

# *Medical Preparedness and Response for Bombing Incidents*



## **MGT348 - Medical Preparedness and Response to Bombing Incidents - 16.00 Hours**

**Hosts:** The University of Illinois Environmental Health and Safety Office  
in conjunction with the UI Medical Center

### **Prerequisites:**

None, recommended familiarity with the National Incident Management System (NIMS) and the Incident Command System (ICS) via completion of FEMA independent study courses IS-100, IS-200, and IS-700 (or their equivalents)

### **Description:**

This course addresses medical preparedness for and response to blast effects through a combination of lectures, small group activities and tabletop participant exercises. Participants completing this course will gain an enhanced understanding and awareness of issues and considerations relating to a bombing incident. Content areas include identification of targets, explosives characteristics, pre-attack indicators, pre- and post-detonation response, bombing injuries, security, and resource management.



### **Topics:**

- Identification of Potential Terrorist Threats and Targets
- Explosives and Characteristics
- Pre-Attack Indicators of a Bombing Incident
- Pre-Detonation Response-Preventive, Preparatory, and Response Actions
- Post-Detonation Response-Field Scene Exercises/Triage
- Bombing Incident Injury Patterns and Treatment
- Post-Detonation Response-Bombing Incident Scene Safety and Security
- Resource Management for Bombing Incidents
- Integrating Exercise

## Audience:

The course development team identified the primary audience for this course as first receivers and first responders. This group consists of Emergency Medical Services (EMS) personnel and health care personnel such as nurses and physicians (particularly those who staff emergency rooms), trauma surgeons, and emergency managers. The secondary audience includes all other disciplines that may be involved in the medical response to an explosive incident, such as fire service, law enforcement, public works, and public health personnel

## Tactical - General Focus:

- Operational aspects to include clinically related discussion on blast injuries

## Strategic - General Focus:

- Administrative planning aspects to include efforts to promote integrated coordination of jurisdictional assets/planning/ and exercising

## Important Information:

**Date:** February 22 and 23, 2012

**Time:** 8:00am to 5:00pm

**Location:** University of Illinois @ Chicago  
Student Center West, 828 South  
Walcott - Chicago, Illinois, Second  
Floor - Chicago Room A

**CEU's** Upon successful completion of this course, This continuing education activity is approved by the Emergency Nurses Association (ENA) (15-hours) and American Academy of Family Physicians (AAFP)(15-hours), EMS (16-hours) and IACET for 1.6 CEUs.



**Price:** **This course is grant-funded and there is no direct cost for this course.**

**Class Size:** 50 Maximum – Please register early as seating is very limited.

**This course:** Represents a cooperative effort between the Energetic Materials Research and Testing Center (EMRTC) and the National Emergency Response and Rescue Training Center (NERRTC), which is operated by the Texas Engineering Extension Service, a member of The Texas a&M University System.

**Contact:** Dennis a. Terpin, PhD, [dterpin@uic.edu](mailto:dterpin@uic.edu), 630-699-7171