD Radiological/Nuclear Responder Operations Course

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NNSA/NV, NCEE, member of NDPC

**Description:** This course covers a weapons of mass destruction (WMD) overview for the first responder and focuses on basic radiological detection, survey instruments, risk-based response, crime-scene preservation, personal protective equipment (PPE), radiological decontamination, and mitigation of radiological incidents. The course will provide classroom instruction and scenario-driven, hands-on, performance-oriented practical exercises. There will be a culmination exercise that includes radiological sources, explosives, smoke, pyrotechnics, emergency response vehicles, and role players.

**Objectives:**

- Describe the radiological/nuclear threat of WMD and its potential impact on the community.
- Describe the fundamentals of radiation and protective strategies in a radiological environment.
- Demonstrate proper survey techniques to accurately identify the types of radiological/nuclear material and determine its human hazard.
- Explain the health, medical, and psychological effects on the responders and victims in a radiological/nuclear incident.
- Demonstrate the procedure for selecting, donning, and doffing of PPE for a radiological/nuclear environment.
- Given a radiological WMD scenario, conduct personnel and equipment decontamination.
- Describe the issues and considerations associated with managing large-scale radiological/nuclear incidents.
- Describe the effects of a radiological dispersal device (RDD).
- Describe the effects of a radiological dispersal device (RDD).
- Determine tactical considerations to respond to radiation incidents based upon information from previous modules.

## *Audience*

**Function/Area:** Emergency Medical, Fire, Hazardous Materials, Law Enforcement

**Performance Level:** Operations



## WMD Radiological/Nuclear Responder Operations Course

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**Pre-requisites:** AWR-140

### ***Course Details***

**Course Length:** 32 hours

**Instruction Type:** Classroom

**Course Location:** Other : Training will be conducted onsite at local training facilities.

**Class Size:** Min Max

**Cost to Participant:** Training is free to eligible jurisdictions.

**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Please call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

## WMD Technical Emergency Response Training Course (Live Agent)

---

### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** CDP, member of NDPC

**Description:** The WMD Technical Emergency Response Training Course is a 4-day training program designed to provide emergency responders with Operations Level instruction on responding to and operating in a weapons of mass destruction (WMD) environment. The course covers chemical, biological, radiological, nuclear, and explosive (CBRNE) threats; the current domestic and international terrorist threat; managing a WMD scene; determining the breadth of a WMD incident area; and dealing with the media at a WMD incident. In addition, it provides 20 hours of hands-on familiarization training with specialized protective clothing and equipment, chemical detection and identification equipment, decontamination, triage, and ordnance/explosive recognition and response. The course concludes with multitask, hands-on, performance-oriented training in the WMD [Toxic Agent] (COBRA) Training Facility.

**Objectives:**

- Identify domestic and international terrorist groups, ideologies, and methods of executing terrorist acts.
- Demonstrate competent knowledge of the four components of WMD, their complexities, and their effects.
- Demonstrate the ability to employ personal protective equipment (PPE), perform mass casualty triage, employ sampling and monitoring equipment, perform decontamination, and identify improvised explosive devices (IEDs).
- Demonstrate the ability to perform Operations Level WMD competencies in a WMD toxic environment.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Law Enforcement, Public Health, Public Works

**Performance Level:** Not Applicable

**Pre-requisites:** Any of the following: PER-201, PER-211, PER-221, PER-225, PER-230, PER-240, or PER-250. This course is not for HazMat technicians.

## WMD Technical Emergency Response Training Course (Live Agent)

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### *Course Details*

**Course Length:** 32 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : Delivered at the Center for Domestic Preparedness in Anniston, Alabama.  
**Class Size:** Min Max  
**Cost to Participant:** Training is free to eligible jurisdictions.  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail Point of Contact (POC).  
**POC Name:** Centralized Scheduling and Information Desk  
**POC Address:**  
**POC Phone Number:** (800) 368-6498  
**POC Fax Number:**  
**POC Email Address:** askcsd@ojp.usdoj.gov  
**POC Website:**

### *Additional Comments*

**Comments:** Responders applying for the course must submit the enrollment application and medical screening form provided by CDP. Must have vision above 20/100 uncorrected (contact lenses permitted). Anyone with high blood pressure (150 over 90) may be precluded from participating in Toxic Agent Training.

## WMD/Terrorism Awareness for Emergency Responders (Internet)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, and NDPC

**Description:** National Response and Rescue Training Center (NERRTC), Texas Engineering Extension Service (TEEX), and National Domestic Preparedness Consortium (NDPC) deliver this course. This awareness level, internet-based, self-paced course, addresses basic concepts of terrorism and the terrorist threat. The course recognizes key on-scene indicators of a suspicious event as well as appropriate self-protective measures. The course also covers security issues unique to terrorist events, appropriate notifications, and the command and control structure associated with crime scene activities.

**Objectives:** Recognize basic terms and definitions associated with terrorism and identify the three types of terrorism.  
Identify basic terms and definitions associated with WMD and identify the characteristics of BNICE weapons  
Recognize the indications that a potential WMD may have been employed, and identify equipment for protection from and detection of BNICE weapons.  
Recognize terms and definitions associated with the ICS.

### *Audience*

**Function/Area:** Communications / Dispatch, Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Public Health, Public Works, Safety

**Performance Level:** Awareness

**Pre-requisites:** None

### *Course Details*

**Course Length:** Self-paced, approximately 3-4 hours

**Instruction Type:** Other : Internet-based

**Course Location:** Other : Internet-based via TEEX Web Campus at <http://www.teexwmdcampus.com>

**Class Size:** Min N/A Max N/A

## WMD/Terrorism Awareness for Emergency Responders (Internet)

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**Cost to Participant:** Free to eligible jurisdictions, as determined by ODP.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Open to any emergency provider with access to a personal computer. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### *Additional Comments*

**Comments:**

## WMD/Terrorism Incident Defensive Operations for Emergency Responders

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:**

**Description:** This course focuses on the unique personal protection challenges that responders face during a WMD or terrorist incident. Upon successful course completion, participants will be able to respond to a WMD/terrorism incident in a defensive mode and preclude the spread of a WMD hazard to the public and the environment. Major course topics include: assessing WMD hazards; predicting the likely behavior of WMD materials; effectively operating and communicating in a unified command structure of ICS; determining detection equipment and personal protection equipment needs; performing emergency decontamination; and identifying defensive strategies for a WMD incident. This course provides the knowledge and skills needed to obtain certification through NPQS (ProBoard) at the hazardous materials operations level. The course is delivered using lectures, interactive participant activities, performance-oriented skills stations, small group discussions, multimedia scenarios, and an end-of-course examination.

**Objectives:**

***Audience***

**Function/Area:** Emergency Medical, Fire, Hospital, Law Enforcement, Public Health, Public Works

**Performance Level:**

**Pre-requisites:** Must have completed Terrorism Awareness for Emergency Responders

***Course Details***

**Course Length:** 24 hours (three 8-hour days)

**Instruction Type:**

**Course Location:** Other : Provided at local training facility.

**Class Size:** Min 24 Max 30

**Cost to Participant:**

**Certificate:**

## WMD/Terrorism Incident Defensive Operations for Emergency Responders

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### *Eligibility and Enrollment*

#### Registration Information:

POC Name: Al Bresley  
POC Address:  
POC Phone Number: (979) 458-1132  
POC Fax Number:  
POC Email Address: al.bresley@teexmail.tamu.edu  
POC Website:

### *Additional Comments*

#### Comments:

## WMD: Threat and Risk Assessment (Local Jurisdiction)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, Border & Transportation Security, Office for Domestic Preparedness

**Sponsor:** NERRTC, TEEX, member of NDPC

**Description:** Delivered by the National Emergency Response and Rescue Training Center (NERRTC), Texas Engineering Extension Services (TEEX), member of National Domestic Preparedness Consortium (NDPC). This course trains key response personnel within a local jurisdiction who are required to prevent, mitigate, manage, and/or resolve a WMD/terrorism incident. The course delivery consists of lectures, small group discussions, participant activities, multimedia scenarios, and the conduct of vulnerability assessments for facilities, sites, and infrastructures selected by the host jurisdiction.

**Objectives:** Upon completion of this course, multi-discipline teams will have the skills necessary to conduct comprehensive risk assessments and identify needs.

The participant will be able to identify the requirements and benefits of conducting a threat and vulnerability assessment within the jurisdiction.

The participant will be able to conduct a threat assessment and determine the jurisdictional threat rating.

The participant will be able to conduct site surveys of facilities and infrastructures, and determine strengths and vulnerabilities relevant to Weapons of Mass Destruction (WMD).

The participant will be able to complete the agricultural vulnerability assessment and determine potential Weapons of Mass Destruction (WMD)/terrorism scenario(s) for the local jurisdiction.

The participant will be able to determine planning factors and potential Weapons of Mass Destruction: Chemical, Biological, Radiological, Nuclear, Explosive (WMD CBRNE) scenario(s) for the jurisdiction.

The participant will determine the "needs" to respond to the potential WMD scenario(s) by identifying both the desired and current capabilities.

The participant will be able to describe how each aspect of the jurisdictional risk-assessment process integrates into the overall domestic preparedness strategy, goals and plans of the jurisdiction.



## WMD: Threat and Risk Assessment (Local Jurisdiction)

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### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Medical, Fire, Law Enforcement, Public Works
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Must have solid working knowledge of the community's EOP and terrorism annex. Recommended completion of Terrorism Awareness for Emergency Responders online course.

### *Course Details*

<b>Course Length:</b>	24 hours (three 8-hour days)
<b>Instruction Type:</b>	Other : Scenarios relevant to jurisdiction
<b>Course Location:</b>	Other : To be provided at a local training facility.
<b>Class Size:</b>	Min 32 Max 40
<b>Cost to Participant:</b>	Free to eligible jurisdictions, determined by ODP.
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	This course is primarily intended for planners/managers in the emergency services community. It is the responsibility of the jurisdiction to determine course participants. In order to attend a training class delivered by one of the ODP training partners, a request must be provided to the designated training point of contact.
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<b>POC Name:</b>	Centralized Scheduling and Information Desk
<b>POC Address:</b>	
<b>POC Phone Number:</b>	(800) 368-6498
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	askcsd@ojp.usdoj.gov
<b>POC Website:</b>	

### *Additional Comments*

**Comments:**

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***Department of Homeland  
Security, FEMA, Chemical  
Stockpile Emergency  
Preparedness Program***

## Agent Characteristics and Toxicity--First Aid and Special Treatment (ACTFAST)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile  
Emergency Preparedness Program

**Sponsor:** FEMA/ CSEPP

**Description:** A course designed to prepare emergency medical personnel to recognize and provide first responsible treatment to personnel exposed to nerve and blister agents. It can be presented in three ways: self-study, classroom with prior material review by trainees, or classroom with no prior material review. In addition, Chemical Stockpile Agent Characteristics and Effects is a video designed to accompany this course in a classroom setting. Does not address the nuclear or biological components.

**Objectives:** Describe initial first aid for nerve and blister agents.  
Describe the potential hazards of nerve and blister agents, and how they work.  
Identify the signs and symptoms of nerve and blister agent exposure.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations, Technician

**Pre-requisites:** None

### *Course Details*

**Course Length:** 8 hours

**Instruction Type:** Other :

**Course Location:** Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Please call or e-mail Point of Contact (POC).

## Agent Characteristics and Toxicity--First Aid and Special Treatment (ACTFAST)

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**POC Name:** Mr. Robert Norville  
**POC Address:** 500 C Street SW, Suite 629C Washington, DC 20472  
**POC Phone Number:** (202) 646-2734  
**POC Fax Number:**  
**POC Email Address:** Robert.Norville@dhs.gov  
**POC Website:**

### *Additional Comments*

**Comments:**

## Chemical Accident/Incident Response & Assistance

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile  
Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** The course emphasizes readiness at a possible chemical accident. Response and recovery phases are also discussed to a lesser degree. This course identifies the various functions performed after a chemical agent release and covers actions by public affairs, monitoring, decontamination, security, and logistics. Does not address the nuclear or biological components.

**Objectives:** Understand Army procedures in a chemical accident

### *Audience*

**Function/Area:** Emergency Operations, Fire, Incident Command, Law Enforcement,  
Elected Official

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 29 to 40 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

#### **Registration Information:**

**POC Name:** Jimmy Young

**POC Address:** U.S. Army Defense & Ammunition Center McAlester, OK

**POC Phone Number:** (918) 420-8961

**POC Fax Number:**

**POC Email Address:** jimmie.young@dac.army.mil

## Chemical Accident/Incident Response & Assistance

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POC Website:

*Additional Comments*

Comments:

## Chemical Emergency Information for Managers

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program
<b>Sponsor:</b>	FEMA/CSEPP
<b>Description:</b>	This course is designed to acquaint attendees with their responsibilities for PAD-making in the event of a chemical agent release. This course is centered around the Army's Emergency Management Information System (EMIS), which is the Army's authorized computer hazard prediction modeling program. This course stresses EMIS as a management tool. Students must have an understanding of chemical agents and munitions, and the effects of chemical agents. Does not address the nuclear or biological components.
<b>Objectives:</b>	To be able to use the EMIS to effectively use its output for protective action recommendations and protective action decisions.

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Incident Command, Safety
<b>Performance Level:</b>	Command, Technician
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	8-16 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Please call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Mr. Robert Norville
<b>POC Address:</b>	500 C Street SW, Suite 629C Washington, DC 20472

## Chemical Emergency Information for Managers

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**POC Phone Number:** (202) 646-2734

**POC Fax Number:**

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

***Additional Comments***

**Comments:**



## Chemical Hazard Prediction

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program
<b>Sponsor:</b>	FEMA/CSEPP
<b>Description:</b>	This course is designed to teach fundamentals of downwind hazard prediction using the Emergency Management Information System (EMIS). The student will receive instruction on the various types of chemical agents and munitions in the Army stockpile. Computer-based course requiring an IBM-compatible 386. Requires projector screen and computers for students. Does not address the nuclear or biological components.
<b>Objectives:</b>	Determine downwind distance hazards for agent release. Calculate agent cloud arrival/departure time. Analyze program results. Assure protective actions are meaningful in mitigating an emergency situation.

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement
<b>Performance Level:</b>	Awareness, Operations
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	36 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Please call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Mr. Robert Norville
<b>POC Address:</b>	500 C Street SW, Suite 629C Washington, DC 20472

## Chemical Hazard Prediction

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**POC Phone Number:** (202) 646-2734

**POC Fax Number:**

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

***Additional Comments***

**Comments:**

## CSEPP Chemical Awareness

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program
<b>Sponsor:</b>	FEMA/CSEPP
<b>Description:</b>	This course is designed to familiarize participant with the chemical stockpile and its components, the Chemical Stockpile Disposal Program, and the Chemical Stockpile Emergency Preparedness Program. Does not address the nuclear or biological components.
<b>Objectives:</b>	To describe the types of agents stored in each location. To describe major emergency planning steps for protecting people in the event of a chemical incident. To describe how to avoid contact with chemical agents.

### *Audience*

<b>Function/Area:</b>	Emergency Operations, Emergency Medical, Fire, Incident Command, Law Enforcement
<b>Performance Level:</b>	Awareness, Operations
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	6-8 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Please call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Mr. Robert Norville
<b>POC Address:</b>	500 C Street SW, Suite 629C Washington, DC 20472
<b>POC Phone Number:</b>	(202) 646-2734
<b>POC Fax Number:</b>	

## CSEPP Chemical Awareness

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**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

### ***Additional Comments***

**Comments:** Last two comments that were not present in the Description section due to limited space were: - To describe effects of weather and terrain on the movement of chemical agents. - To describe the symptoms of chemical agent exposure. Classroom type is Medium.

## CSEPP Exercise Evaluation Course

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program
<b>Sponsor:</b>	Chemical Stockpile Emergency Preparedness Program
<b>Description:</b>	The CSEPP Exercise Evaluation Course has been designed to train personnel in the use of the Integrated Performance Evaluation (IPE) Method.
<b>Objectives:</b>	Develop, maintain, and enhance a pool of qualified evaluators for CSEPP exercises. Develop evaluator skills. Help individuals understand the IPE exercise evaluation process and demonstrate key post-exercise evaluation tasks.

### *Audience*

<b>Function/Area:</b>	Administration / Finance, Communications / Dispatch, Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Hospital, Incident Command, Interdisciplinary, Law Enforcement, Elected Official, Logistics, Public Affairs / Information, Public Health, Public Works, Safety, Transportation
<b>Performance Level:</b>	Not Applicable
<b>Pre-requisites:</b>	General emergency management evaluation experience.

### *Course Details*

<b>Course Length:</b>	2.5 days
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Local/State Based Training (non-specified site)
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	No

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Through CSEPP Coordinator in FEMA Regional offices.
<b>POC Name:</b>	Robert Norville
<b>POC Address:</b>	DHS FEMA 500 C Street SW, Washington, DC 20472
<b>POC Phone Number:</b>	(202) 646-2734

## CSEPP Exercise Evaluation Course

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**POC Fax Number:** (202) 646-4321  
**POC Email Address:** Robert.Norville@dhs.gov  
**POC Website:** <http://emc.ornl.gov>

### ***Additional Comments***

**Comments:**

## Emergency Management Information System (EMIS)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile  
Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** The length of the course is dependent on the audience and levels of proficiency required by attendees. The course is structured to closely match the EMIS access levels of various Emergency Operations Center personnel. Each student will receive training based on his/her access privileges in EMIS and all lower levels. All students will receive an overview of the program. Proficiency in Microsoft Windows and the use of a mouse are required. Course location requires a projector screen and a Sun Server networked to 11 or more IBM compatible 80386 or better computers (1 for each student and 1 for instructor). Does not address the nuclear or biological components.

**Objectives:** Proficiency in the use of the Emergency Management Information System.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 8 to 32 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail the Point of Contact (POC).

## Emergency Management Information System (EMIS)

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**POC Name:** Jimmy Young  
**POC Address:** U.S. Army Defense & Ammunition Center McAlester OK  
**POC Phone Number:** (918) 420-8961  
**POC Fax Number:**  
**POC Email Address:** jimmie.young@dac.army.mil  
**POC Website:**

### *Additional Comments*

**Comments:**



# Emergency Planner's Companion

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile  
Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** This course is comprised of a suite of five CD-ROM titles designed to familiarize the planner with, and evaluate his/her competency in critical areas of the emergency planning process. These emergency planning areas are: areas of protective action; emergency response functions; requirements for alert and notification and communications systems; decontamination and emergency medical support; and, emergency worker operations. Course location requires 486/66 MHz, Windows 3.1x 16 MB RAM, CD-ROM Drive Speed 4x, 16-bit sound card with external speakers and sound blaster compatible. Does not address the nuclear or biological components.

**Objectives:** To familiarize planners with critical areas of emergency planning.  
To evaluate competency of planners to identify critical areas of the emergency planning process.

## *Audience*

**Function/Area:** Emergency Management, Elected Official, Public Affairs / Information

**Performance Level:** Awareness

**Pre-requisites:** None

## *Course Details*

**Course Length:** Self-paced

**Instruction Type:** Other : Computer-based training.

**Course Location:** Other : Self-paced

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Mr. Robert Norville

**POC Address:** 500 C Street SW, Suite 629C Washington, DC 20472

## Emergency Planner's Companion

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**POC Phone Number:** (202) 646-2734

**POC Fax Number:**

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

***Additional Comments***

**Comments:**

## Management of Chemical Warfare Injuries

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** Initially designed for military use, this course is designed to aid all medical personnel in the treatment of chemical agent casualties. Does not address the nuclear or biological components.

**Objectives:** To describe technical information for nerve, blister, lung, cyanide, and riot control agents.  
To diagnose and treat chemical agent casualties.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials

**Performance Level:** Operations, Technician

**Pre-requisites:**

### *Course Details*

**Course Length:** Self-paced

**Instruction Type:** Other :

**Course Location:**

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Mr. Robert Norville

**POC Address:** 500 C Street SW, Suite 629C Washington, DC 20472

**POC Phone Number:** (202) 646-2734

**POC Fax Number:**

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

### *Additional Comments*

## Management of Chemical Warfare Injuries

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Comments:

## National CSEPP Medical Curriculum

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program

**Sponsor:** Chemical Stockpile Emergency Preparedness Program

**Description:** This computer-based course is designed to present an all-hazards approach for medical responders in Chemical Stockpile Emergency Preparedness Program (CSEPP) communities. It encompasses chemical, biological and radiological signs/symptoms and treatment, special considerations, decontamination, fatality management, and animal decontamination. These aspects are important to CSEPP communities not only for the response, but also for planning issues. Although aimed primarily at medical providers, it may also be useful for emergency managers, planners, and administration.

**Objectives:**

- Describe the various types of Biologic Warfare (BW) agents, the signs and symptoms of exposure, and the proper management of exposed patients.
- Identify biological agents and how to protect against this spread by using appropriate Personal Protective Equipment (PPE).
- Describe the types of chemical agents.
- Recognize signs and symptoms of exposure.
- Describe how to manage, decontaminate, and treat the victims of a chemical incident.
- Describe how to protect against the threat of cross-contamination by verifying the adequacy of patient decontamination.
- Understand the principles of when and how to decontaminate and manage contaminated casualties and fatalities.
- Understand the risks of vapor exposure and secondary contamination, and how to limit such exposures.
- Recognize the various types of radiological hazards and understand the acute health effects from radiation contamination and exposure.
- Know the principles of self-protection, patient rescue, triage, and transportation of radiation casualties.
- Cite the unique principles of triage, decontamination, bomb blasts, and crush injuries in hazardous material incidents.

## National CSEPP Medical Curriculum

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### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Hospital, Law Enforcement, Public Health

**Performance Level:** Not Applicable

**Pre-requisites:** CSEPP ACT FAST, Chemical Awareness, Response Decon, PPE.

### *Course Details*

**Course Length:** 8-16 hours

**Instruction Type:** Classroom

**Course Location:** Other : Course may be delivered at the CDP, EMI, Noble Training Center, or in the community.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:** No

### *Eligibility and Enrollment*

**Registration Information:** Please call Point of Contact (POC).

**POC Name:** Robert Norville

**POC Address:** DHS FEMA 500 C Street SW, Washington, DC 20472

**POC Phone Number:** (202) 646-2734

**POC Fax Number:** (202) 646-4321

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:** <http://emc.ornl.gov>

### *Additional Comments*

**Comments:**

# Personal Protective Equipment

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile  
Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** This course provides students with information about the role of personal protective equipment (PPE) in the CSEPP emergency response. Students are also briefed on the different types of PPE; how to use and maintain PPE; and, factors that affect work rules, policies and procedures relating to use of PPE. Certification at medical competency, and agreement to remain clean-shaven for the duration of the course required. Does not address the nuclear or biological components.

**Objectives:**

- To learn personal protection by donning PPE.
- To learn proper removal of PPE without contaminating oneself.
- To recognize the limitations of PPE.
- To learn when and how to use chemical detector kits.
- To learn CSEPP, state, and local work rules, policies, and procedures.

## *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous  
Materials, Law Enforcement

**Performance Level:** Operations

**Pre-requisites:** Certification at medical competency, and agreement to remain  
clean-shaven for the duration of the course required.

## *Course Details*

**Course Length:** 8 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery locations for classroom courses are limited to  
communities within the CSEPP program for both Army and Civilian  
courses.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## *Eligibility and Enrollment*

## Personal Protective Equipment

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**Registration Information:** Please contact Point of Contact (POC).  
**POC Name:** Mr. Robert Norville  
**POC Address:** 500 C Street SW, Suite 629C Washington, DC 20472  
**POC Phone Number:** (202) 646-2734  
**POC Fax Number:**  
**POC Email Address:** Robert.Norville@dhs.gov  
**POC Website:**

### *Additional Comments*

**Comments:**



## Re-ACT FAST II Video/DVD (Refresher of Agent Characteristics and Toxicology First Aid and Special Treatment)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** This video/DVD was designed for the Chemical Stockpile Emergency Preparedness Program (CSEPP) as a refresher course to prepare emergency workers to recognize and provide initial treatment to persons exposed to nerve (VX and GB) and blister (vesicant) (H, HD, and HT) agents. The target audience are those qualified to perform emergency treatment, such as emergency medical technicians, paramedics, ambulance operators, nurses, and others who may provide assistance to persons exposed to nerve and blister agents. The video describes signs and symptoms of nerve and blister agent exposure, appropriate decontamination procedures, and the pre-hospital treatment for nerve agent poisoning using appropriate doses of atropine and 2-PAM Chloride. Certification of medical competency required. Does not address the nuclear or biological components. Length: Video is 50 minutes. DVD is self-paced.

**Objectives:**

- To learn the properties of nerve and blister chemical agents in aging stockpile.
- To learn the signs and symptoms of blister agents and the appropriate response treatment since there is not an antidote.
- To learn the CSEPP-approved decontamination procedures.
- To learn the procedure for putting on and removing CSEPP-approved personal protective equipment (PPE) for emergency workers.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Hospital, Law Enforcement

**Performance Level:** Operations, Technician

**Pre-requisites:** Certification of medical competency required.

### *Course Details*

**Course Length:** Video is 50 minutes. DVD is self-paced.

**Instruction Type:** Other : Video/DVD

## **Re-ACT FAST II Video/DVD (Refresher of Agent Characteristics and Toxicology First Aid and Special Treatment)**

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**Course Location:** Other : Delivery Location: State/Country

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### ***Eligibility and Enrollment***

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Mr. Robert Norville

**POC Address:** 500 C Street SW, Suite 629C Washington, DC 20472

**POC Phone Number:** (202) 646-2734

**POC Fax Number:**

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

## Residential Shelter-in-Place Video/DVD (with Student Guide)

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program
<b>Sponsor:</b>	Chemical Stockpile Emergency Preparedness Program
<b>Description:</b>	This program describes shelter-in-place techniques for residential structures in CSEPP and other communities.
<b>Objectives:</b>	Describes how officials will notify residents to shelter-in-place. Describes why and how sheltering protects people from chemical vapor, and the measures residents can take to protect themselves from a chemical agent.

### *Audience*

<b>Function/Area:</b>	Administration / Finance, Communications / Dispatch, Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Hospital, Incident Command, Interdisciplinary, Law Enforcement, Elected Official, Logistics, Public Affairs / Information, Public Health, Public Works, Safety, Transportation
<b>Performance Level:</b>	Not Applicable
<b>Pre-requisites:</b>	General emergency management evaluation experience.

### *Course Details*

<b>Course Length:</b>	15 minutes
<b>Instruction Type:</b>	Other : Self-paced video with student guide.
<b>Course Location:</b>	In the Community
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	No

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Through CSEPP Coordinator in FEMA Regional offices.
<b>POC Name:</b>	Robert Norville
<b>POC Address:</b>	DHS FEMA 500 C Street SW, Washington, DC 20472
<b>POC Phone Number:</b>	(202) 646-2734
<b>POC Fax Number:</b>	(202) 646-4321
<b>POC Email Address:</b>	Robert.Norville@dhs.gov

## Residential Shelter-in-Place Video/DVD (with Student Guide)

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**POC Website:** <http://emc.ornl.gov>

***Additional Comments***

**Comments:**

## Response Phase Decontamination for CSEPP

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile  
Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** This course is designed to prepare personnel to perform Response Phase Decontamination for the Chemical Stockpile Emergency Preparedness Program. Does not address the nuclear or biological components.

**Objectives:** Lifesaving and minimization of personnel injury.  
Preventing contamination spread.

### *Audience*

**Function/Area:** Emergency Management, Fire, Hazardous Materials

**Performance Level:** Operations

**Pre-requisites:** None

### *Course Details*

**Course Length:** 8 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Mr. Robert Norville

**POC Address:** 500 C Street SW, Suite 629C Washington, DC 20472

**POC Phone Number:** (202) 646-2734

**POC Fax Number:**

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

## Response Phase Decontamination for CSEPP

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### *Additional Comments*

**Comments:**

## Technical Planning and Evaluation

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Chemical Stockpile  
Emergency Preparedness Program

**Sponsor:** FEMA/CSEPP

**Description:** To identify the physical and chemical properties of chemical agents that are important to the protective action decision-making process and development of protective action strategies. 2. To identify the potential human health effects of chemical agents that are important to the decision-making process and development of protective action strategies. 3. To define and illustrate the concepts of exposure, dose, and risk and how they relate to the protective action decision-making process.

**Objectives:** To identify the physical and chemical properties of chemical agents that are important to the protective action decision-making process and development of protective action strategies.  
To identify the potential human health effects of chemical agents that are important to the decision-making process and development of protective action strategies.  
To define and illustrate the concepts of exposure, dose, and risk and how they relate to the protective action decision-making process.  
To describe the specific planning tools developed within the CSEPP for protective action planning.  
To define evacuation and sheltering as protective actions for CSEPP.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous  
Materials, Law Enforcement

**Performance Level:** Operations

**Pre-requisites:**

### *Course Details*

**Course Length:**

**Instruction Type:** Classroom

**Course Location:** Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian

## Technical Planning and Evaluation

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**Class Size:** courses.  
Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Robert Norville

**POC Address:** 500 C Street SW, Suite 629C

**POC Phone Number:** (202) 646-2734

**POC Fax Number:**

**POC Email Address:** Robert.Norville@dhs.gov

**POC Website:**

### *Additional Comments*

**Comments:**



## Use of Auto-Injectors by Civilian Emergency Medical Personnel

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Chemical Stockpile Emergency Preparedness Program
<b>Sponsor:</b>	FEMA/CSEPP
<b>Description:</b>	This course is designed to prepare participants to identify antidotes to be administered in the event of nerve agent exposure; identify the conditions under which antidote auto-injectors should be used; demonstrate the use of the antidote auto-injector; and, recognize adverse reactions to the use of the antidotes. Certification of medical competency required. Does not address the nuclear or biological components.
<b>Objectives:</b>	To learn proper methods for safely administering nerve agent antidotes by way of an auto-injector.

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement
<b>Performance Level:</b>	Awareness, Operations
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	3 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Delivery locations for classroom courses are limited to communities within the CSEPP program for both Army and Civilian courses.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Mr. Robert Norville
<b>POC Address:</b>	500 C Street SW, Suite 629C Washington, DC 20472
<b>POC Phone Number:</b>	(202) 646-2734

## Use of Auto-Injectors by Civilian Emergency Medical Personnel

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POC Fax Number:

POC Email Address: Robert.Norville@dhs.gov

POC Website:

*Additional Comments*

Comments:

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***Department of Homeland  
Security, FEMA, Emergency  
Management Institute***

## Advanced Incident Command System (ICS)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This 3 1/2-day course is designed for a multi-discipline audience comprised of individuals who would likely serve as Incident Commanders in an ICS structure. Topics include command and general staff, unified command, major incident management, area command, and multi-agency coordination.

**Objectives:** Select and develop a command structure that is appropriate for a major incident.  
Identify factors that may require expanding the command structure and select an appropriate method for expansion.  
Identify potential issues regarding coordination and communication with higher- and lower-level command structures, and develop strategies for preventing and/or resolving the issues.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 3.5 days

**Instruction Type:** Classroom

**Course Location:** Other : Delivery Locations: State and local training systems through State Training Office.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Ronald Freeman

**POC Address:** Emergency Management Institute, 16825 Seton Ave. Emmitsburg, MD

## Advanced Incident Command System (ICS)

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21727

**POC Phone Number:** (301) 447-1082

**POC Fax Number:**

**POC Email Address:** Ronald.Freeman@dhs.gov

**POC Website:** <http://www.training.fema.gov>

### ***Additional Comments***

**Comments:**

## Advanced Radiation Incident Operations (ARIO)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** The Advanced Radiation Incident Operations (ARIO) course is a performance-based course that builds on the knowledge, skills, and abilities of the Radiological Emergency Response Operations Course. Skills learned in the ARIO course will enable participants to better manage and plan for radiological operations. Students will also learn to use specialized instruments that might be available to a responder. Focus of course is on terrorism.

**Objectives:**

- To integrate the radiological response team with multi-agency response structure.
- To manage information (interpret, prioritize, disseminate) from multiple sources.
- To analyze hazards by sampling and monitoring, and assess health and safety risks to develop operational goals.
- To prioritize and implement operational goals in accordance with the radiological field response plan and applicable Federal regulations and guidelines.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:** NBC areas of competency: 1-26

### *Course Details*

**Course Length:** 4.5 days

**Instruction Type:** Classroom

**Course Location:** Other : Mount Weather Conference and Training Center

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## Advanced Radiation Incident Operations (ARIO)

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### *Eligibility and Enrollment*

#### **Registration Information:**

**POC Name:** Mr. Jose Cortes  
**POC Address:** Mount Weather Conference Center, 19844 Blue Ridge Mountain Road  
Bluemont, VA 20135  
**POC Phone Number:** (540) 542-2103  
**POC Fax Number:**  
**POC Email Address:** Jose.Cortes@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

#### *Additional Comments*

**Comments:**

# An Orientation to Hazardous Materials for Medical Personnel

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** Provides the participants with the terms and concepts related to hazardous materials and radiation. It also covers the basic principles regarding hospital personnel's response to hazardous materials and radiation incidents.

**Objectives:**

- To describe the medical center or hospital's involvement in hazardous material events (including radiological) and response efforts.
- To explain the importance of compliance with Federal, State, local, and Tribal regulations and standards.
- To describe the DOT's hazardous material classes and identify the sources of potential hazards in the home, workplace, and community.
- To describe the possible mechanisms of harm for hazard material classes.
- To describe regulatory requirements regarding medical facilities' and hospitals's emergency/disaster response plans.
- To discuss the staffing resources required to develop a plan.
- To explain the preparation procedures to receive patients and describe the roles and responsibilities of key team members for an emergency response team.
- To identify sources of information on hazardous materials.
- To identify sources of radiation and data on frequency of radiation accidents.
- To describe types of radiation injuries and provide an overview of radiation physics.
- To describe the type of instruments used to measure radiation.
- To define basic radiation protection principles and exposure limits.
- To describe biological effects of ionizing radiation in order to provide proper clinical analysis for radiation injuries.

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Hospital, Incident Command, Law



## An Orientation to Hazardous Materials for Medical Personnel

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**Performance Level:** Enforcement  
Awareness, Operations  
**Pre-requisites:** none

### *Course Details*

**Course Length:** Self-paced or, if in classroom, 6-8 hours.  
**Instruction Type:** Independent Study  
**Course Location:** Other : Independent Study  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Bernice W. Zaidel  
**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727  
**POC Phone Number:** (301) 447-1360  
**POC Fax Number:**  
**POC Email Address:** Bernice.Zaidel@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Basic Crisis Counseling Grant Program Course

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course is developed and delivered in partnership with DHHS, SAMSHA, Center for Mental Health Services, ESDRB. This course is intended to prepare the State departments of mental health to respond to a Presidentially declared disaster. The main focus of this course is the completion of the grant application for funding. The course provides training on disaster mental health concepts and organizational aspects of disasters and promotes pre-disaster planning that will expedite the grant application process. Enrollment is limited to one person per State. This course does not provide instruction on crisis counseling or stress management techniques.

**Objectives:**

- Describe the Crisis Counseling Program and its purpose.
- Describe the impact of disaster-related trauma on individuals and communities.
- Describe the mental health response necessary to implement a Crisis Counseling Program.
- Outline an Immediate Services Crisis Counseling grant application.
- Design an Immediate Services Program.
- Identify the Individual Assistance programs administered through FEMA and other Federal agencies.
- Identify how to access other types of non-FEMA individual assistance.
- Develop individual strategies in preparation for responding to pre-incident through post-incident activities and needs.
- Describe the basics of the RSP application process activities.
- Identify the required reporting procedures, formats, expectations, and how reports are used by CMHS and FEMA.
- Utilize strategies for accessing disaster recovery resources through the Internet.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

## Basic Crisis Counseling Grant Program Course

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**Performance Level:** Awareness, Operations

**Pre-requisites:** None.

### *Course Details*

**Course Length:** 4 days

**Instruction Type:** Classroom

**Course Location:** Emergency Management Institute

**Class Size:** Min Max

**Cost to Participant:** Training is free. Students must pay for meals.

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Jennifer Ogle

**POC Address:** Emergency Management Institute 16825 S. Seton Ave., Emmitsburg,  
MD 21727

**POC Phone Number:** (301) 447-1585

**POC Fax Number:**

**POC Email Address:** Jennifer.Ogle@dhs.gov

**POC Website:**

### *Additional Comments*

**Comments:** This is an invitation-only course. You must be an employee of the State department of mental health responsible for overseeing a Crisis Counseling Program grant w/ little or no experience or a FEMA Regional DAE or PFT who works with the Crisis Counseling Program.

## Basic Incident Command

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This Independent Study course is designed to provide a general introduction to the Incident Command System. It is a multi-discipline course with various incident scenarios and activities. Optional classroom delivery possible.

**Objectives:** At the conclusion of the course, participants will be able to: Identify the five ICS functions and list main responsibilities of each. (scroll down for the rest.)

Identify where their respective agencies fit into the ICS structure.

Define key ICS terms.

Describe how the ICS structure expands or contracts to meet the needs of an incident.

Name the primary incident facilities and describe how each is used and managed.

List the three kinds and types of resources that are encountered at incidents and describe how and why resources are managed.

List the steps that you should take to prepare for, participate in, and demobilize from an incident.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** Self-paced

**Instruction Type:** Independent Study

**Course Location:** Other :

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## Basic Incident Command

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### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Ronald Freeman  
**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727  
**POC Phone Number:** (301) 447-1082  
**POC Fax Number:**  
**POC Email Address:** Ronald.Freeman@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Community Emergency Response Team (CERT) Train the Trainer (TTT)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** A local government jurisdiction or response agency interested in sponsoring the CERT program can send the program manager and up to three instructors to the TTT. Instructors should have a working knowledge of response skills used in the course and experienced in teaching adults. The course reviews the course material, instructional techniques and administrative consideration for the CERT program. The CERT program, which is a part of Citizen Corps, educates the community members about natural hazards and potential terrorism events that could strike them. Participants are trained to use basic response skills that they can apply after a natural disaster when professional response resources are overwhelmed or delayed. Modules include Disaster Preparedness; Fire Suppression; Disaster Medical Operations Part I and II, Light Search and Rescue; Disaster Psychology; Team Organization; and Disaster Simulation. An orientation module on terrorism and Weapons of Mass Destruction is being added. CERT members are encouraged to train and exercise as teams within their neighborhood or workplace.

**Objectives:** Prepare program manager and instructors to conduct CERT training.  
Demonstrate instructional techniques.

Identify administrative and maintenance issues involved with the CERT program.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement, Public Affairs / Information, Public Health, Safety, Transportation

**Performance Level:** Awareness, Operations

**Pre-requisites:** Commitment to start a Community Emergency Response Team.

### *Course Details*

**Course Length:** 20 hours

## Community Emergency Response Team (CERT) Train the Trainer (TTT)

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**Instruction Type:** Classroom  
**Course Location:** Other : Delivery location: Emergency Management Institute, State and local training systems through State Training Office.  
**Class Size:** Min Max  
**Cost to Participant:** Determined by sponsoring community (no cost at EMI)  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Sam Isenberger  
**POC Address:** Emergency Management Institute, 16825 South Seton Ave. Emmitsburg, Maryland 21737  
**POC Phone Number:** (301) 447-1071  
**POC Fax Number:** (301) 447-1598  
**POC Email Address:** Sam.Isenberger@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Community Emergency Response Team (CERT) Training

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** The CERT program, which is part of Citizen Corps, educates the community members about natural hazards and potential terrorism events that could strike them. Community members are considered to be part of the response capability for their neighborhood or workplace. They participate in 17.5 hours of basic training and continue their involvement by attending supplemental training, participating in exercises, and volunteering for emergency management projects to better prepare their community for hazards. Participants learn basic response skills that they can apply after a natural disaster when professional response resources are overwhelmed or delayed. Modules include Disaster Preparedness; Fire Suppression; Disaster Medical Operations Part I and II, Light Search and Rescue; Disaster Psychology; Team Organization; and Disaster Simulation. An orientation module on terrorism and weapons of mass destruction is being added. CERT members are encouraged to train and exercise as teams within their neighborhood or workplace.

**Objectives:** Educate community members about natural/man-made hazards including terrorism that may strike their community.  
Organize neighborhood and workplace response teams to respond to immediate needs following an event when professional response resources are delayed or overwhelmed.  
Train teams in basic response and decision-making skills that can be used to protect themselves and to help others.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Incident Command, Law Enforcement, Elected Official, Public Affairs / Information, Public Health, Public Works

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*



## Community Emergency Response Team (CERT) Training

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**Course Length:** 20 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : Delivery location: State and local training systems through State Training Office.  
**Class Size:** Min Max  
**Cost to Participant:** Determined by the sponsoring community  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Sam Isenberger  
**POC Address:** Emergency Management Institute, 16825 South Seton Ave. Emmitsburg, Maryland 21737  
**POC Phone Number:** (301) 447-1071  
**POC Fax Number:**  
**POC Email Address:** Sam.Isenberger@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Emergency Response to Criminal/Terrorist Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course increases the local emergency responder's ability to preserve evidence while performing rescue and fire suppression activities. It encourages students to foster a cooperative working relationship while working together in response to criminal incidents. It prepares local emergency responders for incidents when Federal responders are involved. This course is designed to be delivered to the responders in a community/jurisdiction. It will work best when delivered in that environment. If multiple jurisdictions are represented in the course, they should be grouped by jurisdiction.

**Objectives:**

- Recognize when incident sites may also be crime sites.
- Describe types and identify potential targets of criminal activity.
- Recognize potential hazards at crime scenes.
- Perform safe operations at criminal incident sites including rescuing and treating victims and preserving property.
- Stabilize the crime scene and maximize evidence preservation.
- List appropriate actions and actions to avoid at a criminal incident site.
- Describe the needs, roles, and responsibilities of law enforcement and non-law enforcement responders at a criminal incident site.
- Explain when and why Federal agencies get involved and how to interact with them.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations, Technician

**Pre-requisites:**

### *Course Details*

**Course Length:** 6 hours

**Instruction Type:** Classroom

**Course Location:** Other : State and local training systems through State Training Office.

## Emergency Response to Criminal/Terrorist Incidents

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**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Tom Marlowe

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727

**POC Phone Number:** (301) 447-1060

**POC Fax Number:**

**POC Email Address:** Tom.Marlowe@dhs.gov

**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Exercise Design Course

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course is part of a broader training approach designed to provide performance-based education to emergency management personnel. This course addresses the design and conduct of emergency exercise within the context of a community exercise program. Emphasis is on design of a functional exercise which will lead to the capability of a jurisdiction to conduct a full-scale exercise.

**Objectives:**

- To emphasize the importance of exercise design.
- To learn how to design a progressive exercise program for a community.
- To learn how to conduct a tabletop exercise in their community.
- To understand physical requirements and roles for a functional exercise.
- To design an exercise evaluation form and evaluation methodology.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Hazardous Materials, Hospital, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery location: State and local training systems through State Training Office.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:**

**POC Name:** Lowell Ezersky

**POC Address:** Emergency Management Institute, 16825 S. Seton Ave. Emmitsburg,

## Exercise Design Course

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Maryland 21727  
**POC Phone Number:** (301) 447-1355  
**POC Fax Number:**  
**POC Email Address:** Lowell.Ezersky@dhs.gov  
**POC Website:** <http://training.fema.gov>

### *Additional Comments*

**Comments:**

## Exercise Evaluation Course

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course provides a basis for the evaluation of multi-hazard, multiple-jurisdiction exercises in which State and local governments participate. The focus is on the evaluation process, which serves the needs of emergency management personnel who are responsible for exercise evaluation functions.

**Objectives:**

- To describe the need for a systematic approach to exercise evaluation.
- To list key steps in identifying and organizing an effective exercise evaluation team.
- To summarize components of exercise evaluation package and process for evaluator team orientation and training.
- To describe and/or demonstrate skills required during the evaluation of an exercise.
- To describe and/or demonstrate key post-exercise evaluation activities.
- To identify the key tasks in each of the three phases of the exercise evaluation process.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Fire, Law Enforcement, Public Affairs / Information

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 2 days

**Instruction Type:** Classroom

**Course Location:** Other : State and local training systems through State Training Office.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

## Exercise Evaluation Course

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### Registration Information:

**POC Name:** Lowell Ezersky  
**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727  
**POC Phone Number:** (301) 447-1355  
**POC Fax Number:**  
**POC Email Address:** Lowell.Ezersky@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Fundamentals Course for Radiological Response

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course is designed to qualify participants as radiological response team members by providing them with the knowledge and skills needed to support planning, emergency, and recovery activities in the event of a radiological incident. Does not address chemical or biological components.

**Objectives:**

- Explain the characteristics of ionizing radiation.
- Specify the factors that will affect biological response to radiation and describe the risk in various types of radiation incidents.
- Use, care for, and accurately read radiation detection instruments.
- Use the table "Response of Radiation Monitoring Instruments to Normalized Risk Quantities of Radionuclides" to use radiological instruments for assessment of hypothetical radiation incidents.
- Identify warning signs, labels, and placards that indicate the possible presence of radioactive materials.
- Identify and report radiation exposure rates and exposure (dose).
- Define the roles and responsibilities of responders to radiological incidents within the Incident Command System.
- Locate radioactive materials in order to prevent the spread of contamination.
- Given descriptions of the radiation hazards, develop strategies for exposure control, contamination control, and decontamination actions in hypothetical radiation incidents.
- Evaluate team effectiveness during practical radiological response exercises.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Hospital, Public Works

**Performance Level:** Awareness, Operations, Technician

**Pre-requisites:** Applicants must have previously completed the Federal Emergency Management Agency's Independent Study Course, Radiological



## Fundamentals Course for Radiological Response

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Emergency Management (IS-3) or an equivalent Awareness level competency as listed in the Radiological Training Strategy.

### *Course Details*

**Course Length:** 3.5 days  
**Instruction Type:** Classroom  
**Course Location:** Other : Delivery Location: State and local training systems through State Training Office.  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Bernice W. Zaidel  
**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727  
**POC Phone Number:** (301) 447-1360  
**POC Fax Number:**  
**POC Email Address:** Bernice.Zaidel@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

# Hospital Emergency Department Management of Radiation and Other Hazardous Materials, Part 1

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** To provide participants with the knowledge and skills to apply necessary medical and/or contaminated with radioactive material. The course also provides an opportunity to apply skills to ready an emergency department area and personnel to receive radiation accident victims.

**Objectives:**

- To distinguish among the types of radiation injuries.
- To describe the health effects associated with radiation exposure.
- To discuss the characteristics and limitation of various radiation detection instruments.
- Use, care for, and accurately read radiation detection instruments.
- Locate the presence of radioactive materials in order to prevent the spread of contamination.
- Prepare the emergency department area and staff for patient reception.
- Assess, treat, and care for a patient who is contaminated with radioactive materials.
- Follow the necessary procedures to decontaminate the facility, all equipment, and personnel.

## *Audience*

**Function/Area:** Communications / Dispatch, Emergency Management, Emergency Operations, Emergency Medical, Hospital

**Performance Level:** Awareness, Operations, Technician

**Pre-requisites:** Participants are required to complete the Independent Study course An Orientation to Hazardous Materials for Medical Personnel prior to enrolling in the course.

## *Course Details*

**Course Length:** 6-8 hours

**Instruction Type:** Classroom

**Course Location:** Other : State and local training systems through State Training Office in conjunction with medical facility. Instruction Type: Medium

**Class Size:** Min Max 25

## Hospital Emergency Department Management of Radiation and Other Hazardous Materials, Part 1

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**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Bernice W. Zaidel

**POC Address:** Emergency Management Institute, 16825 S, Seton Avenue Emmitsburg,  
MD 21727

**POC Phone Number:** (301) 447-1360

**POC Fax Number:**

**POC Email Address:** Bernice.Zaidel@dhs.gov

**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

# Incident Command System for Law Enforcement Agencies

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course is designed to identify elements of the Incident Command System(ICS), as well as the responsibilities of the Incident Commander.

**Objectives:**

- To define the Incident Command System (ICS).
- To learn how to identify and take appropriate actions during the stabilization phase of an incident.
- To learn how to establish a command post and staging area.
- To describe and apply Division and Group command structure elements.
- To describe the purpose and responsibilities of Operations, Planning, Logistics, and Finance/Administration functions within the ICS.

## *Audience*

**Function/Area:** Emergency Medical, Fire, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

## *Course Details*

**Course Length:** 13 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery Location: State and local training systems through State Training Office.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Ronald Freeman

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1082

**POC Fax Number:**

## Incident Command System for Law Enforcement Agencies

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**POC Email Address:** Ronald.Freeman@dhs.gov

**POC Website:** <http://www.training.fema.gov>

***Additional Comments***

**Comments:**

## Incident Command System for Public Works

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course identifies elements of the Incident Command System (ICS), as well as the responsibilities of the Incident Commander.

**Objectives:**

- To define the Incident Command System (ICS).
- To learn to identify and take appropriate actions during the stabilization phase of an incident.
- To learn how to establish a command post and staging area.
- To describe and apply Division and Group command Structure elements in the ICS.
- To describe the purpose and responsibilities of Operations, Planning, Logistics, and Finance/Administration functions within the ICS.

### *Audience*

**Function/Area:** Public Works

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 14 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery location: State and local training systems through State Training Office.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Ronald Freeman

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1082

## Incident Command System for Public Works

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**POC Fax Number:**

**POC Email Address:** Ronald.Freeman@dhs.gov

**POC Website:** <http://www.training.fema.gov>

***Additional Comments***

**Comments:**

## Incident Command System/Emergency Operations Center (ICS/EOC) Interface

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Emergency Management Institute
<b>Sponsor:</b>	FEMA/Emergency Management Institute
<b>Description:</b>	The course is designed to enable participants to develop ICS/EOC interface implementation strategies or action plans for their communities. The course reviews the ICS and EOC models of emergency management operations, including coordination, communications, and chief executive decision-making. It enhances knowledge and skills needed for clarifying roles, responsibilities, and relationships prior to a disaster through small group and large group exercises.
<b>Objectives:</b>	To describe the principles of the Incident Command System (ICS), including its purpose, key roles, and responsibilities. To describe the principles of the Emergency Operations Center (EOC). Using scenarios, analyze the ICS and EOC systems and list various interface issues. Apply ICS/EOC interface concepts in an exercise situation. Develop an ICS/EOC interface action plan for his or her community.

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Law Enforcement
<b>Performance Level:</b>	Awareness, Operations, Technician
<b>Pre-requisites:</b>	

### *Course Details*

<b>Course Length:</b>	12 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Delivery location: State and local training systems through State Training Office.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*



## Incident Command System/Emergency Operations Center (ICS/EOC) Interface

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**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Ronald Freeman  
**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727  
**POC Phone Number:** (301) 447-1082  
**POC Fax Number:**  
**POC Email Address:** Ronald.Freeman@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Integrated Emergency Management Course: Homeland Security

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This exercise-based course focuses primarily on how local, State, and Federal agencies coordinate their response and recovery efforts during an act of terrorism. The course stresses the importance of the coordination, communications, and cooperation of all political and response-oriented entities, including State and Federal agencies.

**Objectives:** To describe the Integrated Emergency Management System (IEMS).  
To describe the consequences of a terrorist act.

### *Audience*

**Function/Area:** Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement

**Performance Level:** Awareness, Operations, Technician

**Pre-requisites:**

### *Course Details*

**Course Length:** 40 hours

**Instruction Type:** Classroom

**Course Location:** Other :

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Phillip Moore

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1248

**POC Fax Number:**

**POC Email Address:** Phillip.Moore@dhs.gov

**POC Website:** <http://www.training.fema.gov>

## **Integrated Emergency Management Course: Homeland Security**

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### ***Additional Comments***

**Comments:**

## Intermediate Incident Command System (ICS)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This 3-day course is designed for a multi-discipline audience comprised of individuals who would likely serve as supervisors in an ICS structure. Topics include organization and staffing, incident and event planning/staffing, organizing a response to an incident or planned event, and incident resource management.

**Objectives:**

- Develop an initial organizational structure.
- List minimum staffing requirements.
- Prepare an incident briefing.
- Participate in a planning meeting.
- Develop incident objectives and an incident action plan.
- Identify appropriate use of resources.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 3 days

**Instruction Type:** Classroom

**Course Location:** Other : Delivery location: State and local training systems through State Training Office.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Ronald Freeman

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,

## Intermediate Incident Command System (ICS)

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MD 21727

**POC Phone Number:** (301) 447-1082

**POC Fax Number:**

**POC Email Address:** Ronald.Freeman@dhs.gov

**POC Website:** <http://www.training.fema.gov>

### ***Additional Comments***

**Comments:**

## Mass Fatalities Incident Course

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Emergency Management Institute
<b>Sponsor:</b>	FEMA/Emergency Management Institute
<b>Description:</b>	This course prepares State and local personnel and other responsible agencies and professionals to handle mass fatalities effectively and to work with the survivors in an emergency or disaster.
<b>Objectives:</b>	To prepare response personnel and other responsible professionals to manage a mass fatalities incident effectively by properly caring for the dead and the living.

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Incident Command, Law Enforcement
<b>Performance Level:</b>	Awareness, Command, Operations
<b>Pre-requisites:</b>	

### *Course Details*

<b>Course Length:</b>	16.5 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : State and local training systems through State Training Office.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC),
<b>POC Name:</b>	Tom Marlowe
<b>POC Address:</b>	Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727
<b>POC Phone Number:</b>	(301) 447-1060
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	Tom.Marlowe@dhs.gov
<b>POC Website:</b>	<a href="http://www.training.fema.gov">http://www.training.fema.gov</a>

## Mass Fatalities Incident Course

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### *Additional Comments*

Comments:

# Radiological Emergency Management

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/Emergency Management Institute

**Description:** This course is designed to familiarize the public with what radiation is, what types of events can cause a radiological emergency, what harmful effects can result from an event, and what one can do to prepare him/herself and others to cope with a radiological emergency regardless of origin.

**Objectives:** To identify types of radiological emergencies.  
To describe potential effects of radiation on the public.  
To prepare the safety of oneself and others during and following a radiological emergency.

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical

**Performance Level:** Awareness, Operations

**Pre-requisites:** None.

## *Course Details*

**Course Length:** Self-paced

**Instruction Type:** Independent Study

**Course Location:** Emergency Management Institute

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Bernice W. Zaidel

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1360

**POC Fax Number:**

**POC Email Address:** Bernice.Zaidel@dhs.gov



## Radiological Emergency Management

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**POC Website:** <http://www.training.fema.gov>

***Additional Comments***

**Comments:**

## Radiological Emergency Response

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/ Emergency Management Institute

**Description:** Provides a learning experience in which participants demonstrate comprehensive understanding of radiological protection and response principles, guidelines, and regulations through a cycle of text, stimulus, response, and reinforcement.

**Objectives:** To convert between tradition and SI units of radiation and radiation exposure, and standard scientific notation.  
To apply basic concepts of nuclear and health physics appropriate to needs of radiological response personnel.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** Self-paced

**Instruction Type:** Independent Study

**Course Location:**

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Bernice W. Zaidel

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1360

**POC Fax Number:**

**POC Email Address:** Bernice.Zaidel@dhs.gov

## Radiological Emergency Response

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**POC Website:**

***Additional Comments***

**Comments:**

## Radiological Emergency Response Operations (RERO)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/ Emergency Management Institute

**Description:** RERO provides students with a practical performance-oriented, team approach to radiological cleanup. Does not address chemical or biological components.

**Objectives:** At the conclusion of the course, participants will be able to respond as a radiological team member to a variety of radiological accidents in five operational phases.

To apply basic concepts of nuclear and health physics appropriate to needs of radiological response personnel.

To select appropriate external dosimetry for radiological response operations and identify limitations of dosimetry devices.

To associate radiation protection principles and procedures with characteristics of nuclear radiation as it relates to bio effects and pathway of radioactive material.

To define the EPA Protective Action Guides (PAGs) and the recommendations of NCRP.

To summarize the Federal/State/local government and media relationship for different types of radiological emergencies.

To plan radiological emergency response operations that are consistent with ICS.

To give reasons for and components of environmental monitoring in a radiological emergency.

To develop a checklist for analysis and control of radiological hazard area.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

## Radiological Emergency Response Operations (RERO)

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**Course Length:** 5.5 days  
**Instruction Type:** Classroom  
**Course Location:**  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:**

### *Eligibility and Enrollment*

#### **Registration Information:**

**POC Name:** Mr. Jose Cortes  
**POC Address:** Mount Weather Conference Center, 19844 Blue Ridge Mountain,  
Bluemont Road Bluemont, VA 20135  
**POC Phone Number:** (540) 542-2103  
**POC Fax Number:**  
**POC Email Address:** Jose.Cortes@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Radiological Series Train-the-Trainer (TTT)

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/EMI

**Description:** This course is designed to qualify instructors to teach the following "Fundamentals Course for Radiological Response", "Hospital Emergency Department Management of Hazardous Materials Accidents", Department of Energy MERRTT Training. The course includes background information on the radiological protection system, the management plan for the Radiological Training Series (the TD-100 publication), and all courses of the Radiological Training Series. The course does not concentrate on content, but rather on instructional methodology.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Operations, Hazardous Materials

**Performance Level:**

**Pre-requisites:** An adult education methods course or equivalent is recommended.

### *Course Details*

**Course Length:** 4.5 days

**Instruction Type:**

**Course Location:** Other : Mount Weather Emergency Operations Center

**Class Size:** Min Max

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Bernice W. Zaidel

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1360

**POC Fax Number:**

## Radiological Series Train-the-Trainer (TTT)

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**POC Email Address:** Bernice.Zaidel@dhs.gov

**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

# Senior Officials Workshop: Preparedness and Response for Terrorist Incidents Involving Weapons of Mass Destruction

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/ Emergency Management Institute

**Description:** This course prepares senior city officials (mayor and cabinet members/department heads) for making policy and planning decisions necessary to prepare for and respond to a terrorist incident involving weapons of mass destruction. The first half of the workshop discusses policy and planning issues, along with local, State, and Federal capabilities. The second half is a tabletop exercise involving terrorist use of NBC agents in the local jurisdiction.

**Objectives:**

- Recognize probable WMD situations and the implications these situations have for the community.
- Describe the difference between crisis and consequence management and the coordination between the two systems.
- Interact with the appropriate State and Federal personnel so that operations assets can be assembled, assigned, and employed with maximum effectiveness.
- Employ media strategies to calm public fears and maintain public confidence in local government during a WMD incident.
- Conduct an exercise to determine the capability of local policies, plans, and procedures for managing a WMD incident.
- Identify changes required to local policies and procedures, and initiate an action plan to address the changes.

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Elected Official

**Performance Level:** Awareness, Command, Operations

**Pre-requisites:**

## *Course Details*

**Course Length:** 4-6 hours

**Instruction Type:** Classroom

**Course Location:** Other : State and local training systems through State Training Office.



## Senior Officials Workshop: Preparedness and Response for Terrorist Incidents Involving Weapons of Mass Destruction

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**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Tom Marlowe

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727

**POC Phone Number:** (301) 447-1060

**POC Fax Number:**

**POC Email Address:** Tom.Marlowe@dhs.gov

**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

# Special Events Contingency Planning for Public Safety Agencies

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/ Emergency Management Institute

**Description:** This CD-ROM based course is intended for representatives of the public safety team involved in the development of the special event contingency plan. The course has numerous activities based on a series of planning aids contained on the CD-ROM. These planning aids include contingency plan considerations for law enforcement, fire, emergency medical, public health, public works, and emergency management.

**Objectives:**

- Determine the risks/hazards to address in special events contingency planning.
- Identify agency to handle each risk/hazard.
- Develop a command/control plan to effectively respond to any contingency.
- Explain the value of the after-action report.
- Use the job aid manual included with the CD-ROM.

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:** None.

## *Course Details*

**Course Length:** Self-paced

**Instruction Type:** Independent Study

**Course Location:** Other : Independent study course.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

## *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Stephen Borth

## Special Events Contingency Planning for Public Safety Agencies

---

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727

**POC Phone Number:** (301) 447-1249

**POC Fax Number:**

**POC Email Address:** Stephen.Borth@dhs.gov

**POC Website:** <http://www.training.fema.gov>

### ***Additional Comments***

**Comments:**

# Terrorism Planning Course

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## *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, Emergency Management Institute
<b>Sponsor:</b>	FEMA/ Emergency Management Institute
<b>Description:</b>	This course uses lectures, exercises, and job aids in teaching participants to develop, evaluate, or revise a terrorism annex for the community's emergency operating plan (EOP). The course revisits such key issues as vulnerability and command and control in terrorism response environment. In keeping with recommendations of the Gilmore Commission, this course builds the existing emergency response system as articulated by the EOP. Participants must bring a current copy of their EOP.
<b>Objectives:</b>	Assess risk of terrorism attack. Examine Federal response to terrorism attacks. Evaluate existing terrorism plans. Begin developing terrorism-specific appendices to the existing emergency operating plan. Create plans to develop, exercise, and maintain terrorism plans.

## *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Law Enforcement, Elected Official, Public Health, Public Works
<b>Performance Level:</b>	Awareness, Command, Operations
<b>Pre-requisites:</b>	None

## *Course Details*

<b>Course Length:</b>	4 days
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Contact state office of emergency management.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	

## *Eligibility and Enrollment*

<b>Registration Information:</b>	Contact State Office of Emergency Management.
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## Terrorism Planning Course

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**POC Name:** Tom Marlowe  
**POC Address:** Emergency Management Institute, S. Seton Avenue Emmitsburg, MD  
21727  
**POC Phone Number:** (301) 447-1060  
**POC Fax Number:**  
**POC Email Address:** Tom.Marlowe@dhs.gov  
**POC Website:** <http://www.training.fema.gov>

### ***Additional Comments***

**Comments:** EMI offers a resident Train the Trainer version of this course for persons who will teach this course at the local level.

## WMD Scenarios

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, Emergency Management Institute

**Sponsor:** FEMA/ Emergency Management Institute

**Description:** This course consists of five separate scenarios each using a different terrorist weapon. The scenarios are: - Biological-Anthrax - Chemical-Sarin - Chemical-Vx - Radiological "Dirty" bomb - Nuclear: Improvised nuclear explosion - Suicide Bomber

**Objectives:** Evaluate jurisdiction;s ability to respond to and recover from terrorist attacks.  
Develop plan to improve jurisdiction's ability to respond to and recover from terrorist attacks.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement, Elected Official, Public Affairs / Information, Public Health, Public Works

**Performance Level:** Awareness, Command, Operations

**Pre-requisites:** None

### *Course Details*

**Course Length:** 4-6 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery location: State and local training systems through State Training Office.

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Contact State Office of Emergency Management

**POC Name:** Tom Marlowe

**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1060

## WMD Scenarios

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**POC Fax Number:**

**POC Email Address:**

Tom.Marlowe@dhs.gov

**POC Website:**

<http://www.training.fema.gov>

***Additional Comments***

**Comments:**

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***Department of Homeland  
Security, FEMA, National Fire  
Academy***



## Advanced Life Support Response to Hazardous Materials Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy  
**Sponsor:** FEMA/National Fire Academy  
**Description:** The course is directed at paramedics who are tasked with providing medical support at HAZMAT incidents. The course assumes that participants are trained to the "first responder-operations level" as defined by NFPA 472 and 29 CFR 1910.120.  
**Objectives:** Given a scenario on video and working in small groups, the participants will be able to identify the product, characterize the incident, and analyze response activities of the agency involved.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement  
**Performance Level:** Awareness, Command, Operations  
**Pre-requisites:** Must currently be Advanced Life Support Provider (Paramedic), HazMat First Responder Operations

### *Course Details*

**Course Length:** 2 weeks  
**Instruction Type:** Classroom  
**Course Location:** National Fire Academy  
**Class Size:** Min 18 Max 30  
**Cost to Participant:** None  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035  
**POC Name:** Gordon Sachs  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727  
**POC Phone Number:** (301) 447-1594  
**POC Fax Number:** (301) 447-1178  
**POC Email Address:** [gordon.sachs@dhs.gov](mailto:gordon.sachs@dhs.gov)  
**POC Website:** <http://www.usfa.fema.gov>

## Advanced Life Support Response to Hazardous Materials Incidents

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### *Additional Comments*

**Comments:**

## Advanced Safety Operations and Management

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA - National Fire Academy

**Description:** This 6-day course focuses on applying the risk management model to health and safety aspects of emergency services operations, including program management, day-to-day operations, and incident safety. Content areas include firefighter and emergency services fatality and injury problem; the risk management process; safety responsibilities of department members; regulations, standards, and policies affecting emergency services safety; and appropriate documentation and recordkeeping pertaining to firefighter and emergency services health and safety.

**Objectives:** Provide participants with the knowledge, skills, and abilities to develop strategies to manage risk associated with firefighting, EMS, and special operations that focus on reducing firefighter and emergency services fatalities and injuries.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Safety

**Performance Level:** Technician

**Pre-requisites:** Pre-course work assignment

### *Course Details*

**Course Length:** 6 days

**Instruction Type:** Classroom

**Course Location:** National Fire Academy

**Class Size:** Min 15 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [Netc-admissions@fema.gov](mailto:Netc-admissions@fema.gov) or (800) 238-3358, x1035.

**POC Name:** Gordon Sachs

## Advanced Safety Operations and Management

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**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1594

**POC Fax Number:** (301) 447-1178

**POC Email Address:** Gordon.Sachs@dhs.gov

**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:**

## Basic Life Support and Hazardous Materials Response

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA/ National Fire Academy

**Description:** This course assists participants to understand and comply with Federal regulations and national recommendations concerning emergency medical response to hazardous materials incidents.

**Objectives:** To identify mechanisms of harm and injury from hazardous substances and self-protection.

To describe the general principles of toxicology, respiratory, dermal, and systemic toxicology.

To describe on-site medical surveillance.

To describe decontamination methods during medical emergencies.

To describe ingestion injuries.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:** None

### *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 15 Max 40

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtm](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtm))

**POC Name:** Gordon Sachs

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1594

**POC Fax Number:** (301) 447-1178

## Basic Life Support and Hazardous Materials Response

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**POC Email Address:** gordon.sachs@dhs.gov

**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## Chemistry for Emergency Response

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, National Fire Academy
<b>Sponsor:</b>	FEMA - National Fire Academy
<b>Description:</b>	This 2-week course gives Emergency Responders the knowledge to ensure a hazard-based response and risk-based decisions when confronted with incidents involving hazardous materials and weapons of mass destruction.
<b>Objectives:</b>	Students learn to recognize chemical nomenclature and basic principles of chemistry, and to assess risks to responders and the public. The course provides emergency responders with a sound understanding of the chemistry of hazardous materials in order to permit them to correctly assess accidental or intentional hazardous threats.

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Interdisciplinary, Law Enforcement, Public Health, Public Works, Safety, Transportation
<b>Performance Level:</b>	Technician
<b>Pre-requisites:</b>	Students should have some hazardous materials responsibility.

### *Course Details*

<b>Course Length:</b>	40 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : State Fire Training Agency
<b>Class Size:</b>	Min 18 Max 30
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Call or e-mail Point of Contact (POC).
<b>POC Name:</b>	Wayne Yoder
<b>POC Address:</b>	National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727
<b>POC Phone Number:</b>	(301) 447-1090
<b>POC Fax Number:</b>	(301) 447-1372
<b>POC Email Address:</b>	Wayne.Yoder@dhs.gov

## Chemistry for Emergency Response

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**POC Website:** <http://www.usfa.fema.gov>

***Additional Comments***

**Comments:**



# Command and Control of Fire Department Operations at Target Hazards

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA/ National Fire Academy

**Description:** This course is designed to introduce command officers to the complexities involved in commanding incidents in high-risk areas. Students are confronted with a number of fire and rescue incidents that are influenced by high life hazard, multiple exposure, and unusual occupancy risk considerations. Demonstrated experience in Incident Command and completion of previous command is required. This course does not cover NBC type incidents.

**Objectives:** The student will be able to perform a comprehensive size up, a recognition-primed decision-making and Post- Incident Analysis. The student will be able to utilize the Incident Command System and perform pre-incident planning. The student will be able to effectively utilize command staff and communication systems. The student will be able to properly use available resources and documentation. The student will be able to successfully mitigate various forms of liability.

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement, Elected Official, Public Health, Public Works

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:** Demonstrated experience in ICS and completion of a previous command course.

## *Course Details*

**Course Length:** 6 days

**Instruction Type:** Classroom

**Course Location:** National Fire Academy

**Class Size:** Min 18 Max 30

**Cost to Participant:** None

**Certificate:** Yes

## Command and Control of Fire Department Operations at Target Hazards

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### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035.

**POC Name:** Robert Murgallis

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1347

**POC Fax Number:** (301) 447-1178

**POC Email Address:** [Robert.Murgallis@dhs.gov](mailto:Robert.Murgallis@dhs.gov)

**POC Website:** <http://usfa.fema.gov>

### *Additional Comments*

**Comments:**

## Command and Control of Incident Operations

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA-National Fire Academy

**Description:** This 6-day course introduces the ICS and proper fire command techniques for control and extinguishment of fires ranging from small, residential structures to multi-occupancy and commercial complexes for the volunteer fire officers.

**Objectives:** Problem-solving and fire command, interagency and mutual aid, the ICS, incident management, size up and strategy, tactics and action plans, truck company operations, engine company operations, building construction, and fire behavior.  
Pre-incident preparation, incident organization, and strategic command.  
Special emphasis on firefighter safety.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness

**Pre-requisites:** None

### *Course Details*

**Course Length:** 6 days

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 15 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtml](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml))

**POC Name:** Robert Murgallis

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland  
21727

**POC Phone Number:** (301) 447-1347

## Command and Control of Incident Operations

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**POC Fax Number:** (301) 447-1178  
**POC Email Address:** Robert.Murgallis@dhs.gov  
**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## Command and Control of Operations at Multi-Alarm Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA-National Fire Academy

**Description:** This course is simulation-intensive and focuses on the command officer's responsibility while conducting major operations involving multi-alarm units. Emphasis is placed on rapid fireground decisionmaking, advanced incident command, command and control, safety, personnel accountability, and communications.

**Objectives:** Students are taught to recognize critical cues specific to various types of complex emergency incidents.

Students are taught the proper command and control procedures necessary to bring these incidents to closure.

Students apply their knowledge and skills to address simulated emergency incidents involving multiple hazards.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Hospital, Incident Command, Interdisciplinary, Law Enforcement

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:** Pre-course self-study module on ICS, a demonstrated experience in ICS, and pass a proficiency exam in the area of ICS.

### *Course Details*

**Course Length:** 2 weeks

**Instruction Type:** Classroom

**Course Location:** National Fire Academy

**Class Size:** Min 18 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035.

**POC Name:** Robert Murgallis

## Command and Control of Operations at Multi-Alarm Incidents

---

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland  
21727

**POC Phone Number:** (301) 447-1347

**POC Fax Number:** (301) 447-1178

**POC Email Address:** Robert.Murgallis@dhs.gov

**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:**

## Command and Control of Operations at Natural and Man-made Disasters

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA/ National Fire Academy

**Description:** This course addresses fire and rescue department operations at natural and man-made disasters. Hurricanes, blizzards, civil disturbances, terrorism, hazardous material releases, tornadoes, and floods are some of the topics covered. Demonstrated experience in Incident Command required. Does not specifically cover the use of NBC type materials as a Weapon of Mass Destruction (WMD).

**Objectives:** The students will be able to identify and analyze various hazards. By using the EOC scope, students will be able to set evacuation routes, shelter systems, communication lines, resource management, and logistics systems. The students will be able to properly execute the recovery phase of an incident.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:** Demonstrated experience in ICS.

### *Course Details*

**Course Length:** 2 weeks

**Instruction Type:** Classroom

**Course Location:** National Fire Academy

**Class Size:** Min 18 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035.

**POC Name:** Robert Murgallis

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

## Command and Control of Operations at Natural and Man-made Disasters

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**POC Phone Number:** (301) 447-1347  
**POC Fax Number:** (301) 447-1178  
**POC Email Address:** Robert.Murgallis@dhs.gov  
**POC Website:** <http://www.usfa.fema.gov>

### *Additional Comments*

**Comments:**



## Command and General Staff Functions in the Incident Command System

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA-National Fire Academy

**Description:** This course is designed for those officers who would function in a Command or General staff position during a large, complex incident, or those officers who are or would likely be part of a local or regional Incident Management Team during a major incident, whether single agency, multi-agency, or Unified Command.

**Objectives:** To better prepare emergency response personnel to effectively manage large, complex incidents by utilizing the functional components of the ICS.

To enhance the skills necessary to operate as a team in various command and general staff positions.

Develop a better understanding of documentation necessary for large, complex incidents.

Promote a better understanding of team operation through application during various simulations.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:** Introduction to Command and General Staff

### *Course Details*

**Course Length:** 6 days

**Instruction Type:** Classroom

**Course Location:** Other : TRADE network

**Class Size:** Min 18 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035.

## Command and General Staff Functions in the Incident Command System

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**POC Name:** Robert Murgallis  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland  
21727  
**POC Phone Number:** (301) 447-1347  
**POC Fax Number:** (301) 447-1178  
**POC Email Address:** Robert.Murgallis@dhs.gov  
**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:**

## Emergency Medical Services: Management of Community Health Risks

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** National Fire Academy

**Description:** The 2-week course targets EMS providers, supervisors, and program managers with the responsibility for development and implementation of community health and safety programs. During the class the students will develop a community-specific Health Outcome Management Plan with the goal of a 25-percent reduction in preventable illness and injuries within a community.

**Objectives:**

- To provide students with a methodology that significantly improves their ability to assess all-hazard risk management for their specific locale.
- To provide students with information and procedures that can be used to assess, analyze, and present risk information specific to their community in an effective manner.
- To provide an opportunity for students to identify sources of information, analyze the information, and prepare and present risk assessment reports.

### *Audience*

**Function/Area:** Emergency Management, Emergency Medical, Safety

**Performance Level:** Operations

**Pre-requisites:** None

### *Course Details*

**Course Length:** 2 weeks

**Instruction Type:** Classroom

**Course Location:** National Fire Academy

**Class Size:** Min 18 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800)238-3358, x1035.

**POC Name:** Gordon Sachs

## Emergency Medical Services: Management of Community Health Risks

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**POC Address:** U.S. Fire Administration 16825 S. Seton Avenue, Emmitsburg, MD  
21727

**POC Phone Number:** (301) 447-1594

**POC Fax Number:** (301) 447-1178

**POC Email Address:** Gordon.Sachs@dhs.gov

**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:**

## Emergency Response to Terrorism: Awareness

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA-National Fire Academy

**Description:** This course is designed to prepare first responder personnel to recognize the signs of, and take the appropriate initial courses of action at the scene of, a potential terrorist incident. The course provides specialized information concerning such topics as: current Department of Justice definitions of terrorism; a history of terrorism; agents utilized by terrorists; suspicious circumstances; self-protection at potential terrorist scenes; crime scene considerations; and specialized incident command issues.

**Objectives:** Students will be able to protect themselves effectively from potential dangers in all the categories of CBRNE incidents.

Students will be able to perform initial responder tasks effectively in a situation which combines the elements of hazardous materials incident and a crime scene.

Students will be able to apply special security procedures within their organization and communities.

Students will learn how to implement tactical procedures such as: isolating the incident scene; notifying appropriate authorities; and identifying agent indicators.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Hazardous Materials, Incident Command, Interdisciplinary, Law Enforcement, Public Health, Public Works, Safety, Transportation

**Performance Level:** Awareness

**Pre-requisites:** None

### *Course Details*

**Course Length:** 8 hours

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 15 Max 40

**Cost to Participant:** None

## Emergency Response to Terrorism: Awareness

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**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtml](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml))

**POC Name:** Gordon Sachs

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1594

**POC Fax Number:** (301) 447-1178

**POC Email Address:** [Gordon.Sachs@dhs.gov](mailto:Gordon.Sachs@dhs.gov)

**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:** This course will be provided to State Fire Training Agencies for delivery on or about January 1, 2004.

## Emergency Response to Terrorism: Basic Concepts

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA/ National Fire Academy

**Description:** To prepare first responders for terrorist incidents dealing primarily with life safety and self-preservation within the areas of biological, nuclear, incendiary, chemical, and explosive attacks. This focus includes information on detection and monitoring for the above-mentioned topics.

**Objectives:**

The student will be able to recognize circumstances that indicate a potential terrorist act.

The student will be able to define the implementation of appropriate self-protective measures.

The student will be able to define scene control issues involving isolation, evacuation, and perimeter control associated with terrorist incidents.

The student will be able to recognize, define, and recommend tactical objectives for biological, nuclear, incendiary, and chemical and explosive (B-NICE) incidents.

The student will be able to describe command and control issues associated with responder operations at a crime scene.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:**

### *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Other : Delivery location: National Fire Academy, State and local training systems through State Training Office

**Class Size:** Min Max

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

## Emergency Response to Terrorism: Basic Concepts

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**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Gordon Sachs  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727  
**POC Phone Number:** (301) 447-1594  
**POC Fax Number:** (301) 447-1178  
**POC Email Address:** gordon.sachs@dhs.gov  
**POC Website:**

### *Additional Comments*

**Comments:**



## Emergency Response to Terrorism: Self-Study

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, National Fire Academy
<b>Sponsor:</b>	FEMA/National Fire Academy
<b>Description:</b>	This self-study course is designed to provide a general introduction to the basic concepts for first responder awareness at the scene of a potential terrorist incident.
<b>Objectives:</b>	<p>The student will be able to recognize circumstances that indicate a potential terrorist act.</p> <p>The student will be able to recognize and define indicators from five general agents.</p> <p>The student will be able to define implementation of appropriate self-protective measures.</p> <p>The student will be able to list and explain the needs and processes traditionally associated with responding to an emergency.</p> <p>The student will be able to recognize and relate the various roles as stated within the Federal Response Plan, EOPs, PDD-39, and the Stafford Act.</p>

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Law Enforcement
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	Self-paced
<b>Instruction Type:</b>	Independent Study
<b>Course Location:</b>	Other : Course materials are provided through the mail.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	<a href="http://www.usfa.fema.gov/fire-service/nfa/courses/offcampus/nfa-off3.shtm">www.usfa.fema.gov/fire-service/nfa/courses/offcampus/nfa-off3.shtm</a>
<b>POC Name:</b>	Training Webmaster

## Emergency Response to Terrorism: Self-Study

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**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1089

**POC Fax Number:**

**POC Email Address:**

**POC Website:** <http://www.training.fema.gov>

### ***Additional Comments***

**Comments:** Course will change from paper-based to interactive in early 2004.

## Emergency Response to Terrorism: Strategic Concepts for Chief Officers

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA - National Fire Academy

**Description:** This 2-day course is designed for the senior-level officer(s) who may be responsible for command of incidents involving terrorism. It is intended to build upon existing skills as an Incident Commander and knowledge of terrorism from professional experience or from the Emergency Response to Terrorism: Basic Concepts (ERT:BC) course. The class will assist the command officer in preparing an effective response to the consequences of terrorism. To address the command and control challenges that likely will confront the Incident Commander, the class consists of lecture supported by case studies and practice scenarios.

**Objectives:** To enable the students to apply their knowledge of pre-incident planning, managing emergency incidents, and operating as part of a Unified Command structure to a terrorist incident.

To assist the command officer in preparing an effective response to the consequences of terrorism.

To provide guidance in developing effective plans to guide responders in managing terrorist incidents.

To prepare Incident Commanders to operate as part of a multi-agency, multi-discipline, and multi-jurisdictional response.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command

**Performance Level:** Operations

**Pre-requisites:** ERT: Basic Concepts

### *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 15 Max 40

**Cost to Participant:** None

**Certificate:** Yes

## Emergency Response to Terrorism: Strategic Concepts for Chief Officers

---

### *Eligibility and Enrollment*

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtml](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml))

**POC Name:** Gordon Sachs

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1594

**POC Fax Number:** (301) 447-1178

**POC Email Address:** [Gordon.Sachs@dhs.gov](mailto:Gordon.Sachs@dhs.gov)

**POC Website:** <http://www.usfa.fema.gov>

### *Additional Comments*

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## Emergency Response to Terrorism: Tactical Considerations--Company Officer

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy  
**Sponsor:** FEMA/National Fire Academy  
**Description:** This 2-day course is designed to build upon the existing skills of the initial first-responding supervisor from the ERT: Basic Concepts course or ERT: Self-Study guide.  
**Objectives:** Students will be trained in security considerations, identifying signs of terrorism, anticipating unusual response circumstances, assessing information, and initiating self-protection measures.  
Students will apply knowledge about responding to a terrorist event, managing the initial response, and transitioning information on expanded ICS.

### *Audience*

**Function/Area:** Emergency Operations, Fire, Incident Command  
**Performance Level:** Operations  
**Pre-requisites:** ERT: Basic Concepts

### *Course Details*

**Course Length:** 16 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : State Fire Training Agency  
**Class Size:** Min 15 Max 40  
**Cost to Participant:** None  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtml](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml))  
**POC Name:** Gordon Sachs  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727  
**POC Phone Number:** (301) 447-1594  
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**POC Website:** <http://www.usfa.fema.gov>

## Emergency Response to Terrorism: Tactical Considerations--Company Officer

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### *Additional Comments*

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## Emergency Response to Terrorism: Tactical Considerations--EMS

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, National Fire Academy
<b>Sponsor:</b>	FEMA - National Fire Academy
<b>Description:</b>	This 2-day course is designed for the first on-the-scene responding to EMS personnel with the responsibility to render patient care to victims of terrorist incidents.
<b>Objectives:</b>	Students will be trained in security considerations, identifying signs of terrorist incidents, anticipating unusual response circumstances, assessing information, and initiating self-protection actions. Students will apply knowledge about responding to a terrorist event, providing patient care, identifying and preserving evidence, managing site safety, documenting the event, and debriefing personnel.

### *Audience*

<b>Function/Area:</b>	Emergency Operations, Emergency Medical, Fire
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	ERT: Basic Concepts

### *Course Details*

<b>Course Length:</b>	16 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : State Fire Training Agency
<b>Class Size:</b>	Min 15 Max 40
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	State Fire Training Agencies ( <a href="http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml">www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml</a> )
<b>POC Name:</b>	Gordon Sachs
<b>POC Address:</b>	National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727
<b>POC Phone Number:</b>	(301) 447-1594
<b>POC Fax Number:</b>	(301) 447-1178
<b>POC Email Address:</b>	Gordon.Sachs@dhs.gov
<b>POC Website:</b>	<a href="http://www.usfa.fema.gov">http://www.usfa.fema.gov</a>

## Emergency Response to Terrorism: Tactical Considerations--EMS

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### *Additional Comments*

**Comments:** Available through State Fire Training Agencies and major metro fire departments.



# Emergency Response to Terrorism: Tactical Considerations--Hazardous Materials

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy  
**Sponsor:** FEMA - National Fire Academy  
**Description:** This 2-day course is designed for the first on-the-scene responding hazardous materials technician or persons who have the responsibility of developing initial hazardous materials tactical considerations.  
**Objectives:** Students will be trained in security considerations, identifying signs of terrorism, anticipating unusual response circumstances, assessing information, and initiating self-protection actions.  
Students will apply knowledge about responding to a terrorist event, managing site safety, documenting the event, and debriefing personnel.

## *Audience*

**Function/Area:** Emergency Operations, Fire, Hazardous Materials  
**Performance Level:** Operations  
**Pre-requisites:** ERT: Basic Concepts, HazMat First Responder Operations level

## *Course Details*

**Course Length:** 16 hours  
**Instruction Type:** Classroom  
**Course Location:** Other : State Fire Training Agency  
**Class Size:** Min 15 Max 40  
**Cost to Participant:** None  
**Certificate:** Yes

## *Eligibility and Enrollment*

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtml](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml))  
**POC Name:** Gordon Sachs  
**POC Address:** Emergency Management Institute, 16825 S. Seton Avenue Emmitsburg,  
MD 21727  
**POC Phone Number:** (301) 447-1594  
**POC Fax Number:** (301) 447-1178  
**POC Email Address:** [Gordon.Sachs@dhs.gov](mailto:Gordon.Sachs@dhs.gov)  
**POC Website:** <http://www.usfa.fema.gov>

## Emergency Response to Terrorism: Tactical Considerations--Hazardous Materials

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### *Additional Comments*

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## EMS Special Operations

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA - National Fire Academy

**Description:** Historically, EMS has been provided to meet the immediate needs of communities. In recent years, we have seen a greater reliance on our EMS systems. As our customers begin to expect more from us, our mission has expanded. Recent cases have shown that local EMS organizations can be overwhelmed easily by many of the events to which we are called to respond. Events such as mass-casualty incidents, storms, earthquakes, or technological emergencies, mass gatherings, dignitary visits, and terrorism can place an unusual demand upon our ability to provide continued "background" response to our anticipated daily call volume. It is only through effective planning and preparation for these unique events that we can continue to respond effectively to our customers. This program discusses many of these special operations and the burdens they place upon our communities, EMS systems, and the responders within our systems.

**Objectives:** To enable EMS managers to prepare their organizations to respond to such events by identifying potential hazards and determining potential resource needs.

To determine how resources may be acquired, and develop a plan that enables the effective, specialized control of these events.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Safety

**Performance Level:** Operations

**Pre-requisites:** None

### *Course Details*

**Course Length:** 2 weeks

**Instruction Type:** Classroom

**Course Location:** National Fire Academy

**Class Size:** Min 13 Max 30

**Cost to Participant:** None

## EMS Special Operations

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**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035.

**POC Name:** Gordon Sachs

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1594

**POC Fax Number:** (301) 447-1178

**POC Email Address:** [Gordon.Sachs@dhs.gov](mailto:Gordon.Sachs@dhs.gov)

**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:**

## Executive Analysis of Fire Service Operations in Emergency Management

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy  
**Sponsor:** FEMA-National Fire Academy  
**Description:** This course is designed to prepare senior staff officers in the administrative functions necessary to manage the operational component of a fire and rescue department effectively.  
**Objectives:** To effectively develop plans for and manage the operational component of a fire and rescue department.  
Exercise executive-level command at large-scale emergency incidents using the ICS.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement  
**Performance Level:** Awareness, Command, Operations, Technician  
**Pre-requisites:** Demonstrated experience in ICS.

### *Course Details*

**Course Length:** 2 weeks  
**Instruction Type:** Classroom  
**Course Location:** National Fire Academy  
**Class Size:** Min 18 Max 30  
**Cost to Participant:** None  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035.  
**POC Name:** Robert Murgallis  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland 21727  
**POC Phone Number:** (301) 447-1347  
**POC Fax Number:** (301) 447-1178  
**POC Email Address:** [Robert.Murgallis@dhs.gov](mailto:Robert.Murgallis@dhs.gov)  
**POC Website:** <http://www.usfa.fema.gov>

## Executive Analysis of Fire Service Operations in Emergency Management

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### *Additional Comments*

**Comments:**

This course is part of the NFA Executive Fire Officer Program, but is open to all students.

## Hazardous Materials Incident Management

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy  
**Sponsor:** FEMA - National Fire Academy  
**Description:** This 6-day program focuses on the duties and responsibilities of the emergency response personnel who will assume the Incident Commander role in hazmat emergencies above the initial response.  
**Objectives:** Follows 3 phases on an incident: pre-planning, incident operations, and post-incident responsibilities based on the current requirements of 29 CFR 1910.120 and the applicable national standards.

### *Audience*

**Function/Area:** Fire, Hazardous Materials, Incident Command  
**Performance Level:** Operations  
**Pre-requisites:** Hazardous Materials First Responder Operations

### *Course Details*

**Course Length:** 6 days  
**Instruction Type:** Classroom  
**Course Location:** Other : State Fire Training Agency  
**Class Size:** Min 15 Max 30  
**Cost to Participant:** None  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Wayne Yoder  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727  
**POC Phone Number:** (301) 447-1090  
**POC Fax Number:** (301) 447-1372  
**POC Email Address:** Wayne.Yoder@dhs.gov  
**POC Website:** <http://www.usfa.fema.gov>

### *Additional Comments*

**Comments:**

## Hazardous Materials Operating Site Practices

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA - National Fire Academy

**Description:** This course focuses on the strategies and safety procedures for alleviating the danger at a hazardous materials incident. It concentrates on integrating knowledge about hazardous materials chemistry, storage, transportation, and potential release scenarios with information about local hazardous materials incident plans and response systems.

**Objectives:** Decision-making activities, as defined by current regulations and standards, apply learned course information.  
Subjects include DOT 49 CFR regulations as they apply to hazmat teams, hazard interpretation, damage assessment, site characterization, assessment of tactical operations, and development of operational plans.

### *Audience*

**Function/Area:** Hazardous Materials

**Performance Level:** Technician

**Pre-requisites:** Hazardous Materials First Responder Operations

### *Course Details*

**Course Length:** 2 weeks

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 18 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Wayne Yoder

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1090

**POC Fax Number:** (301) 447-1372

**POC Email Address:** Wayne.Yoder@dhs.gov

**POC Website:** <http://www.usfa.fema.gov>



## Hazardous Materials Operating Site Practices

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### *Additional Comments*

**Comments:**

## Incident Command for Highrise Operations

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, National Fire Academy
<b>Sponsor:</b>	FEMA-National Fire Academy
<b>Description:</b>	This 2-day course is designed to assist emergency response officers who have responsibility for managing highrise incidents.
<b>Objectives:</b>	To provide the student with the ability to organize resources, develop strategies, and manage tactical operations to protect life and to minimize damage during a highrise incident. To provide the student with the ability to apply the Incident Command System at a highrise incident. To provide the student with the ability to apply knowledge about building construction and building systems during a highrise incident.

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement
<b>Performance Level:</b>	Awareness
<b>Pre-requisites:</b>	Working knowledge of basic ICS organization, strategy, and tactics for structural firefighting, building construction, and understanding the type of building systems existing in highrise buildings.

### *Course Details*

<b>Course Length:</b>	2 days
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : State Fire Training Agencies
<b>Class Size:</b>	Min 15 Max 40
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	State Fire Training Agencies ( <a href="http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml">www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml</a> )
<b>POC Name:</b>	Robert Murgallis
<b>POC Address:</b>	National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland 21727

## Incident Command for Highrise Operations

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**POC Phone Number:** (301) 447-1347  
**POC Fax Number:** (301) 447-1178  
**POC Email Address:** Robert.Murgallis@dhs.gov  
**POC Website:** <http://www.usfa.fema.gov>

### *Additional Comments*

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## Incident Command for Structural Collapse Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy  
**Sponsor:** FEMA-National Fire Academy  
**Description:** This 2-day course is designed to provide fire officers with an understanding of command operations at structural collapse incidents.  
**Objectives:** Describe aspects of a structural collapse; all unique operational considerations used at a structural collapse incident; all response operations phases associated with a structural collapse; and technical rescue expertise.  
Identify various resource levels, types, and capabilities used for structural collapse incidents.  
Identify critical factors and issues that affect scene management.  
Explain basic command procedures and ICS organizational structures.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement  
**Performance Level:** Awareness  
**Pre-requisites:** None

### *Course Details*

**Course Length:** 2 days  
**Instruction Type:** Classroom  
**Course Location:** Other : State Fire Training Agency  
**Class Size:** Min 15 Max 40  
**Cost to Participant:** None  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtm](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtm))  
**POC Name:** Robert Murgallis  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland 21727  
**POC Phone Number:** (301) 447-1347

## Incident Command for Structural Collapse Incidents

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**POC Fax Number:** (301) 447-1178  
**POC Email Address:** Robert.Murgallis@dhs.gov  
**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## Incident Command System Self-Study

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy  
**Sponsor:** FEMA-National Fire Academy  
**Description:** This self-paced course introduces ICS to fire service officers and other emergency managers who use, deploy, implement, and/or function within an incident command organization.  
**Objectives:** Provides practical applications of the ICS concept.  
Addresses some of the issues described in NFPA Standard 1561.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement  
**Performance Level:** Awareness  
**Pre-requisites:** None

### *Course Details*

**Course Length:** Self-paced  
**Instruction Type:** Independent Study  
**Course Location:** Other : Self-paced course  
**Class Size:** Min Max  
**Cost to Participant:** None  
**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** [www.usfa.fema.gov/fire-service/nfa/courses/offcampus/nfa-off3.shtm](http://www.usfa.fema.gov/fire-service/nfa/courses/offcampus/nfa-off3.shtm)  
**POC Name:** Training Webmaster  
**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland 21727  
**POC Phone Number:** (301) 447-1089  
**POC Fax Number:**  
**POC Email Address:**  
**POC Website:** <http://www.training.fema.gov>

### *Additional Comments*

**Comments:**

## Incident Safety Officer

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, National Fire Academy
<b>Sponsor:</b>	FEMA - National Fire Academy
<b>Description:</b>	This 2-day course examines the Safety Officer's role at emergency responses. A specific focus on operations within an Incident Command System (ICS) as a Safety Officer is a main theme. Response to all-hazards types of situations will be emphasized.
<b>Objectives:</b>	To provide the company officer with skills to function as the Safety Officer at fire department incident operations. To develop decisionmaking skills through the recognition of cues that affect personal safety (safety cues).

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Safety
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	2 days
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	National Fire Academy
<b>Class Size:</b>	Min 15 Max 40
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	Contact NETC Admissions at <a href="mailto:NETC-admissions@fema.gov">NETC-admissions@fema.gov</a> or (800) 238-3358, x1035.
<b>POC Name:</b>	Gordon Sachs
<b>POC Address:</b>	National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727
<b>POC Phone Number:</b>	(301) 447-1594
<b>POC Fax Number:</b>	(301) 447-1178
<b>POC Email Address:</b>	<a href="mailto:Gordon.Sachs@dhs.gov">Gordon.Sachs@dhs.gov</a>
<b>POC Website:</b>	<a href="http://www.usfa.fema.gov">http://www.usfa.fema.gov</a>

## Incident Safety Officer

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### *Additional Comments*

**Comments:**



## Initial Response to Hazardous Materials Incidents: Basic Concepts

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA - National Fire Academy

**Description:** This course is designed to give the participant an understanding of the basic concepts and techniques of hazardous materials first response. Instruction based on 29 CFR 1910.120 (OSHA) and 40 CFR 311 (EPA).

**Objectives:** To provide information on topics important to the Incident Commander at a hazmat incident, including negligence and liability, planning, ICS/EOC interface, training requirements, and emergency response plans.

### *Audience*

**Function/Area:** Hazardous Materials

**Performance Level:** Operations

**Pre-requisites:** None

### *Course Details*

**Course Length:** 2 days

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 15 Max 30

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Wayne Yoder

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1090

**POC Fax Number:** (301) 447-1178

**POC Email Address:** Wayne.Yoder@dhs.gov

**POC Website:** <http://www.usfa.fema.gov>

### *Additional Comments*

**Comments:**

# Initial Response to Hazardous Materials Incidents: Concept Implementation

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## *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA - National Fire Academy

**Description:** This course provides foundational information to bring the responder into compliance with the cognitive skills necessary to respond safely and effectively to incidents involving hazardous materials and comply with the Operational level competencies required by 29 CFR 1910.120, the Hazardous Waste Operations and Emergency Response Regulation (HAZWOPER).

**Objectives:** Apply a systematic process (the GEDAPER process) for safe and appropriate response to hazardous materials incidents.  
Utilize safe and appropriate strategies and tactics within the realm of the first responder operations.  
Identify operations and approaches that are beyond the capabilities of the first responder operations.

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Interdisciplinary, Law Enforcement, Public Health, Public Works, Safety, Transportation

**Performance Level:** Awareness, Operations

**Pre-requisites:** None

## *Course Details*

**Course Length:** 16 hours

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 15 Max 40

**Cost to Participant:** None

**Certificate:** Yes

## *Eligibility and Enrollment*

**Registration Information:** State Fire Training Agencies  
([www.usfa.fema.gov/fire-service/pocs/st\\_pocs.shtml](http://www.usfa.fema.gov/fire-service/pocs/st_pocs.shtml))

**POC Name:** Wayne Yoder

## Initial Response to Hazardous Materials Incidents: Concept Implementation

---

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, MD 21727

**POC Phone Number:** (301) 447-1090

**POC Fax Number:** (301) 447-1372

**POC Email Address:** Wayne.Yoder@dhs.gov

**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:** Available through State Fire Training Agencies and major metro fire departments.

## Introduction to Command and General Staff

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### *Course Overview*

<b>Federal Department/Agency:</b>	Department of Homeland Security, FEMA, National Fire Academy
<b>Sponsor:</b>	FEMA-National Fire Academy
<b>Description:</b>	This Web-based, self-study is designed for the Nation's emergency services providers who may assume Command and General Staff functions during a large, complex incident. This course will provide the student with a basic understanding of ICS and Command and General Staff positions.
<b>Objectives:</b>	Provides an introduction to the roles and responsibilities of each of the eight Command and General Staff positions of an expanded ICS. Provides an overview of Incident Management Teams. Provides an introduction to the ICS Forms

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement
<b>Performance Level:</b>	Awareness, Command, Operations, Technician
<b>Pre-requisites:</b>	None

### *Course Details*

<b>Course Length:</b>	Self-paced
<b>Instruction Type:</b>	Independent Study
<b>Course Location:</b>	Other : Self-paced, Independent Study
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None
<b>Certificate:</b>	Yes

### *Eligibility and Enrollment*

<b>Registration Information:</b>	<a href="http://www.usfa.fema.gov/fire-service/nfa/courses/offcampus/nfa-off3.shtm">www.usfa.fema.gov/fire-service/nfa/courses/offcampus/nfa-off3.shtm</a>
<b>POC Name:</b>	Training Webmaster
<b>POC Address:</b>	National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland 21727
<b>POC Phone Number:</b>	(301) 447-1089
<b>POC Fax Number:</b>	
<b>POC Email Address:</b>	

## Introduction to Command and General Staff

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**POC Website:** <http://www.training.fema.gov>

***Additional Comments***

**Comments:** This course will be available on or about January 1, 2004.

## Introduction to Unified Command for Multi-Agency and Catastrophic Incidents

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### *Course Overview*

**Federal Department/Agency:** Department of Homeland Security, FEMA, National Fire Academy

**Sponsor:** FEMA-National Fire Academy

**Description:** This course is designed for those officers who would likely function in a Command or General Staff position during a multi-agency operation. Students will be exposed to lectures and activities designed to promote a better understanding of multi-agency needs and a Unified Command structure.

**Objectives:** To provide an understanding of the requirements of a Unified Command organization and the skills necessary to operate effectively at complex incidents.

To develop a better understanding of the complexities of multi-agency incidents and the skills necessary to operate in that environment.

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:** None

### *Course Details*

**Course Length:** 2 days

**Instruction Type:** Classroom

**Course Location:** Other : State Fire Training Agency

**Class Size:** Min 15 Max 40

**Cost to Participant:** None

**Certificate:** Yes

### *Eligibility and Enrollment*

**Registration Information:** Contact NETC Admissions at [NETC-admissions@fema.gov](mailto:NETC-admissions@fema.gov) or (800) 238-3358, x1035.

**POC Name:** Robert Murgallis

**POC Address:** National Fire Academy, 16825 S. Seton Avenue Emmitsburg, Maryland 21727

**POC Phone Number:** (301) 447-1347

## Introduction to Unified Command for Multi-Agency and Catastrophic Incidents

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**POC Fax Number:** (301) 447-1178  
**POC Email Address:** Robert.Murgallis@dhs.gov  
**POC Website:** <http://www.usfa.fema.gov>

### ***Additional Comments***

**Comments:**

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***Department of Justice - Federal  
Bureau of Investigation***



# Weapons of Mass Destruction HazMat Evidence Collection

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## Course Overview

<b>Federal Department/Agency:</b>	Department of Justice - Federal Bureau of Investigation
<b>Sponsor:</b>	Community Research Associates (CRA)
<b>Description:</b>	This Operations Level course involves instruction in how to collect weapons of mass destruction (WMD)hazardous materials (HazMat) evidence and ensure that collection protocols are followed and that proper chain of custody is maintained. This course has been jointly developed by CRA and the Federal Bureau of Investigation&#146;s (FBI&#146;s) Hazardous Materials Response Unit (HMRU). Emergency responders may be asked to assist in hazard risk assessment and to act as a crime scene &#147;specialist&#148; in the actual collection of evidence at the direction of crime scene investigators. The objective is to provide Public Safety personnel with the skills and knowledge to effectively collect hazardous criminal evidence as a crime scene &#147;specialist&#148; at the direction of law enforcement. The 2-day course is composed of classroom hours and a practical scenario.
<b>Objectives:</b>	Identify the safe and helpful participation in a WMD crime scene process. Properly identify, characterize, collect and package WMD evidence. Describe and understand the chain-of-custody in evidence collection. Describe the evidence decontamination process. Demonstrate hands-on participation in evidence collection.

## Audience

<b>Function/Area:</b>	Emergency Management, Emergency Medical, Fire, Hazardous Materials, Law Enforcement
<b>Performance Level:</b>	Operations
<b>Pre-requisites:</b>	Completion of AWR-103.
<b>Course Details</b>	
<b>Course Length:</b>	16 hours
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Delivered at State, regional, or local training facilities. Participants are encouraged to bring their own personal protective equipment (PPE).
<b>Class Size:</b>	Min Max 20
<b>Cost to Participant:</b>	Training is free to eligible jurisdictions.

## Weapons of Mass Destruction HazMat Evidence Collection

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**Certificate:** Yes

### ***Eligibility and Enrollment***

**Registration Information:** Please call or e-mail Point of Contact (POC).

**POC Name:** Centralized Scheduling and Information Desk

**POC Address:**

**POC Phone Number:** (800) 368-6498

**POC Fax Number:**

**POC Email Address:** askcsd@ojp.usdoj.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

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***Department of Transportation***

## Security Training Courses: Crime Prevention Through Environmental Design

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### *Course Overview*

**Federal Department/Agency:** Department of Transportation

**Sponsor:** Federal Transit Administration

**Description:** This course expands on information provided in the Transit Security course. Crime prevention through environmental design links system security concepts and initiatives to the system safety program plan early in the transit lifecycle. The course emphasizes and enhances industry training in incorporating such preventive measures into the design and operations planning of the facility. In order for agencies to be in compliance with FTA State Safety Oversight regulations, planning and design of safety and security in all aspects of physical and operational systems are critical.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 3 days

**Instruction Type:**

**Course Location:**

**Class Size:** Min Max

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Michael Taborn, Acting Team Leader for Security

**POC Address:** Federal Transit Administration

**POC Phone Number:** (202) 366-3526

**POC Fax Number:**

**POC Email Address:** michael.taborn@fta.dot.gov

## Security Training Courses: Crime Prevention Through Environmental Design

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POC Website:

*Additional Comments*

Comments:

## Security Training Courses: Effectively Managing Transit Emergencies

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### *Course Overview*

**Federal Department/Agency:** Department of Transportation  
**Sponsor:** Federal Transit Administration  
**Description:** Participants are shown how to develop and implement a transit emergency management response program. This includes such elements as nature of emergencies and disasters; emergency management concepts; development of an emergency management plan; incident command station and coordination of response efforts and resources; emergency management training acquisition of resources; managing media relations and tabletop simulations and group exercises.

### **Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

### **Pre-requisites:**

### *Course Details*

**Course Length:** 4-5 days

### **Instruction Type:**

### **Course Location:**

**Class Size:** Min Max

### **Cost to Participant:**

### **Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Michael Taborn, Acting Team Leader for Security

**POC Address:** Federal Transit Administration

**POC Phone Number:** (202) 366-3526

### **POC Fax Number:**

**POC Email Address:** michael.taborn@fta.dot.gov

### **POC Website:**

## Security Training Courses: Effectively Managing Transit Emergencies

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### *Additional Comments*

Comments:

## Security Training Courses: Explosives Incident Management Seminar

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### *Course Overview*

**Federal Department/Agency:** Department of Transportation

**Sponsor:** Federal Transit Administration

**Description:** The seminar demonstrates how to prepare for and initially respond to acts of terrorism, understand how to develop procedures and implement a plan to respond to an explosives incident, and how to manage an incident and the media. Participants are trained in general security awareness in the transit environment, how to identify flaws in a facility or vehicle design, and how to discourage criminal activity. Two seminars are usually conducted at a given site: one in the afternoon of the first day and the second in the morning of the second day.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 5 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min Max

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Michael Taborn, Acting Team Leader for Security

**POC Address:** Federal Transit Administration

**POC Phone Number:** (202) 366-3526

**POC Fax Number:**

**POC Email Address:** michael.taborn@fta.dot.gov

**POC Website:**



## Security Training Courses: Explosives Incident Management Seminar

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### *Additional Comments*

Comments:

## Security Training Courses: Response to Weapons of Mass Destruction

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### *Course Overview*

**Federal Department/Agency:** Department of Transportation

**Sponsor:** Federal Transit Administration

**Description:** This course provides information on chemical/biological/nuclear terrorist incidents, current events, the nature of chemical/biological/radiological agents, and how to respond to such events in a transit environment. Internal and external resources, transit's role in responding to such incidents in the community, and the roles and cross-jurisdictional responsibilities of emergency responders are identified.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 2 days

**Instruction Type:**

**Course Location:**

**Class Size:** Min Max

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Michael Taborn, Acting Team Leader for Security

**POC Address:** Federal Transit Administration

**POC Phone Number:** (202) 366-3526

**POC Fax Number:**

**POC Email Address:** michael.taborn@fta.dot.gov

**POC Website:**

### *Additional Comments*

## Security Training Courses: Response to Weapons of Mass Destruction

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Comments:

## Security Training Courses: Transit Explosives Incident Management Seminar

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### *Course Overview*

**Federal Department/Agency:** Department of Transportation

**Sponsor:** Federal Transit Administration

**Description:** The seminar demonstrates how to prepare for and initially respond to acts of terrorism, understand how to develop procedures and implement a plan to respond to an explosives incident, and how to manage an incident and the media. Participants are trained in general security awareness in the transit environment, how to identify flaws in a facility or vehicle design, and how to discourage criminal activity. Two seminars are usually conducted at a given site: one in the afternoon of the first day and the second in the morning of the second day.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 5 hours

**Instruction Type:**

**Course Location:**

**Class Size:** Min Max

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Michael Taborn, Acting Team Leader for Security

**POC Address:** Federal Transit Administration

**POC Phone Number:** (202) 366-3526

**POC Fax Number:**

**POC Email Address:** michael.taborn@fta.dot.gov

**POC Website:**

## Security Training Courses: Transit Explosives Incident Management Seminar

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### *Additional Comments*

Comments:

## Security Training Courses: Transit System Security

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### *Course Overview*

**Federal Department/Agency:** Department of Transportation

**Sponsor:** Federal Transit Administration

**Description:** Participants are given the knowledge and tools to develop a system security program plan and implement that program. They will be taught to use resources to reduce crime and improve passenger and employee security. The course provides participants with a uniform format for development and implementation of security policies and procedures through a system security program plan which focuses on crime prevention. Included are basic security terms, the five steps for threat and vulnerability identification, and the resolution process. The course addresses security in system planning design and construction; agency policies and procedures; managing special security issues; and various types of transit security staffing. The system security program plan provides for mobilization of transit and other public safety resources in the event of a critical incident to assure a rapid, controlled, and predictable response and resolution.

**Objectives:**

### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Operations

**Pre-requisites:**

### *Course Details*

**Course Length:** 4-5 days

**Instruction Type:**

**Course Location:**

**Class Size:** Min Max

**Cost to Participant:**

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

## Security Training Courses: Transit System Security

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**POC Name:** Michael Taborn, Acting Team Leader for Security

**POC Address:** Federal Transit Administration

**POC Phone Number:** (202) 366-3526

**POC Fax Number:**

**POC Email Address:** michael.taborn@fta.dot.gov

**POC Website:**

### ***Additional Comments***

**Comments:**

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***Environmental Protection  
Agency***



## Emergency Response to Hazardous Materials Incidents

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### *Course Overview*

**Federal Department/Agency:** Environmental Protection Agency

**Sponsor:** Environmental Protection Agency

**Description:** This course provides emergency response personnel, primarily firefighters, police officers, and emergency medical services personnel, with the information and skills needed to recognize, evaluate, and control an incident involving the release, or potential release, of hazardous materials. It is intended for members of hazardous materials response teams. The focus of the course is on recognizing and evaluating a hazardous materials incident, organizing the response team, protecting response personnel, identifying and using response resources, implementing basic control measures, refining decision-making skills, and protecting the public. Topics that are discussed include safety plans and standard operating procedures, chemical and physical properties of hazardous materials, incident command, size-up strategy and tactics, containment and confinement of materials, levels of protection, chemical protective clothing, direct-reading instruments, and decontamination. Instructional methods used are lectures, class problem-solving sessions, and field exercises. Emphasis is on the hands-on use of equipment to apply lecture information in a practical manner. Participants will wear self-contained breathing apparatus (SCBA) fully-encapsulating suits and chemical splash suits.

**Objectives:**

- To learn how to select and use the appropriate personal protective equipment for responding to an incident involving hazardous materials.
- To learn to develop and implement procedures for the effective decontamination of emergency response personnel.
- To learn to utilize air monitoring instruments to evaluate the hazards present at a hazardous materials incident.
- To learn to utilize the Incident Command System to effectively manage an incident involving the release of hazardous materials.
- To learn to utilize size-up techniques to develop strategies and select the appropriate tactics for mitigating a hazardous materials incident.
- To learn confinement and containment techniques to control the release of a hazardous environment.

## Emergency Response to Hazardous Materials Incidents

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### *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement

**Performance Level:** Awareness, Command, Operations, Technician

**Pre-requisites:** A medical evaluation in accordance with the Respiratory Protection Standard, 29 CFR 1910.134 is necessary in order to participate in this course.

### *Course Details*

**Course Length:** 5 days

**Instruction Type:** Classroom

**Course Location:** Other : Course location is not facility dependent but several classrooms/exercise areas are needed.

**Class Size:** Min Max 30

**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Bruce Potoka

**POC Address:** Environmental Response Training Program, U.S. EPA 26 W. Martin Luther King Drive (B-3), Cincinnati, OH 45268

**POC Phone Number:** (513) 569-7537

**POC Fax Number:**

**POC Email Address:** potoka.bruce@epa.gov

**POC Website:**

### *Additional Comments*

**Comments:** Note: A medical evaluation in accordance with the Respiratory Protection Standard, 29 CFR 1910.134 is necessary in order to participate in this course. Each student must include with his/her registration a letter from his/her supervisor or a copy of a medical certificate that clearly states that a medical evaluation has been completed and that the student is medically able to wear respiratory protection equipment. Registration will not be complete nor will confirmation be sent until such proof is received

## **Emergency Response to Hazardous Materials Incidents**

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by the E RTP Registrar. If registration is done online, fax a copy of the document to the E RTP Registrar at 513-251-4137.

## Hazardous Materials Incident Response Operations (165.5)

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### *Course Overview*

<b>Federal Department/Agency:</b>	Environmental Protection Agency
<b>Sponsor:</b>	Environmental Protection Agency
<b>Description:</b>	This course is designed for personnel involved with the investigation and remediation of uncontrolled hazardous waste sites. It provides the basic information needed to meet the training requirements of 29 CFR 1910.120 (Hazardous Waste Operations and Emergency Response) for hazardous waste site workers.
<b>Objectives:</b>	<p>To identify methods and procedures for recognizing, evaluating, and controlling hazardous substances.</p> <p>To identify concepts, principles, and guidelines to protect site or response personnel.</p> <p>To facilitate discussion of regulations and action levels to ensure health and safety of workers.</p> <p>To facilitate discussion of fundamentals needed to develop organizational structure and SOP's.</p> <p>To learn to select and to use dermal and respiratory equipment.</p> <p>To demonstrate the use, calibration, and limitations of direct-reading air monitoring equipment.</p>

### *Audience*

<b>Function/Area:</b>	Emergency Management, Emergency Operations, Emergency Medical, Fire, Hazardous Materials, Incident Command, Law Enforcement
<b>Performance Level:</b>	Awareness, Operations, Technician
<b>Pre-requisites:</b>	A medical evaluation in accordance with the Respiratory Protection Standard, 29 CFR 1910.134 is necessary in order to participate in this course.

### *Course Details*

<b>Course Length:</b>	5 days
<b>Instruction Type:</b>	Classroom
<b>Course Location:</b>	Other : Course location is not facility dependent. But several classrooms/exercise areas are needed.
<b>Class Size:</b>	Min Max
<b>Cost to Participant:</b>	None

## Hazardous Materials Incident Response Operations (165.5)

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**Certificate:**

***Eligibility and Enrollment***

**Registration Information:** Call or e-mail Point of Contact (POC).  
**POC Name:** Bruce Potoka  
**POC Address:** Environmental Response Training Program, U.S. EPA 26 W. Martin Luther King Drive (B-3), Cincinnati, OH 45268  
**POC Phone Number:** (513) 569-7537  
**POC Fax Number:**  
**POC Email Address:** potoka.bruce@epa.gov  
**POC Website:**

***Additional Comments***

**Comments:** Participants will wear fully encapsulating suits and chemical splash gear. NOTE: a medical evaluation in accordance with the Respiratory Protection Standard, 29 CFR 1910.134 is necessary in order to participate in this course. Each student must include with his/her registration a letter from his/her supervisor or a copy of a medical certificate that clearly states that a medical evaluation has been completed and that the student is medically able to wear respiratory protection. Registration will not be complete nor will confirmation be sent until such proof is received by the ERTTP Registrar. If registration is done online, fax a copy of the document to the ERTTP Registrar at 513-251-4137.

# Radiation Safety

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## *Course Overview*

**Federal Department/Agency:** Environmental Protection Agency

**Sponsor:** U.S. Environmental Protection Agency

**Description:** This introductory level course is designed to provide participants with an overview and basic understanding of the fundamental principles of radiation safety, and provide guidance on EPA radiation response resources for site work involving radioactive materials. This course is intended for environmental professionals who are not health physicists or other radiation safety specialists, but require a basic knowledge and understanding of radiation safety. Participants who are responsible for reviewing and discussing radiological issues will benefit from this course. Topics that are discussed include fundamental concepts of atomic structure, radiation, and radioactive decay; methods and characteristics of radiation interaction with matter; radiation dose limits and basic methods to control radiation exposures, biological effects of radiation; and EPA radiation response resources. Length: 1 day.

**Objectives:**

- Identify regulations, standards, and guidance pertaining to personnel engaged in radiological field work.
- Identify radiation response resources
- Identify information needed for decision making
- Perform simple radioactive decontamination
- Provide basic terminology and principles of radiation
- Use basic radiological instruments

## *Audience*

**Function/Area:** Emergency Management, Emergency Operations, Emergency Medical, Hazardous Materials, Interdisciplinary, Public Health, Public Works

**Performance Level:** Awareness, Operations

**Pre-requisites:** None

## *Course Details*

**Course Length:** 3 days

**Instruction Type:** Classroom

**Course Location:** Other : Offered throughout United States

**Class Size:** Min Max 30

## Radiation Safety

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**Cost to Participant:** None

**Certificate:**

### *Eligibility and Enrollment*

**Registration Information:** Call or e-mail Point of Contact (POC).

**POC Name:** Bruce Potoka

**POC Address:** Environmental Response Training Program, U.S. EPA 26 W. Martin Luther King Drive (B-3), Cincinnati, OH 45268

**POC Phone Number:** (513) 569-7537

**POC Fax Number:**

**POC Email Address:** potoka.bruce@epa.gov

**POC Website:**

### *Additional Comments*

**Comments:** Does not address chemical/biological agents. Course is immediately available





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## APPENDIX A

### Acronyms

ACE	Academy of Counter-Terrorist Education (LSU/NDPC)
ACGIH	American Conference of Governmental Industrial Hygienists
ACTFAST	Agent Characteristics and Toxicology First Aid and Special Treatment (FEMA / CSEPP)
AFB	Air Force Base
AFIP	Armed Forces Institute of Pathology
AFRRI	Armed Forces Radiobiology Research Institute
AHRQ	Agency for Healthcare Research and Quality (DHHS)
ALARA	As Low As Reasonably Achievable
ALS	Advanced Life Support
AMC	(U.S.) Army Materiel Command
APR	Air Purifying Respirator
ARC	American Red Cross
ARG	Accident Response Group (DOE)
ARIO	Advanced Radiation Incident Operations
ATSDR	Agency for Toxic Substance and Disease Registry (USPHS)
ATTN	Attention
BATF	Bureau of Alcohol, Tobacco, and Firearms
BDC	Bomb Data Center (FBI)
BJA	Bureau of Justice Assistance (DOJ)
BLS	Basic Life Support
BNICE	Biological, Nuclear/Radiological, Incendiary, Chemical, and Explosive
BW	Biological Warfare
C / B	Chemical / Biological
C/B-RRT	Chemical/Biological-Rapid Response Team (DoD)
C2	Command and Control
CAIRA	Chemical Accident/Incident Response and Assistance
CBC	Clara Barton Center & trade; (for Domestic Preparedness)
CBCT	Chemical/Biological Countermeasures Training
CBIRF	Chemical Biological Incident Response Force (U.S. Marine Corps)
CBRN	Chemical, Biological, Radiological, and Nuclear
CBT	Computer-Based Training
CDC	Centers for Disease Control (DHHS)

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CDP	Center for Domestic Preparedness (NDPC)
CERT	Community Emergency Response Team
CEU	Continuing Education Units
CFR	Code of Federal Regulations
CIRG	Critical Incident Response Group (FBI)
CM	Crisis Management
CME	Continuing Medical Education
CMU	Crisis Management Unit, CIRG (FBI)
CNU	Crisis Negotiations Unit, CIRG (FBI)
COBRA	Chemical, Ordnance, Biological, Radiological
CoMNET	Consequence Management, News Equipment, and Training
CONUS	Continental United States
CREST	Community Response Emergency Simulation Training
CSEPP	Chemical Stockpile Emergency Preparedness Program (FEMA)
CST	Civil Support Team (National Guard), (Formerly RAID - Rapid Assessment and Initial Detection)
CT	Counterterrorism
CU	Weapons of Mass Destruction Countermeasures Unit (FBI)
DA	Department of the Army
DCO	Disaster Coordinating Office
DEP	Department of Environmental Protection
DEQ	Department of Environmental Quality
DEST	Domestic Emergency Support Team
DFO	Disaster Field Office
DHHS	Department of Health and Human Services
DHRD	Division of Human Resource Development (DHHS/FDA)
DMAT	Disaster Medical Assistance Team (DHS/FEMA)
DMORT	Disaster Mortuary (Response) Team (DHS/FEMA)
DNWS	Defense Nuclear Weapons School
DOA	Department of Agriculture
DoD	Department of Defense
DOE	Department of Energy
DOJ	Department of Justice
DOS	Department of State
DOT	Department of Transportation

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DPETAP	Domestic Preparedness Equipment Technical Assistance Program
DPP	Domestic Preparedness Program
DPW	Department of Public Works
EALs	Emergency Action Levels
EM	Emergency Management
EMA	Emergency Management Agency
EMI	Emergency Management Institute (FEMA)
EMIS	Emergency Management Information System (FEMA/CSEPP)
EMS	Emergency Medical Support / Emergency Medical Services
EMT	Emergency Medical Technician
EOC	Emergency Operations Center
EOD	Explosive Ordnance Disposal
EOP	Emergency Operating Plan
EPA	Environmental Protection Agency
EPC	Evidence-based Practice Center (Johns Hopkins)
ER	Emergency Room
ERCs	Education and Research Centers (DHHS/NIOSH)
ERT	Environmental Response Team (EPA) / Evidence Response Team (FBI)
ERT: BC	Emergency Response to Terrorism: Basic Concepts
ERT: SS	Emergency Response to Terrorism: Self-Study
ESF	Emergency Support Function
EU	Explosives Unit, BDC (FBI)
FAA	Federal Aviation Administration
FBI	Federal Bureau of Investigation (DOJ)
FCO	Federal Coordinating Officer
FDA	Food and Drug Administration (DHHS)
FEMA	Federal Emergency Management Agency
FRP	Federal Response Plan
FY	Federal Year
GB	Sarin
HAZMAT /	Hazardous Materials
HazMat	
HAZWOPER	Hazardous Waste Operations and Emergency Response
HEPA	High Efficiency Particulate Air (Filter)
HHS	Health and Human Services

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HMRT	Hazardous Materials Response Team
HMRU	Hazardous Materials Response Unit (FBI)
HQ	Headquarters
HRSA	Health Resources and Services Administration (DHHS)
HRT	Hostage Rescue Team, CIRG (FBI)
IAFC	International Association of Fire Chiefs
IC	Incident Command / Incident Commander
ICP	Incident Command Post
ICS	Incident Command System
IED	Improvised Explosive Device
IEMS	Integrated Emergency Management System
IND	Improvised Nuclear Device
JIC	Joint Information Center
JOC	Joint Operations Center
JTF	Joint Task Force
JTTF	Joint Terrorism Task Force
LFA	Lead Federal Agency
LSU	Louisiana State University (NDPC)
MACC	Multi-Agency Coordination Center
MATF	Multi-Agency Task Force
MEIR	Medical Effects of Ionizing Radiation
MERS	Mobile Emergency Response System (FEMA)
MMRS	Metropolitan Medical Response System (Formerly MMST - Metropolitan Medical Strike Team)
MSDS	Material Safety Data Sheets
NAERG	North American Emergency Response Guidebook (DOT)
NBC	Nuclear, biological and chemical
NDMS	National Disaster Medical System
NDPC	National Domestic Preparedness Consortium
NDPO	National Domestic Preparedness Office
NERRTC	National Emergency Response and Rescue Training Center (TEEX/NDPC)
NEST	Nuclear Emergency Search Team (DOE)
NFA	National Fire Academy (FEMA)
NFPA	National Fire Protection Association
NGB	National Guard Bureau

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NICI	National Interagency Civil-Military Institute
NIH	National Institutes of Health
NIOSH	National Institute for Occupational Safety and Health (DHHS)
NMRI	U.S. Naval Medical Research Institute
NMRT	National Medical Response Team (USPHS)
NMT	New Mexico Tech (NDPC)
NPSP	National Pharmaceutical Stockpile Program (CDC)
NSA	National Sheriffs' Association
NSF	National Strike Force (USCG)
NTS	Nevada Test Site (NDPC)
NTSB	National Transportation Safety Board
OCONUS	Outside the Continental United States
ODP	Office of Domestic Preparedness (DOJ)
OEM	Office of Emergency Management
OEP	Office of Emergency Preparedness (DHHS)
OJP	Office of Justice Programs
OPSEC	Operational Security
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
OTSG	U.S. Army Office of the Surgeon General (USAMRIID)
PAGs	Protective Action Guides
PAO	Public Affairs Officer
PAR	Protective Action & Reentry
PBA	Pine Bluff Arsenal (NDPC)
PHS	(U.S) Public Health Service
PHTN	Public Health Training Network (CDC)
PIO	Public Information Officer
POC	Point of Contact
PPE	Personal Protective Equipment
RAC3	Radiological Accident Command Control and Coordination
RACES	Radio Amateur Civil Emergency Support
RAM	Radioactive Material
RAP	Radiological Assistance Program (DOE)
RDD	Radiological Dispersal Device
REAC/TS	Radiation Emergency Assistance Center and Training Site (DOE)

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RERO	Radiological Emergency Response Operations
RERT	Radiological Emergency Response Team (EPA)
RETOPS	Radiological Emergency Team Operations
ROC	Regional Operations Center (FEMA)
RRT	Regional Response Team
RTF	Responder Task Force
SAA	State Administering Agency
SAC	Special Agent-In-Charge (FBI)
SAMHSA	Substance Abuse and Mental Health Services Administration (DHHS)
SBCCOM	U.S. Army Soldier and Biological Chemical Command
SCBA	Self-Contained Breathing Apparatus
SIOC	Strategic Information and Operations Center (FBI)
SOPs	Standing Operating Procedures
SWAT	Special Weapons and Tactics
TAV	Technical Assistance Visit (DPETAP/NDPC)
TEEX	Texas Engineering and Extension Service (NDPC)
TEU	Technical Escort Unit (U.S. Army)
TTT	Train the Trainer
U.S.	United States
UC	Unified Command
US&R	Urban Search and Rescue (FEMA)
USAMRICD	United States Army Medical Research Institute of Chemical Defense
USAMRIID	United States Army Medical Research Institute of Infectious Diseases
USFA	United States Fire Administration
USFS	United States Forest Service
USSS	United States Secret Service
VA	Veterans Administration
VMAT	Veterinary Medical Assistance Team (DHS/FEMA)
VOAD	Volunteer Organizations Assisting in Disasters
WMD	Weapons of Mass Destruction
WMD/T	Weapons of Mass Destruction/Terrorism
WMDOU	Weapons of Mass Destruction Operations Unit (FBI)

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## APPENDIX B

### Links to the websites of all the agencies represented in the Compendium

The following websites provide supplemental information related to those courses or sponsoring agencies specifically listed in the Federal Compendium.

#### Department of Defense

- U.S. Army Medical Research Institute of Infectious Diseases:  
<http://www.usamriid.army.mil/education/index.html> and <http://ccc.apgea.army.mil/>
- National Interagency Civil-Military Institute: <http://www.nici.org/>
- Armed Forces Radiobiology Research Institute (AFRRI)/USUHS: <http://www.afri.usuhs.mil/>
- Defense Nuclear Weapons School (DNWS): [http://www.dtra.mil/cs/dnws/cs\\_site\\_index.html](http://www.dtra.mil/cs/dnws/cs_site_index.html)
- U.S. Army Soldier and Biological Chemical Command: <http://hld.sbccom.army.mil/>

#### Department of Energy

- Oak Ridge Institute for Science and Education: <http://www.ornl.gov/orise/training.htm> and  
<http://www.ornl.gov/reacts/courses.htm>
- Emergency Operations Training Academy: <http://www.eota.doe.gov/>
- Transportation Emergency Preparedness Program (TEPP):  
<http://www.em.doe.gov/otem/program.html>

#### Department of Health and Human Services

- National Institute for Occupational Safety and Health (NIOSH): <http://www.niosh-erc.org/>
- Agency for Healthcare Research and Quality (AHRQ): <http://www.bioterrorism.uab.edu/>
- Public Health Practice Program Office (PHPPPO/CDC): <http://www.phppo.cdc.gov/training.asp>
- DHHS/CDC/National Immunization Program: <http://www.cdc.gov/nip/ed/default.htm> and  
<http://www.samhsa.gov/cmhs/EmergencyServices>

#### Department of Justice

- Office of Justice Programs: <http://www.ojp.usdoj.gov/odp/>
- Government Education and Training Network (GETN): <http://www.dlnets.com/telereg.htm>
- Texas Engineering Extension Service, Domestic Preparedness Campus:  
<http://www.teex.com/campus>

#### Federal Emergency Management Agency

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- Chemical Stockpile Emergency Preparedness Program (CSEPP):  
<http://cseppweb-emc.ornl.gov/TRAINDocumentation.html>
  - Emergency Management Institute: <http://www.training.fema.gov/EMIWeb/>
  - National Fire Academy: <http://www.usfa.fema.gov/dhtml/fire-service/nfa-train.cfm>

**Environmental Protection Agency**

- Environmental Response Training Program: <http://www.mng-ltd.com/ert/train.htm>

**Department of Transportation**

- Federal Transit Administration: <http://transit-safety.volpe.dot.gov/Training/CourseListing.asp>