



Weapons of Mass Destruction Training

Incident Response to Terrorist Bombings

Resident Course PER 230-1
Information Package

April 25, 2013



FEMA



Copyright Information

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Information Package

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Application Process

All training requests must be authorized through your State Administrative Agency (SAA) State/Territory Training Point of Contact (TPOC).

- This training program is underwritten by a grant from the U.S. Department of Homeland Security, Office of Grants and Training (DHS-G&T). It is designed to provide technical operational level training for U.S. citizens who are active state and local firefighters, law enforcement personnel, emergency medical personnel, and other first responders who have significant responsibility for providing specialized support during weapons of mass destruction (WMD) incidents, particularly those involving explosive or incendiary materials.
- Approved car rental, hotel, and per diem costs are reimbursable through the Department of Homeland Security program. Airfare costs are billed directly to the PRSBI funded program. Airline and rental car arrangements must be booked through Paradise Travel Agency. Paradise Travel will use alternate airports to reduce the cost of airfares when possible. Mileage will be reimbursed at the federal mileage rate for use of privately owned vehicles (POVs) for travel to and from your residence and the airport. The PRSBI program manager must approve all costs that exceed \$100.00 for taxi or limousine services to and from your residence and the airport. Lodging costs will be reimbursed in accordance with per diem rates set forth in the federal travel regulations. Per diem will be paid at the current federal rate for Socorro, New Mexico. Federal employees are eligible to attend this training on a space-available basis. They are NOT eligible for reimbursement under this program and must pay for their own expenses and travel.
- We encourage you to complete the attached application and submit it through your channels for review and approval as soon as possible. Your timely response will assist us in ensuring you receive the class date of your preference.
- All fields of the application are required. Most correspondence pertaining to scheduling will be sent to you via your email address. If the application is incomplete, processing of it may be delayed.
- In addition to the application, we have provided a course synopsis and an applicant information sheet. These are yours to keep. The PRSBI training schedule is located at the following website: <http://www.emrtc.nmt.edu/training/trainingschedule.php>. We recommend that you list three (3) class dates in order of preference in the application. We will make every effort to slot you in one of your preferred class dates.
- The scheduling coordinator will review the application to ensure it contains the required information. If approved, a confirmation package with your class date will be emailed or faxed to you, along with travel, rental car, and hotel reservation instructions. Class confirmation is determined when your travel request is received through Paradise Travel.
- If you have questions regarding any aspect of the program, please contact us. We will be happy to assist you.



Application Instructions

The following instructions are provided to assist you in completing the application form. All of the information required on the form is required by DHS and is subject to our privacy policy. To view our privacy policy, please refer to the following site: <http://www.emrtc.nmt.edu/privacy.php>.

*** Note: Your DHS appointed state point of contact must sign the application or email approval for your attendance at this training.**

Personal Information

- Last Name, First Name, Middle Initial
- FEMA Student Identification Number - A FEMA SID # is required to register for and participate in any training provided by FEMA. To obtain a FEMA SID # or for more information, please go to <https://cdp.dhs.gov/femasid/>.
- Date of Birth – Example: 04/29/1970
- Email Address – Please provide a clearly legible email address. This is the most effective means of communication.
- Cell Phone Number – Example: (555) 555-5555
- Home Phone Number – Example: (555) 555-5555
- Home Address – Street, city, state, and zip code

Agency Information

- Name of Department/Agency – Name of the department/agency that employs you
- Position/Title – Your official position or title
- Office Phone – Ensure that a valid office phone number is provided, including any extensions
- Department Address – Street, city, state, and zip code

Citizenship Information

- This training is designed for U.S. citizens only.

Preferred Dates of Attendance

- Provide three dates in order of preference. You may find a schedule of available classes at the following site: <http://www.emrtc.nmt.edu/training/trainingschedule.php>.

Authorizations and Signatures

- State Point of Contact – Your DHS state point of contact must approve this training. To find out who your SPOC is, please go to <http://www.emrtc.nmt.edu/training/statepoc.php>.
- Department Head – Your department head or his/her designee must approve this training.
- Applicant – Your signature certifies that you are a U.S. citizen and that you are eligible to attend this training.



Official Application: Incident Response to Terrorist Bombings

Personal Information

Last Name: _____

First Name: _____ MI: _____

FEMA Student ID Number: _____ Date of Birth (mm/dd/yyyy): ____/____/____

Email Address: _____

Cell Phone: _____ Home Phone: _____

Home Address: _____

Home City: _____ Home State: _____ Zip Code: _____

Agency Information

Agency Name: _____

Job Title: _____ Work Phone: _____

Work Address: _____

Work City: _____ Work State: _____ Zip Code: _____

Citizenship Information

* This training is designed for United States Citizens only. I certify that I am a citizen of _____

Preferred Dates of Attendance

First Choice: ____/____/____ Second Choice: ____/____/____ Third Choice: ____/____/____
mm dd yyyy mm dd yyyy mm dd yyyy

Approvals and Signatures

State Point of Contact Name

State Point of Contact Signature

Department Head Name

Department Head Signature

Applicant Name

Applicant Signature



Course Description

Overview

Success in deterring, preventing, preparing for, and responding to a bombing incident involving conventional or non-conventional explosives relies on the establishment and maintenance of a robust crisis and consequence management infrastructure. First responders must be adequately trained, equipped, exercised, and funded in order to ensure their ability to effectively respond and conduct relief and recovery operations as part of an interagency team.

The U.S. Congress has recognized the need for federal programs to assist state and local jurisdictions with preparations against the threat of bombing incidents. Recent events within the U.S. and abroad have demonstrated the urgency for assistance activities. As threats have increased and evolved, the U.S. Government has expanded its support for initiatives to prepare federal, state, and local emergency services personnel to respond appropriately and safely to incidents involving traditional explosives.

The U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), National Preparedness Directorate (NPD), National Training and Education Division (NTED), is supporting several major initiatives to improve the capability of emergency services agencies to respond to bombing incidents. The *Incident Response to Terrorist Bombings* (IRTB) course, developed by the New Mexico Institute of Mining and Technology (New Mexico Tech), is one of those major initiatives.

Target Audience

This course is designed for law enforcement officers, firefighters, emergency medical personnel, and others who prepare for, or direct response to, terrorist incidents involving energetic materials and/or provide response training in their agencies and communities.

Prerequisites

The following prerequisites apply to personnel attending this course:

- United States citizenship.
- 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.
- Sufficient tenure remaining in their current or future position to allow for the application of course material upon their return.
- For personnel who desire trainer certification, completion of an instructor training program, and/or documented experience as a trainer.
- Required prerequisites must be verified by the participant's department at the time of application. Participants must have a picture identification card (preferably one issued by their department) for presentation to instructors prior to the start of instruction.



Scope Statement

This course is designed to instill in participants a respect for the destructive potential and dangers associated with energetic materials (explosives and incendiaries) that could be used in a terrorist attack.

Based on research of basic training methods provided to first responders, it has been identified that insufficient information is being provided with regard to comprehending the threat of explosives, improvised explosive devices (IEDs), and incendiary devices. Most first responders are inexperienced with explosives and incendiaries and may be incapable of fully understanding the devastating effects of successful attacks using these materials. These deficiencies are addressed in classroom presentations and field exercises using actual explosive devices. Graduates of this program have a far better appreciation of the dangers posed by explosives after completing the training.

Course Length

This course is designed for presentation over three and a half consecutive days. Beginning and ending times for instruction on each day of training can be adjusted to accommodate weather conditions and other factors. The schedule allows for one ten-minute break every hour, and a one-hour lunch break on each training day.

Testing/Certification

Participants are administered a pre-test on arrival for the first day of instruction and a post-test after completion of instruction. The post-test enables program administrators to assess the level of learning attained by participants. Post-test requirements focus on determining the ability of participants to make correct decisions and select appropriate actions after evaluating written scenarios involving terrorists and energetic materials. Participants who perform successfully on the post-test are recognized with a training certificate. Participants who do not perform successfully on the post-test are issued a certificate of attendance and are not authorized to deliver performance level training to personnel in their agencies or members of their communities.

Evaluation Strategy

Participant perception of learning (Kirkpatrick's Level 1) will be measured by the DHS Level 1 *Student Assessment of Course and Instructors Form*, to be filled out by the participants at the end of each course, as required by DHS. The Likert Scale responses of the participants will be used to evaluate the participant's perception of the value of the learning experience. Pre- and post-test questions and performance exercises will be used to determine mastery of the course objectives (Kirkpatrick's Level 2). Periodic surveys will be conducted to assess transfer of learning to the performance environment and its perceived value in an organizational setting (Levels 3 and 4).



Course Design

Module 1: Course Introduction

This module is designed to introduce the course participants and collect participant information for preparing training certificates and meeting reporting requirements. During this introductory presentation, training staff and instructors welcome participants to the program, provide background information concerning New Mexico Tech and the training program, summarize course content, administer a pre-course knowledge survey, and explain performance standards and expectations. Additionally, instructors will cover safety requirements governing participants' behavior in the classroom, on the ranges and in the community.

Module 2: Terrorism and Energetic Materials

This module sets the stage for the contemporary use of explosives and incendiaries in terrorist attacks. Included are discussions of pertinent terminology, descriptions of terrorist targeting criteria, preparatory activity prior to attack, and tactics used by terrorists when employing explosives and incendiaries. The module will focus on assisting participants in developing an awareness of potential targets in their home communities, and in recognizing pre-attack indicators of a terrorist attack.

Module 3: Introduction to Energetic Materials

This module introduces participants to basic explosive terms and processes. Included in the presentation is information concerning the components required to produce an explosive or incendiary event, the physical and chemical processes required to cause an explosion, and the physical consequences of an explosion.

Module 4: Recognition of Energetic Materials, Devices, and Device Components

This module introduces participants to commercial and military explosives and materials from which improvised explosives and explosive devices may be fabricated. The focus is on enabling the participants to identify these military and commercially available items during the conduct of their routine duty activities (such as fire inspections, emergency medical calls, and routine law enforcement patrols) upon return to their communities. The participants are acquainted with the characteristics of these items in terms of their appearance, labeling, texture, and smell.

Module 5: Responding to Pre-detonation Incidents

This module describes appropriate actions for executing safe and effective response to bomb threat and suspicious item incidents and highlight critical decisions that must be made and problems that frequently develop. At the completion of the instructor presentation, participants complete a performance exercise and prepare to share their work with others in the class.

Module 6: Responding to Post-detonation Incidents

This module presents information concerning first responder actions at post-detonation incidents—situations where the response occurs after detonation of an explosive or activation of an incendiary device. The presentation includes discussion of priorities, critical response actions (rescue, scene control, and evidence collection) using examples from past incidents, and



includes a comprehensive Performance Exercise in which participants are required to apply skills and knowledge acquired during the module.

Module 7: Responding to Special Situations

This module addresses unique challenges and response requirements encountered during special situations, which are response scenarios that differ significantly from most pre- and post-detonation incidents and require substantial modifications to normal response policies, procedures, and techniques. This module focuses on two kinds of events that could occur in the U.S.; bombing incidents where perpetrators are still present at the incident scene and are positioned to interfere with response operations, and suicide-bombing attacks.

Module 8: Preparing Emergency Response Agencies for Bombing Incidents

This module focuses on preparatory actions that emergency response organizations must take in order to execute a safe and effective response during a terrorist attack involving energetic material. These preparatory actions involve development of plans (including policies, procedures and tactics), acquisition of equipment, delivery of appropriate training and the conduct of exercises, all integrated in a manner that supports a coordinated response.

Module 9: Case Studies

This module presents lessons learned from major bombing incidents. Presentations include a brief summary of the incident and the errors and best practices that were identified after the incident.

Module 10: Awareness-Level Training

This module gives an overview of the awareness-level (indirect delivery) training presentation.

Module 11: Field Laboratories

During three field-laboratory sessions, participants will view explosive materials and IEDs and actual explosions involving these materials and devices; participants will also smell and physically handle selected explosive materials (where safety concerns permit). In addition, instructors will review material already presented and furnish detailed commentary on the potential impact of explosive materials on structures and human victims. Concurrent static display stations allow participants to view closely and handle inert explosive devices and equipment used by bomb technicians and EOD specialists when working with IEDs and military munitions.

Module 12: Performance Exercise

During this module, participants will apply skills and knowledge gained previously in the course to resolve typical problems and issues associated with pre- and post-detonation and special response situations. Participants are assigned to teams and required to assess scenarios provided by the instructor. During each scenario assessment, participants develop an action plan for responding agencies. Each team is required to make one or more presentations that summarize the results of group discussion.



Module 13: Course Summary, Assessment, Knowledge Survey, and Graduation

The lead instructor summarizes critical teaching points of the course. Participants complete a course-assessment instrument to communicate their views of the course, training materials, presentations, facilities, and related activities. Participants then complete a post-course knowledge survey to assess their level of learning and determine individual eligibility to present Performance Level (Indirect Delivery) Training in their home communities. Participants have an opportunity to ask questions about administrative requirements, such as travel reimbursements. Finally, certificates are presented to participants who have successfully completed course requirements.