



# Catalog of Federally Sponsored Counter-IED Training and Education Resources for State, Local, Tribal, & Territorial Partners

National Protection and Programs Directorate (NPPD)  
Office of Infrastructure Protection (IP)  
Office for Bombing Prevention (OBP)

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**Homeland  
Security**



This product was developed in coordination with the Joint Program Office for Countering Improvised Explosive Devices (JPO C-IEDs)

## Introduction

The *Catalog of Federally Sponsored Counter-IED Training and Education Resources for State, Local, Tribal, and Territorial (SLTT) Partners* list explosives and IED-related Federal resources of value to SLTT partners. The Catalog was developed by the [Department of Homeland Security \(DHS\) Office for Bombing Prevention \(OBP\)](#) in collaboration with Federal interagency partners through the Joint Program Office for Countering Improvised Explosive Devices (JPO C-IED). The JPO C-IED is responsible for coordinating the implementation of the recently updated [U.S. Policy for Countering IEDs](#). The resources in this Catalog support goals and capabilities outlined in the revised policy and are intended to enhance the effectiveness of U.S. counter-IED efforts, including:

- Enhancing the ability to deter, detect, and prevent IEDs before threats become imminent.
- Ensuring that protection and response efforts effectively neutralize or mitigate the consequences of attacks that do occur.
- Leveraging and integrating a “whole-of-government” approach across law enforcement, diplomatic, homeland security, and military disciplines.
- Promoting and enhancing information sharing and cooperation between all levels of the Federal government and SLTT partners.

The Catalog identifies training and education resources that are provided directly by the Federal Government or are federally sponsored but delivered by a partner organization, such as the National Domestic Preparedness Consortium. These resources may also be listed in other catalogs maintained by individual Federal agencies or partner organizations. Courses included within this Catalog will be periodically updated to ensure accuracy and applicability.

## Organization

The resources in this Catalog are organized by course level, following the format of Federal Emergency Management Agency (FEMA) [National Training and Education Division \(NTED\) course catalogs](#). Courses are listed at the **awareness**, **performance**, and **management** levels to accommodate different job functions within the stakeholder community.

- **Awareness-level** courses are designed for stakeholders who require the skills to recognize and report a potential IED incident or who are likely to witness or investigate an event involving the use of hazardous and/or explosive devices.
- **Performance-level** courses are designed for stakeholders who perform tasks during the initial response to an IED event.
- **Management-level** courses are designed for resource managers and/or decision-makers who develop plans and coordinate the prevention of, or response to, an IED event.

Within each course level, the resources are organized alphabetically.

## Core Capabilities

The Catalog’s holdings align with the five mission areas and corresponding core capabilities outlined within the [National Preparedness Goal](#). The chart below illustrates the mission areas and core capabilities, including the three core capabilities common to all mission areas.

Prevention	Protection	Mitigation	Response	Recovery
Planning	Planning	Planning	Planning	Planning
Public Information and Warning	Public Information and Warning	Public Information and Warning	Public Information and Warning	Public Information and Warning
Operational Coordination	Operational Coordination	Operational Coordination	Operational Coordination	Operational Coordination
Intelligence and Information Sharing	Intelligence and Information Sharing	Community Resilience	Critical Transportation	Economic Recovery
Interdiction and Disruption	Interdiction and Disruption	Long-term Vulnerability Reduction	Environmental Response/ Health and Safety	Health and Social Services
Screening, Search, and Detection	Screening, Search, and Detection	Risk and Disaster Resilience Assessment	Fatality Management Services	Housing
Forensics and Attribution	Access Control and Identity Verification	Threat and Hazard Identification	Infrastructure Systems	Infrastructure Systems
	Cybersecurity		Mass Care Services	Natural and Cultural Resources
	Physical Protective Measures		Mass Search and Rescue Operations	
	Risk Management for Protection Programs and Activities		On-scene Security and Protection	
	Supply Chain Integrity and Security		Operational Communications	
			Public and Private Services and Resources	
			Public Health and Medical Services	
			Situational Assessment	

## Training and Resource Delivery

Method of delivery for the training and resources identified in the Catalog follow a model adapted from the FEMA NTED course catalogs. Training is delivered to qualified participants in four ways:

1. **Document:** Training and/or guidance is provided in a document resource.
2. **Residential:** Training and/or guidance occurs at the training provider's facility.
3. **Mobile:** Training and/or guidance occurs at or near the location of the agency that requests the training.
4. **Web-Based:** Training and/or guidance is self-paced and delivered via computer and Internet connection.

### **Cost/Funding Source for Resources**

There are three options for paying for resources:

1. **Federally Funded:** There is no cost to the requesting organization; providers pay all costs.
2. **Homeland Security Grant Program:** The requesting organization must pay for its participants' costs, but costs are allowable using Homeland Security Grants.
3. **Participant Fee:** The requesting organization pays for its participants' costs.

Participants should contact the training or resource provider with any questions about funding.

### **Catalog Updates or Questions**

Please contact U.S. Department of Homeland Security (DHS) Office for Bombing Prevention (OBP) at [OBP@hq.dhs.gov](mailto:OBP@hq.dhs.gov) should you have any questions, revisions, or course updates related to this catalog.

# Course Listings

Course Name	Course Provider	Page
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## Course Details

### Awareness-Level Courses

#### Blast Injury Fact Sheets

Centers for Disease Control and Prevention (CDC), in collaboration with the Terrorism Injuries: Information, Dissemination and Exchange (TIIDE) partners and with leadership from America Trauma Society, has developed 17 topic-specific fact sheets on the treatment of blast injuries. Fact sheet topics range from blast lung and blast abdomen to the treatment of pediatric and older adult populations. The fact sheets have been disseminated both nationally and internationally as part of mass casualty response efforts.

**Mission Area:** Response

**Core Capability:** Mass Care Services

**Course Level:** Awareness

**Targeted Audience:** Emergency medical services and health care providers

**Course Provider:** CDC

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** American College of Emergency Physicians (ACEP)

**Prerequisites:** None

**Course Length:** N/A

**To Schedule:**

<http://emergency.cdc.gov/masscasualties/blastinjuryfacts.asp>

#### Bomb-Making Materials Awareness Program (BMAP)

BMAP is an outreach initiative, developed in partnership with the FBI, to increase public and private sector awareness of home-made explosives (HME) by promoting private sector point-of-sale awareness and suspicious activity reporting to prevent misuse of explosive precursor chemicals, powders, and components commonly used in IEDs. BMAP training is designed for first responders responsible for counterterrorism outreach to build knowledge of IED threats, HMEs, and bomb-making materials. The course also provides guidance and materials to help participants conduct outreach to industries and businesses within

their jurisdiction in order to strengthen prevention opportunities by building a network of vigilant and informed private sector partners who serve as the Nation's counter-IED "eyes-and-ears."

**Mission Area:** Prevention

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

**Course Level:** Awareness

**Targeted Audience:** SLTT first responders

**Course Provider:** DHS/IP/OBP

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** DHS

**Prerequisites:** None

**Course Length:** 8 hours

**For More Information:**

[http://www.dhs.gov/bombing-prevention-training-courses#BMAP Training](http://www.dhs.gov/bombing-prevention-training-courses#BMAP%20Training)

**To Schedule:**

Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

#### Level 1: CBRNE Awareness

Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) training is for all levels of emergency response personnel, Office of Emergency Manufacturer (OEM) staff, police, fire, and emergency medical services (EMS) and municipal officials. This course is entry level and is considered an add-on to the Hazardous Materials (HM) Awareness program. Individuals who do not have the HM Awareness would benefit from the program.

**Mission Area:** Response

**Core Capability:** Situational Assessment

**Course Level:** Performance

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, health care providers, law enforcement, and public works

**Course Provider:** State of New Jersey

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** N/A

**To Schedule:**

**Contact:** Michael Smith

**Phone:** 609.584.4000 Ext. 4

**Email:** [michael.smith@ohsp.state.nj.us](mailto:michael.smith@ohsp.state.nj.us)

## Level 2: CBRNE Operations

Training for those persons who, in the course of their duties, will take appropriate defensive actions at a HAZMAT/CBRNE scene in order to identify, confine and contain materials, and perform initial site assessment. Recognition of problems and advanced defensive actions that will require personal protective clothing is addressed. Terminology, reference sources, protective clothing and equipment, and basic decontamination are taught. In addition, the course includes training for measures that can be taken to assist the hazardous material response team prior to their arrival.

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, health care providers, law enforcement, and public works

**Course Provider:** State of New Jersey

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** N/A

**To Schedule:**

**Contact:** Michael Smith

**Phone:** 609.584.4000 Ext. 4

**Email:** [michael.smith@ohsp.state.nj.us](mailto:michael.smith@ohsp.state.nj.us)

## "Check It!"

Designed to raise the level of awareness for front-line facility employees by highlighting the indicators of suspicious activity, this video provides information to help employees properly

search bags in order to protect venues and patrons across the country.

**Mission Area:** Prevention; Protection

**Core Capability:** Public Information and Warning; Screening, Search, and Detection

**Course Level:** Awareness

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** 8 minutes

**To View:**

[http://www.dhs.gov/xlibrary/videos/nppd\\_bag\\_c heck\\_042810.wmv](http://www.dhs.gov/xlibrary/videos/nppd_bag_c heck_042810.wmv)

## Fundamentals of Explosives

This course examines the chemistry of explosives, the physics of detonation waves and their initiation, and the issues involved in safe handling and characterizing explosives. Explosive output and coupling to surroundings, with specific application to structural response, will be discussed. We will address terrorist bombings; the gathering, analysis, and interpretation of evidence; improvised explosives; and explosive detection. Lecturers are internationally known experts.

**Mission Area:** Prevention

**Core Capability:** Forensics and Attribution

**Course Level:** Awareness

**Targeted Audience:** Academics, SLTT, Federal law enforcement, private sector, and bomb technicians

**Course Provider:** DHS Center of Excellence in Explosives, University of Rhode Island

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** 24 hours

**To Schedule:**

<http://energetics.chm.uri.edu/node/14>

## IED Counterterrorism Workshop

This workshop enhances the participant's understanding of the IED threat, surveillance detection methods, and soft target awareness. The workshop also covers awareness and prevention measures, as well as collaborative information-sharing resources to enable first responders and critical infrastructure owners, operators, and security staff to deter, prevent, detect, and protect against the illicit and terrorist use of explosives in the United States.

**Mission Area:** Prevention

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

**Course Level:** Awareness

**Targeted Audience:** SLTT first responders and public and private sector critical infrastructure owners and operators and security personnel

**Course Provider:** DHS/IP/OBP

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** DHS

**Prerequisites:** None

**Course Length:** 8 hours

### For More Information:

<http://www.dhs.gov/bombing-prevention-training-courses#IED Counterterrorism>

### To Schedule:

Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

## Improvised Explosive Device Threat Awareness and Detection

This course focuses on identifying improvised explosive devices (IEDs). The training provides awareness-level information for staff, management, and security to recognize, report, and react to unusual activities and threats in a timely manner.

**Mission Area:** Prevention; Protection

**Core Capability:** Public Information and Warning

**Course Level:** Awareness

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP/OBP

**Delivery Mechanism:** Virtual (instructor-led)

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** 1 hour

### To Schedule:

Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

## Improvised Explosive Devices, Package Inspection and Mail Room Procedures

This course was designed to be delivered in four configurations and can be delivered in a one-, two-, or three-day course based upon the needs of the course participant. Section one can also be a standalone course delivered in one day.

The first section provides Emergency Responders and Private Sector Security Professionals with a basic knowledge of explosives, IEDs, and booby traps; how to recognize them; and what to do when they encounter them. In addition, responders and Security Professionals are taught how to recognize suspicious packages, package and mail handling procedures, and what to do when they encounter a suspicious package. Lastly, they are taught about bomb threats, from receipt, to clearing the bomb threat. Section one is a prerequisite to section two and section three.

The second section of the course focuses on Vehicle-Borne Improvised Explosive Devices and relies upon the basic concepts taught during the first section of the course. This section provides case studies of VBIEDs, including the attack on the Alfred P. Murrah Building in Oklahoma City; VBIED construction and indicators; vehicle search techniques and procedures; and a practical exercise.

The third section of the course, also reliant upon the concepts taught during the first section, focuses on using x-ray technology to recognize suspicious items and improvised explosive devices. This section provides an overview of x-ray technology; images produced by x-ray;

recognition of typical construction of items that will commonly be x-rayed, such as laptop computers, cell phones, cameras, GPS, and music players; and images that suggest indicators of an IED. Several practical exercises using the participant's x-ray technology, when the course is held onsite, or slides, when held in a facility that does not have access to x-ray technology, are also included.

**Mission Area:** Prevention

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

**Course Level:** Awareness

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, governmental administrative, hazardous material, health care, law enforcement, public health, public safety communications, public works, and other state, local, tribal, and territorial representatives

**Course Provider:** State of New Jersey

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** 8-24 hours

**To Schedule:** <http://www.ndpci.us/training/ied-training.php>

### Incident Response to Terrorist Bombings, Customized

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

**Mission Area:** Response

**Core Capability:** Operational Coordination

**Course Level:** Awareness

**Targeted Audience:** Emergency management agency, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works

**Course Provider:** New Mexico Institute of Mining and Technology

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 1.5 hours

**To Schedule:**

<http://www.emrtc.nmt.edu/training/irtb.php>

### Law Enforcement Prevention and Deterrence of Terrorist Acts

This course trains law enforcement personnel on actions they can take to prevent, deter, and respond to terrorist acts. The law enforcement officer is part of the front-line defense in preventing and deterring WMD terrorist incidents where the release of WMD agents is likely to occur because of criminal actions. The nature of law enforcement officers' daily work environment provides them with an enhanced understanding of the community, providing law enforcement officers with a unique opportunity to prevent or deter potential WMD terrorist incidents.

The course addresses awareness-level functions associated with WMD recognition, prevention, and deterrence applications for law enforcement officers. Subject areas covered in the course include intelligence gathering; threat recognition; community oriented policing; counterfeit identification detection; information sharing among agencies; and chemical, biological, radiological, nuclear, and explosive (CBRNE) agents or materials that can be procured either legitimately or illegally to produce a WMD.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Awareness

**Targeted Audience:** Law Enforcement

**Course Provider:** Louisiana State University (LSU)

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 16 hours

**To Schedule:**

<http://www.ncbrt.lsu.edu/catalog/awareness/pd.aspx>

## "No Reservations: Suspicious Behavior in Hotels"

Designed to raise the level of awareness for hotel employees by highlighting the indicators of suspicious activity, this video provides information to help employees identify and

report suspicious activities and threats in a timely manner. Also available in Spanish.

**Mission Area:** Prevention; Protection

**Core Capability:** Public Information and Warning

**Course Level:** Awareness

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** 9 minutes

**To View:** <http://www.dhs.gov/video/commercial-facilities-sector-training-and-resources-13>

## Prevention of and Response to Suicide Bombing Incidents

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

**Mission Area:** Prevention

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

**Course Level:** Awareness

**Targeted Audience:** Emergency medical services, fire service, law enforcement, and public safety communications

**Course Provider:** New Mexico Institute of Mining and Technology

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 4 hours

**To Schedule:**

<http://www.emrtc.nmt.edu/training/prsbi.php>

## Retail Security Awareness - Understanding the Hidden Hazards

The purpose of this course is to make persons involved in commercial retail operations aware of the actions they can take to identify and report suspicious purchases or thefts of products that actors could use in terrorist or other criminal activities. To achieve this goal, the course provides an overview of prevention steps aimed at identifying and monitoring high-risk inventory products and reporting suspicious activities to law enforcement agencies. At the end of this course, the participants will be able to: 1) Identify steps they can take to help prevent their inventory from being used to manufacture or deploy home-made explosives; 2) Describe the importance of identifying and reporting suspicious purchases and activities in the retail sector; and 3) Specify additional actions they can take to protect their inventory from misuse or theft.

**Mission Area:** Prevention; Protection

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

**Course Level:** Awareness

**Targeted Audience:** This course is designed for retail managers, loss prevention specialists, risk management specialists, product managers, sales associates, and others involved in retail operations.

**Course Provider:** FEMA EMI

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** N/A

**Prerequisites:** None

**Course Length:** 45 minutes

**To Schedule:**

<http://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-912>

## Safeguarding Hotels from the Threat of Terrorism

Developed in collaboration with the American Hotel & Lodging Association, this training provides information on key terrorism topics with reference to actual events. The Webinar includes a high-level briefing on the threat climate for the hotel industry and specific protective measures focusing on observing and reporting suspicious activity and items. The Webinar focuses on terrorism topics including, but not limited to, lessons learned from Mumbai-style attacks, IED awareness and response, and active shooter scenarios.

**Mission Area:** Prevention; Protection

**Core Capability:** Public Information and Warning; Physical Protective Measures

**Course Level:** Awareness

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** 1 hour

**To View:** <https://share.dhs.gov/p23934518/>

## Standardized Awareness Authorized Training Program, Train-the-Trainer (SAAT TtT)

This course prepares graduates to provide instruction on suspected CBRNE events using the recognition, avoidance, isolation, and notification (RAIN) technique.

**Mission Area:** Prevention

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

**Course Level:** Awareness

**Targeted Audience:** Emergency management, emergency medical services, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

## Prerequisites:

- IS-100 Introduction to the Incident Command System or any of the available ICS-100 series  
(<http://training.fema.gov/emiweb/is/is100b.asp>)
- IS-700 National Incident Management System (NIMS), An Introduction  
(<http://training.fema.gov/EMIWeb/IS/course/Overview.aspx?code=is-700.a>)

**Course Length:** 24 hours

## To Schedule:

<https://cdp.dhs.gov/training/courses/saat>

## Standardized Awareness Training, Nonresident and Indirect Delivery

The Standardized Awareness Training (SAT) is supported by a parallel course, the Standardized Awareness Authorized Training, Train-the-Trainer (SAAT TtT) course, the purpose of which is to provide supervisors and trainers with the information and skills required to instruct the Standardized Awareness Training at their local jurisdictions. The Standardized Awareness Training covers the essentials of Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE) hazards and materials; prevention and deterrence methods; and the Emergency Response Guidebook (ERG). SAT also includes facilitated discussions, activities, and case studies. Topics in this course include Prevention and Deterrence, Identification of Hazardous Materials and the ERG, Chemical Agents, Biological Agents, Radiological Materials and Nuclear Weapons, and Explosive Devices.

**Mission Area:** Prevention

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

**Course Level:** Awareness

**Targeted Audience:** Emergency management, emergency medical services, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Non-residential, Mobile, and Indirect Delivery



**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- IS-100 Introduction to the Incident Command System or any of the available ICS-100 series (<http://training.fema.gov/emiweb/is/is100b.a.sp>)
- IS-700 National Incident Management System (NIMS), An Introduction (<http://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=is-700.a>)

**Course Length:** 8 hours

**To Schedule:**

<https://cdp.dhs.gov/training/courses/sat-2>

### Surveillance Awareness: What You Can Do

The purpose of this course is to make critical infrastructure employees and service providers aware of actions they can take to detect and report suspicious activities associated with adversarial surveillance. To achieve this goal, the course provides an overview of surveillance activities and the indicators associated with them, as well as the actions that employees and service providers can take to report potential surveillance incidents. At the end of this course, the participants will be able to identify potential targets of adversarial surveillance, describe the information obtained by surveillance that is of interest to adversaries, recognize indicators of surveillance within the everyday environment, identify actions that you can take to detect potential adversarial surveillance incidents, describe the importance of identifying and reporting suspicious activities associated with adversarial surveillance, and specify actions you can take to report potential incidents of adversarial surveillance.

**Mission Area:** Prevention; Protection

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

**Course Level:** Awareness

**Targeted Audience:** The course is designed for critical infrastructure owners and operators, employees, and service providers, as well as those with critical infrastructure protection duties and responsibilities at the State, local, tribal, and territorial levels.

**Course Provider:** FEMA EMI

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** 1 hour

**To Schedule:**

<http://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=is-914>

### Surveillance Detection Awareness on the Job

Part of the Department's "If You See Something, Say Something™" campaign to raise public awareness of potential indicators of terrorism, crime, and other threats and to emphasize the importance of reporting suspicious activity to law enforcement authorities. This free, online interactive session of video scenarios, commentary by a panel of experts, and questions and comments will better prepare participants to guard against surveillance activities.

**Mission Area:** Prevention; Protection

**Core Capability:** Public Information and Warning

**Course Level:** Awareness

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** 1 hour

**To View:** <https://share.dhs.gov/sdaware-roundtable/>

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

This course was developed to provide a web-based, cost effective alternative to previous awareness-level courses delivered in residence. This course focuses on training responders online to meet the requirements established in National Fire Protection Association (NFPA) 472, "Competencies for Awareness Level Personnel," (chapter 4) and the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910.120 (q) (6) (i) (a-f) "First Responder Awareness

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

**Mission Area:** Prevention

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

**Course Level:** Awareness

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, hazardous material, health care providers, law enforcement, public health, public safety, communications, and public works

**Course Provider:** Texas A&M Engineering Extension Service

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 4 hours

**To Schedule:**

<https://teex.org/Pages/Class.aspx?course=AWR160&courseTitle=WMD/Terrorism+Awareness+for+Emergency+Responders>

### Threat Detection & Reaction for Retail & Shopping Center Staff

This course uses case studies and best practices to explain suspicious behavior and packages, how to reduce the vulnerability to an active shooter threat, and the appropriate actions to take if employees notice suspicious activity.

**Mission Area:** Prevention; Protection

**Core Capability:** Public Information and Warning

**Course Level:** Awareness

**Targeted Audience:** This presentation is intended for point-of-sale staff, but is applicable to all employees of a shopping center, mall, or retail facility.

**Course Provider:** DHS/IP

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** 1 hour

**To View:** <https://share.dhs.gov/p21849699/>

### Understanding and Planning for School Bomb Incidents (UPSBI), AWR-132-W - Web-Based

UPSBI addresses the issues involved in school bomb threats and designing safe and effective response plans for school bomb incidents. In addition, UPSBI provides the tools and information needed to develop or assess an existing school bomb incident response plan. The course has numerous resources which include full text documents concerning school emergency management plans, the threat assessment process, planning a functional school training program, and links to FEMA online training for school administrators.

**Mission Area:** Prevention; Protection

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

**Course Level:** Awareness

**Targeted Audience:** Emergency medical services, fire service, and law enforcement

**Course Provider:** New Mexico Institute of Mining and Technology

**Delivery Mechanism:** Web-based

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 4 hours

**To Schedule:**

<http://www.emrtc.nmt.edu/training/upsbi.php>

### "What's in Store: Ordinary People/Extraordinary Events"

Designed to raise awareness for retail employees by highlighting the indicators of suspicious activity, this video provides information on identifying and reporting suspicious activity and threats at shopping centers and retail establishments.

**Mission Area:** Prevention; Protection

**Core Capability:** Public Information and Warning

**Course Level:** Awareness

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Web-based  
**Cost/Funding Source:** Federally funded  
**Prerequisites:** None  
**Course Length:** 9 minutes

**To View:** <http://www.dhs.gov/video/commercial-facilities-sector-training-and-resources-33>

### Workplace Security Awareness

This course provides guidance to individuals and organizations on how to improve the security in your workplace. No workplace—be it an office building, construction site, factory floor, or retail store—is immune from security threats that endanger the confidentiality, integrity, and security of your workplace, as well as your virtual workplace and computer systems. Employees are often the target of these threats as well as the organization's first line of defense against them. This course presents information on how employees can contribute to your organization's security. Upon completing this course, the participant will be able to: 1) Identify potential risks to workplace security; 2) Describe measures for improving workplace security; and 3) Determine the actions to take in response to a security situation.

**Mission Area:** Protection  
**Core Capability:** Screening, Search, and Detection  
**Course Level:** Awareness  
**Targeted Audience:** All private sector and public sector employees  
**Course Provider:** FEMA EMI  
**Delivery Mechanism:** Web-based  
**Cost/Funding Source:** N/A  
**Prerequisites:** None  
**Course Length:** 1 hour

**To Schedule:**  
<http://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-906>

## Performance-Level Courses

### Advanced Electronics

This course includes practical applications of advanced electronic theory and techniques for detonator diagnostics.

**Mission Area:** Prevention  
**Core Capability:** Interdiction and Disruption  
**Course Level:** Performance  
**Targeted Audience:** Hazardous Devices School (HDS)-certified bomb technicians  
**Course Provider:** FBI Hazardous Devices School  
**Delivery Mechanism:** Residential  
**Cost/Funding Source:** DOJ/FBI  
**Prerequisites:** Bomb Technician Certification Course  
**Course Length:** 40 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office  
<http://www.fbi.gov/contact-us/field>

### Advanced Explosive Trace Detection

At the conclusion of this course, participants will gain the skills they need to identify, detect, disrupt, and prevent a potential terrorist attack orchestrated by and/or involving an individual who is attempting to directly deliver an improvised explosive device into or onto a "target-rich" environment. This instruction will elevate the participant's awareness regarding possible targets within their geographic area of employment for the purpose of identifying or disrupting hostile surveillance against the individual, the facility, or the event, as well as train participants to interact effectively with individuals within a "target-rich" environment to ensure the greatest level of safety and security for all persons involved.

The participants will be better equipped to elicit information within these settings as well as adhere to established policies and procedures related to the identification and dissemination of information within the organization and local, State, and Federal law enforcement agencies,

when appropriate. Participants will be able to independently establish safe, efficient, and legally-defensible gross screening checkpoints and demonstrate the ability to deploy, utilize, and maintain explosive trace detection devices. Participants will develop plans for training and communicating with these resources, as well as establish protocols to validate information they provide and attempt to supplement the information being obtained by establishing asset networks. Participants will also develop plans for the effective, efficient, and tactical deployment of personnel to perform surveillance and counter-surveillance operations while also elevating their awareness regarding possible targets within the region for the purpose of identifying or disrupting hostile surveillance against the individual, the facility, or the event.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Law enforcement

**Course Provider:** State of New York

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant

**Prerequisites:** None

**Course Length:** N/A

**To Schedule:**

**Contact:** Mary Wrobel

**Phone:** 518.242.5003

**Email:** [mwrobel@dhses.ny.gov](mailto:mwrobel@dhses.ny.gov)

### Advanced Explosive Disposal Techniques

Bomb technicians in the United States are more likely to be killed or injured while conducting an explosives disposal operation than any other mission. In response to this need, the ATF Office of Training and Professional Development, in cooperation with the ATF Explosives Technology Branch, developed the Advanced Explosives Disposal Techniques (AEDT) training program for bomb technicians and explosives specialists. AEDT provides in depth classroom and range instruction in virtually every aspect of explosives disposal. ATF provides travel and lodging in addition to training, classroom materials, and range tools. Students are also reimbursed a daily per diem

rate as determined by GSA. The course is delivered at the National Center for Explosives Training and Research (NCETR) located at Redstone Arsenal, AL.

**Mission Area:** Response

**Core Capability:** On-scene Security and Protection

**Course Level:** Performance

**Targeted Audience:** SLTT bomb techs, explosives detection canine handlers, unit commanders, and incident commanders

**Course Provider:** ATF/National Center for Explosives Training and Research

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/ATF

**Prerequisites:** Applicant must be a full-time public safety official trained as a bomb technician whose mission includes destruction/disposal of explosive materials.

**Course Length:** 64 hours

**To Schedule:**

<http://www.atf.gov/content/explosives/explosives-enforcement/advanced-explosives-disposal-techniques-course-id-expl-cs-0001>

### Advanced Manual Techniques Course

This course teaches specialized manual skills for addressing IED threats that are assessed to be a life-threatening IED event.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Course is only available to full-time, sworn, salaried employees of a law enforcement or public safety agency who are assigned to an accredited bomb squad.

**Course Provider:** FBI Hazardous Devices School

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** Bomb Technician Certification Course

**Course Length:** 40 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

## Bomb Squad/SWAT Interoperability

The Bomb Squad/Special Weapons and Tactics (SWAT) Interoperability Course is a 10-day/80-hour course. The course covers some basic skills, tools, and situational awareness techniques that are required by a bomb tech to support a SWAT team. These skills are then brought together in a series of practical training tasks that have been designed to reinforce all previous modules. Modules covered are Basic Electronics, Threat Assessment, Manual Access and Stabilization, Detonator and Switch Diagnostics, Sensor Technology, Countering Light and Dark Sensors, Advanced X-Ray Safety Techniques, and Hostage Handling Techniques. The instruction concludes with a series of exercises with several SWAT teams that have been designed to showcase the bomb squads' capabilities.

**Mission Area:** Response

**Core Capability:** Operational Coordination

**Course Level:** Performance

**Targeted Audience:** Fire service, hazardous materials, law enforcement, and bomb technicians

**Course Provider:** State of California

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Homeland Security Grant

**Prerequisites:**

- Participants must be certified bomb technicians;
- IS-100 Introduction to the Incident Command System or any of the available ICS-100 series (<http://training.fema.gov/emiweb/is/is100b.a.sp>); and
- IS-700 National Incident Management System (NIMS), An Introduction (<http://training.fema.gov/emiweb/is/is700a.a.sp>).

**Course Length:** 80 hours

**To Schedule:**

**Contact:** Alex Cabassa

**Phone:** 916.845.8752

**Email:** [alex.cabassa@calema.ca.gov](mailto:alex.cabassa@calema.ca.gov)

## Bomb Technician Certification Course

The Bomb Technician Certification Course is a comprehensive program designed to meet the needs of civilian public safety organizations that have bomb squad responsibilities. The six-week Certification Course is offered between six and eight times per year and contains 24 students per class. Upon graduation, students are awarded a certificate of completion, along with a certification card, which identifies them as a certified bomb technician for a period of three years, after which graduates must return to the Hazardous Devices School (HDS) for recertification training. There is no fee for the course, but travel and per diem costs must be paid by the employing agency.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Course is only available to full-time, sworn, salaried employees of a law enforcement or public safety agency who are assigned to an accredited bomb squad.

**Course Provider:** FBI Hazardous Devices School

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** Hazardous Materials Technician training that meets the requirements set forth in 29 C.F.R. 1910.120(q)(6)(iii). Physical health and fitness standards are set forth in the National Guidelines for Bomb Technicians.

**Course Length:** 240 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

## Bomb Technician Recertification Course

The Bomb Technician Recertification Course is designed to test proficiency on basic bomb technician skills and knowledge, provide information and training on new technology and threats, and award an official certification based on standards set by the National Bomb Squad Commanders Advisory Board (NBSCAB).

**Mission Area:** Prevention  
**Core Capability:** Interdiction and Disruption  
**Course Level:** Performance  
**Targeted Audience:** Course is only available to full-time, sworn, salaried employees of a law enforcement or public safety agency who are assigned to an accredited bomb squad.  
**Course Provider:** FBI Hazardous Devices School  
**Delivery Mechanism:** Residential  
**Cost/Funding Source:** DOJ/FBI  
**Prerequisites:** Must be a graduate of the Bomb Technician Certification Course near the end of the 3-year certification status. Physical health and fitness standards are set forth in the National Guidelines for Bomb Technicians.  
**Course Length:** 40 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office  
<http://www.fbi.gov/contact-us/field>

### Bomb Threat Management Workshop

This workshop improves the ability of critical infrastructure owners, operators, and security personnel to manage IED threats by highlighting specific safety precautions associated with explosive incidents and bomb threats. The workshop reinforces an integrated approach that combines training, planning, and equipment acquisition to maximize available resources for bomb threat management. Public and private sector representatives knowledgeable in regional emergency management procedures are encouraged to attend.

**Mission Area:** Prevention  
**Core Capability:** Interdiction and Disruption  
**Course Level:** Performance  
**Targeted Audience:** Public and private sector critical infrastructure owners, operators, and security personnel  
**Course Provider:** DHS/IP/OBP  
**Delivery Mechanism:** Mobile  
**Cost/Funding Source:** N/A  
**Prerequisites:** None  
**Course Length:** 32 hours

**For More Information:**  
[http://www.dhs.gov/bombing-prevention-training-courses#Bomb\\_Threat](http://www.dhs.gov/bombing-prevention-training-courses#Bomb_Threat)

**To Schedule:**  
Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

### Bombings: Injury Patterns and Care

Bombings: Injury Patterns and Care is designed to provide the latest clinical information regarding blast-related injuries from terrorism.

**Mission Area:** Response  
**Core Capability:** Mass Care Services  
**Course Level:** Performance  
**Targeted Audience:** Emergency medical services and health care providers  
**Course Provider:** CDC  
**Delivery Mechanism:** Web-based  
**Cost/Funding Source:** American College of Emergency Physicians (ACEP)  
**Prerequisites:** None  
**Course Length:** 4 hours

**To Schedule:** <http://www.acep.org/blastinjury/>

### Chemical Biological Response for Bomb Technicians Course

This course teaches proper protocols and use of special equipment for a bomb technician operating in a chemical or biological threat environment.

**Mission Area:** Prevention  
**Core Capability:** Interdiction and Disruption  
**Course Level:** Performance  
**Targeted Audience:** Course is only available to full-time, sworn, salaried employees of a law enforcement or public safety agency who are assigned to an accredited bomb squad.  
**Course Provider:** FBI Hazardous Devices School personnel at the Edgewood Chemical Biological Center  
**Delivery Mechanism:** Residential  
**Cost/Funding Source:** DOJ/FBI  
**Prerequisites:** Bomb Technician Certification

Course

**Course Length:** 40 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

### Commercial Vehicle Counterterrorism Training Program (CVCTP)

The program is designed to train law enforcement officers of the terrorist trends as it relates to commercial vehicles traveling on the Nation's highways and local jurisdictions and how these vehicles are used to commit acts of terrorism, either as a weapon of mass destruction or through transportation of materials to further the cause of terrorist organizations.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Federal, State, and local law enforcement

**Course Provider:** FLETC

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** Attendance is open to Federal, State, and local law enforcement officers and agents who are assigned duties related to the enforcement of commercial motor vehicles.

**Course Length:** 28 hours

**To Schedule:** <https://www.fleetc.gov/training-program/commercial-vehicle-counterterrorism-training-program>

### Electronic Countermeasures (ECM) Course

This course focuses on electronics, radio wave theory, and specific countermeasures.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** HDS-certified bomb technicians with SECRET clearance and assigned to an accredited bomb squad where countermeasures equipment is located or used

as a regional asset.

**Course Provider:** FBI Hazardous Devices School

**Delivery Mechanism:** Residential and Web-based

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** Bomb Technician Certification Course

**Course Length:** 80 hours—40 hours of computer-based training, followed by 40 hours of in-residence training

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

### Emergency Medical Operations for CBRNE Incidents (EMO)

The Emergency Medical Operations for CBRNE Incidents (EMO) is a four-day course that prepares responders to effectively respond to a CBRNE or Mass Casualty Incident (MCI). The EMO course provides classroom lectures and extensive hands-on training, culminating in a hands-on practical exercise that allows responders to implement the emergency response knowledge and skills learned during the course.

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Emergency medical services, health care providers, and public health

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** Responders must be a State-licensed paramedic, emergency medical technician (EMT), or emergency care provider (emergency room physician or nurse).

**Course Length:** 32 hours

**To Schedule:**

<https://cdp.dhs.gov/training/courses/emo>

## Emergency Responder Hazardous Materials Technician for CBRNE Incidents (ERHM)

Emergency Responder Hazardous Materials Technician for CBRNE Incidents (ERHM) is a five-day course that provides training based on Occupational Safety and Health Administration (OSHA) standards for hazardous materials (HAZMAT) training. Participants receive hands-on training in identifying HAZMAT, using advanced surveying and monitoring equipment, selecting and using the appropriate level of personal protective equipment (PPE), and performing decontamination procedures. As an added benefit, graduates of the ERHM class are afforded the opportunity to take the Alabama Pro-Board certification exam for HAZMAT Technician certification. Also aids preparation for the International Fire Service Accreditation Congress (IFSAC) certification.

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Emergency management, emergency medical services, fire service, health care providers, law enforcement, and public works. This course is required for responders scheduled to attend the Hazardous Devices School in Huntsville, AL.

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- IS-100 Introduction to the Incident Command System or any of the available ICS-100 series (<http://training.fema.gov/emiweb/is/is100b.asp>);
- IS-700 National Incident Management System (NIMS), An Introduction (<http://training.fema.gov/emiweb/is/is700a.asp>);
- AWR-160 Standardized Awareness Training or another certified awareness training course;
- Training equivalent to HAZWOPER, 29 C.F.R. § 1910.120 (q)(6)(i) (2010) First Responder Awareness Level or NFPA 472, Chapter 4 Competencies for Awareness Level Personnel (NFPA, 2007; 2008 edition); and

- Training equivalent to HAZWOPER, 29 C.F.R. § 1910.120 (q)(6)(ii) (2010) First Responder Operations Level or NFPA 472, Chapter 5 Core Competencies for Operations Level Responders (NFPA, 2007; 2008 edition)

**Course Length:** 40 hours

**To Schedule:**

<https://cdp.dhs.gov/training/program/h>

## Fire/Arson Origin-and-Cause Investigations

This 10-day course, based on NFPA 921, addresses the technical and scientific knowledge and skills needed to conduct successful fire/arson investigations. Using a combination of classroom and practical exercises, successful methods are demonstrated for conducting science-based fire investigations that culminate, when appropriate, in prosecution for arson. Upon completion of the course, the students will be equipped to identify the origin and cause of a fire, conduct a technically and legally sound investigation, and pursue the case through the judicial system. Subjects covered include health and safety, scientific method, fire dynamics, myths and legends, investigative resources, electrical fire investigations, origin and cause, evidence collection and preservation, documenting the scene, report writing, injury and fatal fire investigation, vehicle fires, case solvability, legal considerations, and motivation, interviewing, and interrogation. The course is designed to meet or exceed the applicable sections of NFPA 1033, "Standard for Professional Qualifications for Fire Investigator."

**Mission Area:** Prevention

**Core Capability:** Forensics and Attribution

**Course Level:** Performance

**Targeted Audience:** Priority will be reserved for Federal, State, and local fire service, law enforcement personnel, and prosecutors with full-time fire/arson and explosion investigation responsibility and/or prosecution. These personnel include fire/arson investigators, State fire marshals, law enforcement personnel, criminal investigators, district/State attorney's staff, and members of arson task forces.

**Course Provider:** DHS/FEMA, U.S. Fire Administration



**Delivery Mechanism:** Residential

**Cost/Funding Source:** N/A

**Prerequisites:** ICS-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online at <http://www.usfa.fema.gov/nfa/nfaonline>. Chief's signature attests that the applicant has completed this required training. Successful completion of the following CFI Trainer modules: "Fire Investigator Scene Safety," "The Scientific Method for Fire and Explosion Investigation," "Introduction to Evidence," "Documenting the Event," "Physical Evidence at the Fire Scene," "Investigating Motor Vehicle Fires," "Introduction to Fire Dynamics and Modeling," "Investigating Fatal Fires," "Fundamentals of Residential Building Construction," and "Search and Seizure." Access to CFI Trainer is via website at [www.CFITrainer.net](http://www.CFITrainer.net). There are no costs or membership requirements to access these modules. Applicants must provide a copy of their CFI Trainer transcript along with their admissions application verifying that they have successfully completed the requisite training modules listed above.

**Course Length:** 80 hours

**To Schedule:**

<http://apps.usfa.fema.gov/nfacourses/catalog/details/38>

### Hands-On Training for CBRNE Incidents (HOT)

Hands-On Training for CBRNE Incidents (HOT) is a two-day course which affords participants the opportunity to develop and apply CBRNE incident response practices in a realistic training environment. HOT provides responders the unique opportunity to practice their knowledge and skills in the world's only toxic chemical, biological, radiological training facility dedicated solely to emergency responders—the Chemical, Ordnance, Biological, and Radiological Training Facility (COBRATF).

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Emergency management, emergency medical services, fire service,

governmental administrative, health care providers, law enforcement, public health, public safety communications, and public works. HOT is not designed for HAZMAT technicians.

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** AWR-160 Standardized Awareness Training

**Course Length:** 16 hours

**To Schedule:**

<https://cdp.dhs.gov/training/program/d>

### Hazard Assessment and Response Management for CBRNE Incidents (HARM)

Hazard Assessment and Response Management for CBRNE Incidents (HARM) is a unique course within the Center for Domestic Preparedness (CDP) curriculum in that it replicates the activation and deployment of a hazardous materials (HAZMAT) team into an active operational incident. This course challenges individuals assembled from different disciplines and geographic areas to apply their operational knowledge in support of a HAZMAT team responding to a chemical, biological, radiological, nuclear, or explosive (CBRNE) incident. Participants will arrive at the CDP in the 36th operational hour of a simulated incident and form into HAZMAT teams who will then be assigned daily rotational periods over a three-day period. All HAZMAT team members will conduct exercises in a toxic agent environment at the world's only toxic chemical/biological training facility dedicated solely to emergency responders—the Chemical, Ordnance, Biological, and Radiological Training Facility (COBRATF).

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Emergency management, emergency medical services, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- IS-100.b Introduction to ICS (<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.b>);
- IS-200.b ICS for Single Resources and Initial Action Incidents (<http://training.fema.gov/is/courseoverview.aspx?code=IS-200.b>); and
- At least one of the following within the prior 36 months:
  - PER-260 Technical Emergency Response Training for CBRNE Incidents (TERT),
  - PER-261, Hazardous Materials Technician for CBRNE Incidents (HT),
  - PER-900, Intermediate Hands-On Training for CBRNE Incidents (HOT-I), or
  - PER-262, Hands-On Training for CBRNE Incidents (HOT).

**Course Length:** 24 hours

**To Schedule:**

<https://cdp.dhs.gov/training/courses/harm>

### Hazardous Materials Technician for CBRNE Incidents (HT)

This course provides hazardous materials technical training to include the composition, action, identification, and decontamination of agents; preservation of crime scene evidence; and techniques for operating in an all-hazards environment. Culminates in a training exercise at the COBRATF.

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Emergency management, emergency medical services, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works. This course is also open to HAZMAT technicians within private industries on a space available, tuition basis.

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- HAZMAT training that meets or exceeds standards for technician-level training as outlined in 29 Code of Federal Regulations (C.F.R.) § 1910.120(q)(6)(iii);
- Currently serve as a HAZMAT technician;
- IS-100.a, Introduction to the Incident Command System or any of the other ICS-100 series courses (<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.b>);
- IS-200.a, Incident Command System for Single Resources and Initial Action Incidents or any of the other ICS-200 series courses (<http://training.fema.gov/is/courseoverview.aspx?code=IS-200.b>);
- IS-700.a, An Introduction to the National Incident Management System (NIMS) (<http://training.fema.gov/is/courseoverview.aspx?code=IS-700.a>); and
- IS-800.b, An Introduction to the National Response Framework (NRF) (<https://training.fema.gov/is/courseoverview.aspx?code=IS-800.b>).

**Course Length:** 40 hours

**To Schedule:**

<https://cdp.dhs.gov/training/program/z>

### Highway Emergency Response Specialist

Participants are provided with the knowledge and practical skills required to respond properly to emergency incidents involving various modes of highway transportation, including cargo tanks, intermodal (IM) containers, and freight vans. They will also gain knowledge in the design and construction of these highway containers and in intermediate bulk containers, cylinders, and other non-bulk packages used to transport HAZMAT. Participants are provided technical information and will participate in incident analyses of HAZMAT releases, damage assessments of highway containers, and movement and/or up righting of damaged cargo tanks. They will also perform container drilling, transfers and flaring of product, and activities to mitigate releases of HAZMAT from the various containers used in highway transportation. After receiving the curriculum and participating in the

scenario-based incidents, successful participants will be capable of overseeing and performing highway specialist activities in an emergency response to a highway incident involving HAZMAT/WMD.

**Mission Area:** Response

**Core Capability:** On-scene Security and Protection

**Course Level:** Performance

**Targeted Audience:** SLTT law enforcement and HAZMAT personnel

**Course Provider:** SERTC

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded - FEMA

**Prerequisites:** None

**Course Length:** 40 hours

**To Schedule:** <http://sertc.org/courses/hers/>

### Home-made Explosives Identification and Disposal

The objectives of the course are to expose personnel to the precursors used in the manufacture of home-made explosives (HME), the hazards of mixed or partially mixed precursor chemicals, identification for sampling of suspected chemicals, evidentiary collection, scene processing, remote methods of removing, and the safe disposal of such HME hazards.

**Mission Area:** Response

**Core Capability:** On-scene Security and Protection

**Course Level:** Performance

**Targeted Audience:** Military EOD, State and local bomb technicians, ATF certified explosives specialists, and explosives enforcement officers

**Course Provider:** ATF/National Center for Explosives Training and Research

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/ATF

**Prerequisites:** Successful completion of Hazardous Device School and ATF's AEDT. Prerequisites are waived for all military EOD.

**Course Length:** 32 hours

**To Schedule:**

<https://www.atf.gov/explosives/home-made->

[explosives-identification-process-disposal-course-id-expl-cs-0018](#)

### IED Awareness

This awareness level course teaches emergency responders (primarily law enforcement) the basic knowledge needed to identify possible person-borne and vehicle-borne explosive situations and the skills to safely and effectively address the threat. In order to accomplish this task, the participants are first taught about the properties of explosives and how these properties are harnessed into a weapon. From this point, methodologies of terrorism are discussed and how the explosive devices are used to accomplish the terrorists' goals. Law enforcement defensive and offensive measures meant to contain and resolve the threat are also brought up. How State law and department policies apply in a terrorist response are examined. Participants are taken to the bomb range where they are able to see and handle live explosives as covered in class. A demonstration of the explosive properties is conducted which reinforces the weapon potential of high and low explosives. This includes the initiation of explosives ranging from a small letter bomb to a suicide vest to emphasize the requirement for distance and shielding when dealing with a PBIED threat. This course does not cover device render safe operations.

**Mission Area:** Response

**Core Capability:** On-scene Security and Protection

**Course Level:** Performance

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works

**Course Provider:** State of Texas

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** 8 hours

**To Schedule:****Contact:** Paul Hahn Jr.**Phone:** 512.424.2039**Email:** [paul.hahn@dps.texas.gov](mailto:paul.hahn@dps.texas.gov)**IED Protective Measures Course**

This course builds awareness and understanding of the IED threat, terrorist planning cycle, and indicators of suspicious activity. Participants learn about facility vulnerability analysis, counter-IED protective measures, and strategies which can be utilized to mitigate risk and reduce vulnerabilities within their unique sectors.

**Mission Area:** Protection**Core Capability:** Physical Protective Measures**Course Level:** Performance**Targeted Audience:** SLTT first responders and public and private sector critical infrastructure owners, operators, and security personnel**Course Provider:** DHS/IP/OBP**Delivery Mechanism:** Mobile**Cost/Funding Source:** DHS**Prerequisites:** None**Course Length:** 16 hours**For More Information:**

[http://www.dhs.gov/bombing-prevention-training-courses#Protective Measures](http://www.dhs.gov/bombing-prevention-training-courses#Protective%20Measures)

**To Schedule:**

Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

**IED Response on Mass Transit and Passenger Rail Systems – DOD-007-RESP**

This course provides an environment for first responders to perform tactical operations in a scenario-driven exercise under realistic incident conditions involving a post-blast IED incident on a mass transit or passenger rail system. Scenarios are based on the most current threat assessment available for mass transit and passenger rail systems. Training addresses the technical aspects of planning and implementing an Incident Command System to provide

command and control over a post-IED incident utilizing classroom presentations, hands-on performance based training, and a full-scale exercise in a realistic environment located at the Center for National Response (CNR) Memorial Tunnel Complex, Gallagher, West Virginia. The Transportation Security Administration, West Virginia National Guard, JITEC, and West Virginia University are collaborative partners in this training.

**Mission Area:** Response**Core Capability:** Operational Coordination**Course Level:** Performance**Targeted Audience:** Emergency management agency, emergency medical services, fire service, governmental administrative, hazardous material, health care providers, law enforcement, public health, public safety communications, public works, and others**Course Provider:** DoD/Dept. of the Army/JITEC**Delivery Mechanism:** Residential**Cost/Funding Source:** Homeland Security Grant Program**Prerequisites:** None**Course Length:** 28 hours**To Schedule:**

[http://www.hsp.wvu.edu/course\\_calendar](http://www.hsp.wvu.edu/course_calendar)

**IED Search Procedures Workshop**

This workshop is designed to increase IED awareness and educate participants on bombing prevention measures and planning protocols to detect IEDs by reviewing specific search techniques. This workshop builds knowledge of counter-IED principles and techniques among first responders and public/private sector security partners tasked with IED search and response protocols.

**Mission Area:** Protection**Core Capability:** Screening, Search, and Detection**Course Level:** Performance**Targeted Audience:** SLTT first responders and public and private sector security partners**Course Provider:** DHS/IP/OBP**Delivery Mechanism:** Mobile

**Cost/Funding Source:** N/A

**Prerequisites:** None

**Course Length:** 8 hours

**For More Information:**

<http://www.dhs.gov/bombing-prevention-training-courses#IED> Search Procedures

**To Schedule:**

Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

### IED/WMD Electronics Course

This course is intended to introduce certified bomb technicians to current terrorist tactics, techniques, and procedures (TTPs) and some of the procedures being employed by international bomb squads to counter the terrorist threat. The course has been designed in eight modular segments to give the host bomb squad the option of tailoring the course to meet their specific requirements. The course can be delivered in one of four possible formats that emphasize different skills and techniques: (1) Threat Assessment and IED Electronic Circuits, (2) Threat Assessment: IED Electronic Circuits and Disrupter Practical Exercise, (3) Threat Assessment and Practical Scenario Led Exercises, and (4) IED Electronic Circuits. Upon completion of this course, participants will be able to discuss current terrorist TTPs and identify some of the additional considerations and countermeasures required to successfully deal with them given an IED response/scenario.

**Mission Area:** Protection

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, and law enforcement

**Course Provider:** State of California

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant

**Prerequisites:** None

**Course Length:** 40 hours

**To Schedule:**

**Contact:** Alex Cabassa

**Phone:** 916.845.8752

**Email:** [alex.cabassa@calema.ca.gov](mailto:alex.cabassa@calema.ca.gov)

### Incident Response to Terrorist Bombings-Operations

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

**Mission Area:** Response

**Core Capability:** On-scene Security and Protection

**Course Level:** Performance

**Targeted Audience:** Emergency medical services, fire service, law enforcement, public safety communications, and public works

**Course Provider:** New Mexico Institute of Mining and Technology

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 4 hours

**To Schedule:**

<http://www.emrtc.nmt.edu/training/irtb.php>

### Initial Law Enforcement Response to Suicide Bomb Attacks (ILERSBA)

Initial Law Enforcement Response to Suicide Bombing Attacks (ILERSBA) was developed with support and cooperation from the Department of Homeland Security, National Bomb Squad Commanders Advisory Board, and New Mexico Tech. It is designed to provide front-line law enforcement officers with the skills and knowledge to effectively interdict and respond to an imminent suicide bombing attack—whether person-borne or vehicle-borne—or a non-suicide attack involving a

vehicle-borne device. Additionally, this course addresses the training gap of first-line officers in making immediate decisions when faced with improvised explosive device (IED) attacks. ILERSBA offers a blend of classroom presentations and practical exercises designed to familiarize participants with procedures for safe and effective responses to suicide bombing attacks.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Law enforcement and first responders

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- Completed basic law enforcement training and, where applicable, on-the-job training under the supervision of a departmental training officer.
- Demonstrated successful performance as a patrol officer in a U.S. State or local law enforcement agency.
- Sufficient tenure remaining in their current or future position to allow for the application of course material upon their return.

**Course Length:** 8 hours

**To Schedule:**

<https://cdp.dhs.gov/training/courses/ilersba>

### Initial Law Enforcement Response to Suicide Bombing Attacks (ILERSBA), Customized

The ILERSBA Customized Course is a 90-minute training course designed for State, local, and tribal first responders and other individuals in the community that are responsible for responding to and planning for a suicide bombing threat or event. It is designed to be presented in a workshop or conference environment attended by the target audience. It addresses some of the major considerations a jurisdiction is required to answer when creating plans, procedures, and tactics to prevent and respond to suicide bombing incidents. Discipline-specific modifications for specialized audiences may be prepared as warranted. This course uses a blend of classroom presentations and performance exercises designed to help participants develop a greater understanding of

the complex demands a suicide bombing threat presents.

**Mission Area:** Prevention

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

**Course Level:** Performance

**Targeted Audience:** Law Enforcement

**Course Provider:** New Mexico Institute of Mining and Technology

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** Actively employed or auxiliary member of a State, local, tribal, or Federal law enforcement agency with sufficient tenure remaining in their current or future position to allow for the application of course material upon their return

**Course Length:** 1.5 hours

**To Schedule:**

<http://www.emrtc.nmt.edu/training/ilersba.php>

### Land Transportation Antiterrorism Training Program (LTATP)

The LTATP is unique in its design, recognizing that security at most land transportation systems is accomplished by a cooperative effort of Federal, State, local, and contract personnel. This program was designed to protect the land transportation infrastructure to include rail, mass transit, bus operations, and, most importantly, passengers and employees. It will address the needs of all personnel charged with security responsibilities.

**Mission Area:** Protection

**Core Capability:** Operational Coordination; Physical Protective Measures

**Course Level:** Performance

**Targeted Audience:** Federal, State, and local law enforcement, public and private security personnel, and military personnel involved in transportation

**Course Provider:** FLETC

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** Applicants must be assigned to duties directly related to security and contingency planning of a land transportation system.

**Course Length:** 40 hours

**To Schedule:** <https://www.fletc.gov/training-program/land-transportation-antiterrorism-training-program>

### Large Vehicle Bomb Render Safe Procedures Course

This course primarily focuses on Render Safe Procedures in VBIED events that are deemed life threatening, requiring immediate action.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Course is only available to full-time, sworn, salaried employees of a law enforcement or public safety agency who are assigned to an accredited bomb squad.

**Course Provider:** FBI Hazardous Devices School

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** Bomb Technician Certification Course

**Course Length:** 40 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

### Law Enforcement Protective Measures for CBRNE Incidents (LEPM)

Law Enforcement Protective Measures for CBRNE Incidents (LEPM) is a one-day course that provides law enforcement responders the opportunity to develop skills to deal with chemical, biological, radiological, nuclear, and explosive (CBRNE) emergencies. This not only reinforces their ability to identify suspicious activity that could lead to a CBRNE event, but also arms them with the knowledge, skills, and attitudes necessary to respond effectively. LEPM is designed to produce law enforcement responders who understand the immediate protective actions to safely and appropriately respond to a CBRNE incident at the performance defensive level.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** SLTT first responders

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential, mobile, and indirect

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- AWR-160 Standardized Awareness Training
- Currently serving as a certified law enforcement officer with a law enforcement agency or department.

**Course Length:** 8 hours

**To Schedule:**

<https://cdp.dhs.gov/training/courses/lepm>

### Law Enforcement Protective Measures for CBRNE Incidents, Train-the-Trainer (LEPM TtT)

The Law Enforcement Protective Measures for CBRNE Incidents, Train-the-Trainer course focuses on terrorist tactics and targeting, related hazards, indicators of terrorism, and protective measures when responding to a terrorist event, and prepares graduates to train the LEPM course in their home jurisdictions.

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Law enforcement

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- AWR-160 Standardized Awareness Training (AWR-160)
- Currently serving in a supervisory position with a law enforcement agency or department
- Certified/authorized trainer within a law enforcement agency or department

**Course Length:** 16 hours

**To Schedule:**

<https://cdp.dhs.gov/training/courses/lepm%20ttt>

## Leadership and Management of Surface Transportation Incidents (LMSTI)

This course utilized NIMS/ICS guidelines and is designed to prepare participants in leadership and management of HazMat/WMD Hazardous Materials incidents involving surface transportation. The course integrates with the HAZMAT/WMD Technician for Surface Transportation (HWMDTST), Tank Car Specialist (TCS), and/or Highway Emergency Response Specialist (HERS) courses and requires participants to lead and manage incidents under NIMS/ICS guidelines and structures. Participants will be expected to complete proficiency requirements, all necessary NIMS/ICS documentation, and produce Incident Action Plans (IAPs) incorporating hands-on, scenario-based activities. Challenging, in-depth planning and decision-making processes are involved that will prepare participants in managing and documenting responses to real-world emergencies involving surface transportation incidents in their communities.  
Training Location: TTCI - SERTC, 55500 Dot Rd., Pueblo, CO 81001

**Mission Area:** Response

**Core Capability:** Operational Coordination

**Course Level:** Performance

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, hazardous material, law enforcement, public safety communications, and public works

**Course Provider:** SERTC

**Delivery Mechanism:** Residential

**Cost/Funding Source:**

**Prerequisites:**

- NIMS/IC IS-100b, IS-200b, IS-700a, IS-300, and
- Successful completion of HazMat/WMD Operations level or higher training, Title 29, 1910.120(q).

**Course Length:** 40 hours

**To Schedule:** <http://sertc.org/courses/lmsti/>

## Medical Management of CBRNE Events

Participants completing this program will be able to properly perform patient triage, decontamination, treatment, and transportation in the event of exposure to chemical, biological, radiological, nuclear, and explosive (CBRNE) weapons. The course consists of facilitated discussions, small group exercises, hands-on activities, and task-oriented practical applications. Course participants will use both state-of-the-art adult and pediatric human patient simulators to promote critical thinking skills while utilizing the RAPID – Care concept.

**Mission Area:** Response

**Core Capability:** Mass Care Services

**Course Level:** Performance

**Targeted Audience:** Emergency medical services, health care providers, and law enforcement

**Course Provider:** Texas A&M Engineering Extension Service

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 15 hours

**To Schedule:**

<https://teex.org/Pages/Class.aspx?course=PER211&courseTitle=Medical+Management+of+CBRNE+Events>

## Piers and Sea Walls Search/Recovery

This course provides certified, public safety divers with the skills, knowledge, and ability to safely perform Jack-Stay Pattern Line and Necklace searches, as it pertains to pre- and post-terrorism scenes, as well as evidence and victim recoveries. Divers will also become familiar with the nomenclature and the differing applications of the Jack-Stay Pattern Line and Necklace. This course will demonstrate screening, searching, and detection through specific mission activities. These activities will display various protective measures of the Nation against acts of terrorism or manmade disaster. This course provides instruction for certified public safety divers in the mission area of urban search and rescue for victims and



evidence at pre- and post-underwater-terrorism scenes. During this course, the divers will be tasked to perform a dive operation in response to a simulated pre- and post-terrorism scene.

**Mission Area:** Response

**Core Capability:** Situational Assessment

**Course Level:** Performance

**Targeted Audience:** Law enforcement

**Course Provider:** State of New York

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:**

- Certified "Open Water SCUBA Diver" by Professional Association of Diving Instructors (PADI), National Association of Underwater Instructors (NAUI), or equal
- Successful completion of Basic Divers Skills Exam administered by course instructors

**Course Length:** 24 hours

**To Schedule:**

**Contact:** Mary Wrobel

**Phone:** 518.242.5003

**Email:** [mwrobel@dhses.ny.gov](mailto:mwrobel@dhses.ny.gov)

## Physical Security Training Program (PSTP)

The Physical Security Training Program (PSTP) is an introductory physical security training program designed to provide baseline knowledge of physical security systems and procedures as defined by the Interagency Security Committee (ISC) Risk Management Process for Federal Facilities (RMP) and the Design Base Threat (DBT). The physical security survey/assessment process is the common thread used in teaching this program. The PSTP includes conceptual security considerations, vulnerabilities assessments, and familiarization with hardware and procedures. A comprehensive practical exercise is followed by a formal presentation of the survey results by each of the survey groups.

**Mission Area:** Prevention

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

**Course Level:** Performance

**Targeted Audience:** Federal, State, and local law enforcement, physical security specialists,

military personnel, and other government personnel with physical security responsibilities

**Course Provider:** FLETC

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Participant fee

**Prerequisites:** None

**Course Length:** 80 hours

**To Schedule:** <https://www.fleetc.gov/training-program/physical-security-training-program>

## Post-Blast Investigation

This is a basic post-blast course designed to teach a systematic method of investigating an explosion scene. The course provides instruction in explosives identification and applications, explosives effects, IED component recognition, and evidence collection.

**Mission Area:** Prevention

**Core Capability:** Forensics and Attribution

**Course Level:** Performance

**Targeted Audience:** Law enforcement officers who investigate explosives incidents

**Course Provider:** FBI

**Delivery Mechanism:** Residential and mobile

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** None

**Course Length:** 40 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

## Post-Blast Investigative Techniques I

This is a basic post-blast course designed to teach a systematic method of investigating an explosion scene. The course provides instruction in explosives identification and applications, explosives effects, IED component recognition, and evidence collection. The course is delivered at a variety of locations throughout the United States based on requests from ATF Field Divisions. The course is comprised of classroom participation, an explosives demonstration, and actual investigation of a post-blast scene. Students must provide their

own transportation, lodging, and meals. ATF provides instructors, classroom supplies, training materials, and range tools. Student selection is conducted by the ATF Field Office hosting the training.

**Mission Area:** Prevention

**Core Capability:** Forensics and Attribution

**Course Level:** Performance

**Targeted Audience:** SLTT bomb techs, explosives detection canine handlers, unit commanders, and incident commanders

**Course Provider:** ATF/National Center for Explosives Training and Research

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/ATF

**Prerequisites:** Applicant must be a full-time, public safety official whose primary mission is to investigate bombing incidents and other explosions. Selections are intended to facilitate

coordination of agencies in the area of operation where the training is being conducted.

**Course Length:** 40 hours

**To Schedule:**

<https://www.atf.gov/explosives/post-blast-investigative-techniques-i-course-id-expl-cs-0013>

### A Prepared Jurisdiction: Integrated Response to a CBRNE Incident

The goal of this course is to build relationships that result in effective multidisciplinary integration of emergency response assets, equipment, plans, and procedures during a CBRNE incident or event. Using a whole community approach, the course provides an opportunity for participants to cross-train and recognize the capabilities of responder organizations in their jurisdiction. Using a realistic response scenario, participants will exercise and assess their ability to effectively integrate with other disciplines in their community.

**Mission Area:** Response

**Core Capability:** Operational Coordination

**Course Level:** Performance

**Targeted Audience:** Emergency management agency, emergency medical services, hazardous materials personnel, health care

providers, and law enforcement

**Course Provider:** Louisiana State University (LSU)

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 20 hours

**To Schedule:**

<http://www.ncbrt.lsu.edu/catalog/performance/integratedresponse.aspx>

### Prevention of and Response to Suicide Bombing Incidents, Train the Trainer

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

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Emergency medical services, fire service, law enforcement, and public safety communications

**Course Provider:** FEMA

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- Actively employed or volunteer member of a first responder or emergency management agency.
- Assignment or identification for assignment to a position responsible for conducting WMD training; developing plans, policies, procedures and tactics to govern response; providing specialized response support during WMD incidents; or coordinating initial response to a WMD incident.
- For personnel who desire trainer certification, completion of an instructor training program and/or documented experience as a trainer.
- Required prerequisites must be verified by

the participant's department at the time of application.

**Course Length:** 36.5 hours

**To Schedule:**

<http://www.emrtc.nmt.edu/training/pdf/prsbitechapp.pdf>

### Sports Venue Bag Search Procedures Guide

A joint DHS-private sector document that provides suggestions for developing and implementing bag search procedures at public assembly venues hosting major events. The bag search procedures delineated in this guide are for guidance purposes only; they are not a requirement under any regulation or legislation.

**Mission Area:** Prevention; Protection

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

**Course Level:** Performance

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Document

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** N/A

**To Access:**

To obtain this document, visit the Homeland Security Information Network (HSIN) (<https://hsin.dhs.gov>) page. Non-HSIN users should contact [HSIN.Outreach@hq.dhs.gov](mailto:HSIN.Outreach@hq.dhs.gov) for an electronic PDF copy.

### Surveillance Detection Course for Law Enforcement & Security Professionals

This course provides the participant instruction on how to detect hostile surveillance by exploring surveillance techniques, tactics, and procedures from an adversary perspective. These skills enhance counter-IED capabilities of law enforcement and security professionals to detect, prevent, protect against, and respond to IED threats.

**Mission Area:** Response

**Core Capability:** Situational Assessment

**Course Level:** Performance

**Targeted Audience:** Public and private sector

security personnel

**Course Provider:** DHS/IP/OBP

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** DHS

**Prerequisites:** FEMA EMI IS-914, Surveillance Awareness

**Course Length:** 24 hours

**For More Information:**

[http://www.dhs.gov/bombing-prevention-training-courses#Surveillance Detection](http://www.dhs.gov/bombing-prevention-training-courses#Surveillance%20Detection)

**To Schedule:**

Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

### Technical Emergency Response Training for CBRNE Incidents (TERT)

All-hazards training that features an overview of the terrorist threat, potential targets, and chemical, biological, radiological, and explosive hazards that may be used in all emergency incidents. Includes hands-on exercises in decontamination, mass casualty triage, survey, and monitoring. Culminates in a training exercise at the Chemical, Ordnance, Biological and Radiological Training Facility.

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** Emergency management, emergency medical services, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:**

- AWR-160 Standardized Awareness Training or another equivalent certified awareness training program;
  - IS-100.a Introduction to the Incident Command System or any of the ICS-100 series
- <https://training.fema.gov/is/courseoverview>.

[aspx?code=IS-100.b](#));

- IS-200.a ICS for Single Resources and Initial Action Incidents or any of the ICS-200 series  
(<http://training.fema.gov/is/courseoverview.aspx?code=IS-200.b>);
- IS-700.a National Incident Management System (NIMS), An Introduction  
(<http://training.fema.gov/is/courseoverview.aspx?code=IS-700.a>); and
- IS-800.b National Response Framework, An Introduction  
(<https://training.fema.gov/is/courseoverview.aspx?code=IS-800.b>).

**Course Length:** 32 hours

**To Schedule:**

<https://cdp.dhs.gov/training/program/b>

### Transit Terrorist Tools and Tactics

This course addresses the technical aspects of detecting, deterring, preventing, mitigating, and responding to a potential CBRNE attack directed against a transit system facility. As such, it provides detailed information through presentations and practical exercises requiring participants to demonstrate skills obtained during the course.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Performance

**Targeted Audience:** Transit security staff, regional law enforcement personnel, multi-agency emergency responders, and specialized response teams

**Course Provider:** Louisiana State University (LSU)

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** None

**Course Length:** 24 hours

**To Schedule:**

<http://www.ncbrt.lsu.edu/catalog/performance/transit.aspx>

### Underwater Hazardous Device Search Course

This course (previously referred to as the Anti-Terrorism Diver Course) is intended to train public safety divers on the safest possible methods to search, locate, and mark for underwater terrorists devices. At the completion of this course, the attendees should possess the skills to perform proficient maritime underwater searches thus providing a “force multiplier” capability in response to terrorist threats on waterborne targets. This course is not designed, nor intended to teach bomb disposal “hands-on” techniques or procedures.

**Mission Area:** Response

**Core Capability:** Situational Assessment

**Course Level:** Performance

**Targeted Audience:** Fire service and law enforcement

**Course Provider:** State of California

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** 40 hours

**To Schedule:**

**Contact:** Alex Cabassa

**Phone:** 916.845.8752

**Email:** [alex.cabassa@calema.ca.gov](mailto:alex.cabassa@calema.ca.gov)

### Underwater Post Blast Investigation

This course focuses on specialized techniques to document and collect evidence in bomb scenes in underwater environments. Participants must provide dive equipment.

**Mission Area:** Prevention

**Core Capability:** Forensics and Attribution

**Course Level:** Performance

**Targeted Audience:** Law enforcement officers who investigate explosives incidents

**Course Provider:** FBI Los Angeles Field Division

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** Attendees must be certified open water divers

**Course Length:** 40 hours

**For More Information:** Contact the Special Agent Bomb Technician in the Los Angeles FBI Field Office

<http://www.fbi.gov/contact-us/field>

### Vehicle-Borne IED (VBIED) Detection Course

This course improves the participant's ability to successfully inspect for, detect, identify, and respond to a VBIED. Instruction covers the VBIED threat, explosive effects, IEDs, and vehicle inspections, enabling participants to detect, deter, and protect against the illicit use of explosives. The course is designed for first responders and public/private security staff tasked with inspecting vehicles for explosives, dangerous goods, or any contraband.

**Mission Area:** Response

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

**Course Level:** Performance

**Targeted Audience:** SLTT first responders and public and private sector security personnel conducting vehicle inspections

**Course Provider:** DHS/IP/OBP

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** N/A

**Prerequisites:** None

**Course Length:** 8 hours

**For More Information:**

[http://www.dhs.gov/bombing-prevention-training-courses#VBIED Detection](http://www.dhs.gov/bombing-prevention-training-courses#VBIED%20Detection)

**To Schedule:**

Contact local Protective Security Advisor (PSA) (<http://www.dhs.gov/protective-security-advisors>) or send an email to [OBPtraining@hq.dhs.gov](mailto:OBPtraining@hq.dhs.gov).

### Vehicle-Borne Improvised Explosive Device Security Checkpoint

This course is designed to provide key members of the law enforcement community with the skill sets required to successfully establish and operate a VBIED Checkpoint that will assist in identifying, disrupting, and preventing a potential terrorist attack at special events and critical infrastructure. The course is designed to provide the participants with both

classroom lecture followed by intensive hands-on field exercises and role-play scenarios.

**Mission Area:** Response

**Core Capability:** Situational Assessment

**Course Level:** Performance

**Targeted Audience:** Law enforcement

**Course Provider:** State of New York

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** 8 hours

**To Schedule:**

**Contact:** Mary Wrobel

**Phone:** 518.242.5003

**Email:** [mwrobel@dhses.ny.gov](mailto:mwrobel@dhses.ny.gov)

## Management-Level Courses

### Bomb Squad Commanders Course

The Bomb Squad Commanders Course addresses management, safety, personnel, and other topics involved in the day-to-day operation of a professional bomb squad.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Management

**Targeted Audience:** HDS-certified bomb technicians newly designated as Bomb Squad Commander

**Course Provider:** FBI/Counter-IED Unit/Hazardous Devices School

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** Bomb Technician Certification Course

**Course Length:** 24 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

## Bomb Squad Executive Management Course

The Bomb Squad Executive Management Course provides a background in operating procedures, equipment, personnel, and finance needed to administer a public safety bomb squad.

**Mission Area:** Prevention

**Core Capability:** Interdiction and Disruption

**Course Level:** Management

**Targeted Audience:** Public safety professionals with operational or financial oversight responsibilities for bomb squads

**Course Provider:** FBI/Counter-IED Unit/Hazardous Devices School

**Delivery Mechanism:** Residential

**Cost/Funding Source:** DOJ/FBI

**Prerequisites:** None

**Course Length:** 24 hours

**For More Information:** Contact the Special Agent Bomb Technician Coordinator in the nearest FBI Field Office

<http://www.fbi.gov/contact-us/field>

## Identifying IED Threats to Public Transit

This seminar demonstrates how to prepare for and initially respond to acts of terrorism involving explosives, how to implement a plan and procedures to respond to an explosive incident, and how to manage an incident in a transit environment. Participants are trained in general security awareness in the transit environment and how to identify flaws in facility or vehicle design and discourage criminal activity.

**Mission Area:** Response

**Core Capability:** On-scene Security and Protection

**Course Level:** Management

**Targeted Audience:** Emergency management agency, emergency medical services, fire service, law enforcement, and others

**Course Provider:** DOT/FTA/TSI

**Delivery Mechanism:** Mobile

**Cost/Funding Source:** Homeland Security Grant Program

**Prerequisites:** None

**Course Length:** 4 hours

**To Schedule:**

**Contact:** Radonna Snider

**Phone:** 405.954.4799

**Email:** [radonna.snider@dot.gov](mailto:radonna.snider@dot.gov)

## Incident Command: Capabilities, Planning and Response Actions for All Hazards

The importance of planning and training for a CBRNE incident response is stressed to participants; thus, the course incorporates preparedness planning considerations and incident management concepts to train participants to serve as members of an incident management team. Participants are immersed in a curriculum that will promote development of their abilities to evaluate the threat, identify and prioritize probable targets, measure required capabilities, and discuss the Incident Response Plan (IRP) and Incident Action Plan (IAP) processes. The course culminates with a real-time, scenario-driven tabletop exercise that requires participants to apply concepts learned during the course to plan for and manage emergency response resources.

**Mission Area:** Response

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

**Course Level:** Management

**Targeted Audience:** Emergency management, emergency medical services, fire service, governmental administrative, hazardous materials, health care providers, law enforcement, public health, public safety communications, and public works

**Course Provider:** FEMA/CDP

**Delivery Mechanism:** Residential

**Cost/Funding Source:** Federally funded-FEMA

**Prerequisites:** To be eligible to attend IC, candidates must have also successfully completed the IS-700.a, IS-100.b, and IS-200.b courses offered by the Federal Emergency Management Agency (FEMA).

**Course Length:** 24 hours

**To Schedule:**

<https://cdp.dhs.gov/training/courses/ic>

## Protective Measures Guide for Mountain Resorts (FOUO)

The Protective Measures Guides provide an overview of possible threats, vulnerabilities, and protective measures designed to assist facility owners and operators in planning and managing security specific to their venue to maintain a safer environment for guests and employees.

**Mission Area:** Protection

**Core Capability:** Physical Protective Measures

**Course Level:** Management

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Document

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** N/A

### For More Information:

[NIPP@hq.dhs.gov](mailto:NIPP@hq.dhs.gov)

To obtain these For Official Use Only (FOUO)-designated documents please visit the Commercial Facilities Publications Webpage (<http://www.dhs.gov/commercial-facilities-publications>) and follow the instructions to gain access to the Commercial Facilities site on the Homeland Security Information Network - Critical Infrastructure.

## Protective Measures Guide for Outdoor Venues (FOUO)

The Protective Measures Guides provide an overview of possible threats, vulnerabilities, and protective measures designed to assist facility owners and operators in planning and managing security specific to their venue to maintain a safer environment for guests and employees.

**Mission Area:** Protection

**Core Capability:** Physical Protective Measures

**Course Level:** Management

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Document

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** N/A

### For More Information:

[NIPP@hq.dhs.gov](mailto:NIPP@hq.dhs.gov)

To obtain these For Official Use Only (FOUO)-designated documents please visit the Commercial Facilities Publications Webpage (<http://www.dhs.gov/commercial-facilities-publications>) and follow the instructions to gain access to the Commercial Facilities site on the Homeland Security Information Network - Critical Infrastructure.

## Protective Measures Guide for the U.S. Lodging Industry (FOUO)

The Protective Measures Guides provide an overview of possible threats, vulnerabilities, and protective measures designed to assist facility owners and operators in planning and managing security specific to their venue to maintain a safer environment for guests and employees.

**Mission Area:** Protection

**Core Capability:** Physical Protective Measures

**Course Level:** Management

**Targeted Audience:** Private sector

**Course Provider:** DHS/IP

**Delivery Mechanism:** Document

**Cost/Funding Source:** Federally funded

**Prerequisites:** None

**Course Length:** N/A

### For More Information:

[NIPP@hq.dhs.gov](mailto:NIPP@hq.dhs.gov)

To obtain these For Official Use Only (FOUO)-designated documents please visit the Commercial Facilities Publications Webpage (<http://www.dhs.gov/commercial-facilities-publications>) and follow the instructions to gain access to the Commercial Facilities site on the Homeland Security Information Network - Critical Infrastructure.

## Protective Measures Guide for U.S. Sports Leagues (FOUO)

The Protective Measures Guides provide an overview of possible threats, vulnerabilities, and protective measures designed to assist facility owners and operators in planning and managing security specific to their venue to maintain a safer environment for guests and employees.

**Mission Area:** Protection  
**Core Capability:** Physical Protective Measures  
**Course Level:** Management  
**Targeted Audience:** Private sector  
**Course Provider:** DHS/IP  
**Delivery Mechanism:** Document  
**Cost/Funding Source:** Federally funded  
**Prerequisites:** None  
**Course Length:** N/A

**For More Information:**

[NIPP@hq.dhs.gov](mailto:NIPP@hq.dhs.gov)

To obtain these For Official Use Only (FOUO)-designated documents please visit the Commercial Facilities Publications Webpage (<http://www.dhs.gov/commercial-facilities-publications>) and follow the instructions to gain access to the Commercial Facilities site on the Homeland Security Information Network - Critical Infrastructure.



# Acronym Appendix

<b>Acronym</b>	<b>Definition</b>
ACEP	American College of Emergency Physicians
AEDT	Advanced Explosives Disposal Techniques
ATF	Bureau of Alcohol, Tobacco, Firearms and Explosives
BMAP	Bomb-Making Materials Awareness Program
CBRNE	Chemical, Biological, Radiological, Nuclear, and Explosive
CDC	Centers for Disease Control and Prevention
CDP	Center for Domestic Preparedness
CFR	Code of Federal Regulations
C-IED	Counter Improvised Explosive Device
CNR	Center for National Response
COBRATF	Chemical, Ordnance, Biological, and Radiological Training Facility
CVCTP	Commercial Vehicle Counterterrorism Training Program
DBT	Design Base Threat
DHS/IP	U.S. Department of Homeland Security, Office of Infrastructure Protection
DHS/IP/OBP	U.S. Department of Homeland Security, Office of Infrastructure Protection, Office for Bombing Prevention
DOJ	Department of Justice
DOT/FTA/TSI	U.S. Department of Transportation, Federal Transit Administration, Transportation Safety Institute
EMO	Emergency Medical Operations
EMS	Emergency Medical Services
EMT	Emergency Medical Technician
EOD	Explosives Ordnance Disposal
ERG	Emergency Response Guidebook
ERHM	Emergency Responder Hazardous Materials
FBI	Federal Bureau of Investigations
FEMA	Federal Emergency Management Agency
FEMA EMI	Federal Emergency Management Agency Emergency Management Institute
FLETC	Federal Law Enforcement Training Centers
FOUO	For Official Use Only
HARM	Hazard Assessment and Response Management
HAZMAT	Hazardous Materials
HDS	Hazardous Devices School
HERS	Highway Emergency Response Specialist
HME	Home-made Explosives
HOT	Hands-On Training

HSIN	Homeland Security Information Network
HSIN-CI	Homeland Security Information Network-Critical Infrastructure
HT	Hazardous Materials Technician
HWMDTST	HazMat/WMD Technician for Surface Transportation
IAP	Incident Action Plan
ICE	Integrated Capstone Event
ICS	Incident Command System
IED	Improvised Explosive Device
IFSAC	International Fire Service Accreditation Congress
ILERSBA	Initial Law Enforcement Response to Suicide Bomb Attacks
IM	Intermodal
IRP	Incident Response Plan
ISC	Interagency Security Committee
JIEDDO	Joint IED Defeat Organization
JITEC	Joint Interagency Training and Education Center
JPO	Joint Program Office
LEPM	Law Enforcement Protective Measures
LMSTI	Leadership and Management of Surface Transportation Incidents
LSU	Louisiana State University
LTATP	Land Transportation Antiterrorism Training Program
MCI	Mass Casualty Incident
NAUI	National Association of Underwater Instructors
NBSCAB	National Bomb Squad Commanders Advisory Board
NCETR	National Center for Explosives Training and Research
NFPA	National Fire Protection Association
NIMS	National Incident Management System
NRF	National Response Framework
NTED	National Training and Education Division
OBP	Office for Bombing Prevention
OEM	Office of Emergency Management
OSHA	Occupational Safety and Health Administration
PADI	Professional Association of Diving Instructors
PBIED	Personnel-Bourne IED
PPE	Personal Protective Equipment
PSA	Protective Security Advisor
PSTP	Physical Security Training Program
RAIN	Recognition, avoidance, isolation and notification

RMP	Risk Management Process
SAAT	Standardized Awareness Authorized Training
SAT	Standardized Awareness Training
SERTC	Security and Emergency Response Training Center
SLTT	State, Local, Tribal, and Territorial
TERT	Technical Emergency Response Training
TIIDE	Terrorism Injuries: Information, Dissemination and Exchange
TTP	Tactics, techniques, and procedures
TtT	Train the Trainer
UPSBI	Understanding and Planning for School Bomb Incidents
VBIED	Vehicle-Borne Improvised Explosive Device
WMD	Weapons of Mass Destruction