

TO: Emergency Responders

FROM: Rick H. Carlile

DATE: January 4, 2011

RE: Attendance at Bomb school WMD-EMRTC in New Mexico <http://www.emrtc.nmt.edu/>

Attached is a course description, applications, and upcoming course dates for this instruction. It is unknown which classes are available so pick your top three choices in order of preference from the Available dates at the end of this email. Classes last 3 and ½ days long. If the class starts on Monday you will fly in on Sunday and return flight will be Thursday Afternoon. If the course begins on a Tuesday then you will fly Monday and return late Friday afternoon. If you have an interest in attending one of the courses please fill in the application attached to this document or the Separate application file and email it to rcarlile@utah.gov or scan it as a photo file and email it or you can fax it to 801-256-2495. **Please email me or call to verify that I have received your application as many have not arrived, For more information contact the Utah State Fire Marshal's Office Hazardous Materials Section, Rick H. Carlile at 801-256-2480, rcarlile@utah.gov , or visit <http://publicsafety.utah.gov/firemarshal/>**

Current Training Schedule can be found at <http://www.emrtc.nmt.edu/training/trainingschedule.php>

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Web Site for New Mexico Explosives Course: <http://respond.emrtc.nmt.edu/>

2 courses are available. The beginner course is IRTB (Incident Response to Terrorist bombing) and PRSBI (Prevention and Response to the Suicide Bombing Incidents) is a management level course

Operational-Level IRTB Course Overview

The advanced 32-hour Incident Response to Terrorist Bombing (IRTB) course combines:

- Classroom presentations
- Field laboratories
- Scenario-based exercises
- Case studies

After completing the course, you will be able to identify:

- Commercial and military explosives
- Improvised explosive devices (IEDs)
- Readily available explosive formulations that terrorists have or could use

You will gain:

- The skills and knowledge to evaluate and respond effectively to WMD incidents involving explosives
- A respect for the destructive power of explosive materials that terrorists could use





Operational-Level IRTB Course Description

The Operational-Level IRTB course includes the following classroom sessions and [field laboratories](#). Typically, classroom sessions take place in the morning and field laboratories in the afternoons.

Classroom Sessions

1. **The Terrorist Threat** teaches how to identify potential terrorist targets and tactics in your communities.
2. **Introduction to Explosives** presents terms and concepts and describes the hazards involved in handling explosive materials.
3. **Military and Commercial Explosives** covers the characteristics, appearance, and explosive power of the most commonly available explosives materials.
4. **Initiation Systems for Explosive Materials** explains how explosives function.
5. **Improvised Explosives** discusses the history and current state of development of IEDs.
6. **Fertilizer-Based Improvised Explosives** describes improvised explosive mixtures based on common fertilizers.
7. **Improvised Explosive Devices, Pipe Bombs, and Letter Bombs** explains the construction, design, and functioning of bombs produced from commonly available items.
8. **Air Blast and Post-Blast Pathology** describes the effects of explosives on the human body.
9. **Evidence and Forensics in Bomb Investigations** presents information on aiding and conducting bombing investigations.
10. **Incident Scene Operations** focuses on how agencies should respond to threats, detonations, and ongoing incidents.
11. **Suicide Bombings** describes the threat that suicide bombers pose and how to stop them.
12. **Air Blast Effects on Structures** explains how explosives damage buildings and the urban landscape.
13. **Case Study** covers recent WMD incidents and lessons learned from the responding agencies.
14. **Practical Exercises** provide the opportunity to apply the skills and knowledge acquired during the course.

Student Testimonial

“The structure of the class allows the student to fully comprehend the course. Hear it, See it, Experience it, Review it, Test. Excellent!”

Read a dramatic success story >>

All applications must be approved by your State Point of Contact for DHS ODP programs.

Click here to [find your State Point of Contact](#). For questions and inquiries, email respond@emrtc.nmt.edu or call 505-835-5573. The Energetic Materials Research and Testing Center (EMRTC) at New Mexico Tech in Socorro, NM, conducts training for first responders under a cooperative agreement with the Department of Homeland Security. The focus of our training is bombing incident response. We offer two resident training courses—*Incident Response to Terrorist Bombings (IRTB)* and *Prevention and Response to Suicide Bombing Incidents (PRSBI)*.

Both courses have been approved by the Department of Homeland Security and are provided to first responders in the public sector at state and local levels at no cost to the participant or his/her agency. Classes are scheduled throughout the year and we can normally accommodate preferences of participants in the scheduling process to support departmental and personal considerations.

The IRTB is a 3 ½ day program, with classes running from Monday through Thursday or Tuesday through Friday on training weeks. The PRSBI is a 4 ½ day program, with classes running from Monday through Friday on training weeks. Graduates of these courses who are certified by their departments as trainers are authorized to teach a ½ day awareness course in both subject areas to first responders in their agencies. Training materials to support local implementation are also provided at no cost to the agency.

Weapons of mass destruction (WMD) pose a critical threat to communities throughout the U.S. Despite the focus of preparedness activity on large communities on the east and west coasts, the bombing in Oklahoma City and several smaller attacks clearly establish that terrorists will sometimes look beyond major cities and target locations that otherwise would appear safe. Recent experiences also suggest that such attacks are likely to involve conventional explosives—the WMD addressed in EMRTC courses.

You can review information concerning our courses, dates of training, application procedures, etc. on our website <http://respond.emrtc.nmt.edu>

Greetings to all,

I have had many inquiries from first responders about attending the IRTB and PRSBI train the trainer courses back to back. The training would require travel on a Monday, attend the IRTB class Tuesday Through Friday and then travel to Deming NM for the PRSBI class which would start the following Monday and run through Friday.

Students would fly into Albuquerque on a Monday, rent a car and drive to Socorro to attend the IRTB class Tuesday – Friday. Students could either stay in Socorro or drive to Deming after class on Friday. They would need to be in Deming on Sunday to check into the Hotel. The PRSBI class would start on Monday and go through Friday. On Friday the participant would drive to El Paso and spend the night there. They would turn their rental vehicles in at the hotel in El Paso and be shuttled to the Airport for a Saturday morning Flight.

The combination of attending the classes Back to Back would require being away from work for 13 days. The Following dates are available to First responders for back to back classes:

April 20-23 IRTB
April 26-30 PRSBI

May 18-21 IRTB
May 24-28 PRSBI

June 8-11 IRTB
June 14-18 PRSBI

August 10-13 IRTB
August 16-20 PRSBI

December 7-10 IRTB
December 13-17 PRSBI

Please pass this information on to the first responders in your states. I will be happy to schedule those desiring to attend Back to back classes as Identified above. The above dates are available as of this date but may change as classes fill up.

Applications and additional information on the courses can be found at our website <http://respond.emrtc.nmt.edu>

Again Thanks so very much for your continued support of our WMD training programs.

R
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New Mexico Institute of Mining and Technology
Energetic Materials Research and Testing Center

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Preventing and Responding to Suicide Bombing Incidents (PRSBI) Course Description

[Technical Operations Level](#)

[Scope of Course](#)

[Field Laboratories](#)

[Course Application](#)

[Course Schedule](#)

[Performance Level](#)

Technical/Operations Level

- Four day, train-the-trainer course format
- Department of Homeland Security's (DHS) Office of State and Local Government Coordination and Preparedness (SLGCP) (formerly the Office for Domestic Preparedness) sponsored
- Provides the knowledge and skill for development of policies, procedures, training and operational capabilities to deter, prevent, interdict, respond to, and mitigate the effects of a suicide bombing
- Participants must be senior level decision makers in state and local police, fire, emergency medical services, and emergency management operations
- Course methodology includes classroom presentations, field laboratories, and practical exercises

Student Testimonial

“The structure of the class allows the student to fully comprehend the course. Hear it, See it, Experience it, Review it, Test. Excellent!”

[Read a dramatic success story >>](#)

Go to the following [Link](#) to find the Current schedule for the classes in 2010

To see the latest calendars for upcoming training please follow this link

<http://www.emrtc.nmt.edu/training/trainingschedule.php?displaynext=2>

Purpose

The primary purpose of the Incident Response to Terrorist Bombings course is to provide participants with the skills and knowledge necessary to evaluate and respond effectively to incidents of terrorism that may involve energetic materials and other weapons of mass destruction (WMD). An additional purpose of this course is to prepare selected participants in presenting awareness level training to personnel in their departments on procedures for responding to WMD incidents involving energetic materials. Furthermore, the course is designed to instill in participants a respect for the destructive potential of explosive materials that could be used by terrorists in a WMD incident.



Test Dummy

Target Audience

This course is designed for technical level firefighters, law enforcement personnel, and other emergency first responders who have responsibilities for responding to WMD incidents, particularly those involving the use of explosives or incendiaries. Furthermore, most of these personnel will have experience and job responsibilities related to training other personnel within their agencies.

This Course lasts 3 ½ days. If class starts on a Monday then travel will be on Sunday and Thursday afternoon. If class starts on a Tuesday then travel will be on Monday and Friday afternoon. Classes are usually filled two months in advance, however openings sometimes occur in earlier courses so you can request the earlier ones though they will probably be full. The Facility will usually notify you at least one month prior to attendance and I will also try to let you know. Please contact me when you receive your confirmation so I can keep accurate records of who has attended.

Rick H. Carlile
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