



2011-2012 EMERGENCY MANAGEMENT & HOMELAND SECURITY TRAINING CENTER COURSES

The Michigan Department of State Police (MSP) has partnered with the Michigan Department of Community Health (MDCH) to provide an online registration process and web-based learning community. MI-TRAIN is designed to give students a single location to register for courses, take online courses, and direct access to their certificates and transcripts. There are various ways to find courses; however, until you get acclimated to MI-TRAIN, the following is recommended when searching for Emergency Management and Homeland Security Division (EMHSD) courses:

1. Click on the "Course Search" tab at the top of the home page.
2. On the left side, select "By Sponsor/Offerer".
3. In the box, type MSP-EMHSD. Click on the Search button.
4. A listing of all MSP-EMHSD classes offered should appear.
5. If you would like the list to be presented alphabetically, click on the "Title" reference in the first row of the table.

IMPORTANT: The automatic system message students receive after submitting registration for a class states, "If you do not receive a reply in 7 business days, contact the approval manager." — This message is incorrect and the verbiage cannot be changed as it is embedded in the MI-TRAIN software. The EMHSD acceptance policy has not changed; students will be notified approximately three weeks prior to the date of the class with details on class information, if accepted into the class. Students will also be notified if they have been placed on a waiting list.

COURSE TITLE (Alphabetically Listed)	HOURS	DATES
Advanced CAMEO for All Hazards Suite (Mgt 320)	24	May 14-16, 2012
Air Monitoring for First Responder Operations Personnel	8	Call to schedule.
Air Monitoring for Hazardous Materials EPA 165.4	24	Call to schedule.
All-Hazards Incident Management Team: Finance Section Chief	24	December 13-15, 2011
All-Hazards Incident Management Team: Logistics Section Chief	40	December 5-9, 2011
All-Hazards Incident Management Team: Operations Section Chief	32	October 17-20, 2011
All-Hazards Incident Management Team: Planning Section Chief	32	November 7-10, 2011
All-Hazards Incident Management Team: Safety Officer	32	January 9-12, 2012
CBRNE/WMD Awareness (AWR-160)	8	December 12, 2011 April 12, 2012
CBRNE/WMD Defensive Operations	16	June 25-26, 2012
CBRNE/WMD Defensive Operations for Health Care Professionals	16	July 23-24, 2012
CBRNE/WMD Defensive Operations for Health Care Professionals -TTT	8	Call to schedule.
CBRNE/WMD Radiological/Nuclear Awareness	4	Call to schedule.
Chemistry I	24	October 4-6, 2011 April 9-11, 2012
Chemistry II	24	November 1-3, 2011 May 9-11, 2012
Command & Control of Fire Department Special Operations	16	August 8-9, 2012
Confined Space Rescue – Emergency Response 32 hr.	32	Call to schedule.
Confined Space Rescue – Private Sector	16	Call to schedule.
DHS-ODP Programs	Various	Various
Gasoline Tank Truck Emergencies	8	August 6, 2012
Hazardous Materials Branch Director/Group Supervisor/Assistant Safety Officer (NFPA 472, Chapter 11 and 12)	32	February 28-March 2, 2012
Hazardous Materials Incident Command Level Responder Refresher	8	Call to schedule.
Hazardous Materials Incident Response Operations EPA 165.5 (40-Hr. HAZWOPER)	40	March 26-30, 2012 August 20-24, 2012
Hazardous Materials Operations Level Responder Refresher	8	Call to schedule.
Hazardous Materials Operations Level Response - Private Sector	8, 16, or 24	Call to schedule.
Hazardous Materials Strategy and Tactics: Air Monitoring at Structure Fires	4	May 17, 2012
Hazardous Materials Strategy and Tactics: Chemical Suicides	4	February 28, 2012

Hazardous Materials Strategy and Tactics: Fuel Leaks and Spills	4	May 22, 2012
Hazardous Materials Strategy and Tactics: Suspicious Substances	4	February 7, 2012
Hazardous Materials Technician Level Responder Refresher	8	Call to schedule.
Hazardous Materials Technician Level Response - Private Sector – OSHA Compliant	24	Call to schedule.
Hazardous Materials Technician Part I	40	November 14-18, 2011 March 12-16, 2012 March 23, 24, 25, 30, 31, and April 1, 2012 June 11-15, 2012 September 17-21, 2012
Hazardous Materials Technician Part II	40	Nov. 28-Dec. 2, 2011 April 20-22 & 27-29, 2012 April 23-27, 2012 July 16-20, 2012
Hazardous Waste Operations (HAZWOPER) 8-Hr. Refresher	8	November 5, 2011 January 24, 2012 March 8, 2012 June 5, 2012 August 14, 2012
Hazardous Waste Operations for Site Supervisors	8	Call to schedule.
Hot Zone Rescue for First Responder Operations	8	Call to schedule.
Hot Zone Rescue for First Responder Operations TTT	8	Call to schedule.
ICS 300 – Intermediate ICS for Expanding Incidents	16	November 21-22, 2011 February 15-16, 2012
ICS 400 – Advanced ICS Command & General Staff–Complex Incidents	16	December 19-20, 2011 March 5-6, 2012
Incident Command System/Emergency Operations Center (ICS/EOC) Interface - All Disciplines	8	Call to schedule.
Intermodal Specialty for Hazardous Materials Technicians	16	March 22-23, 2012
Introduction to CAMEO Suite (PER 229)	24	February 21-23, 2012
Mercury Spill Response	8	Call to schedule.
Permit Required Confined Space (PRCS) Entry – Private Sector	24	Call to schedule.
Prevention & Response to Suicide Bombing Incidents	4	Call to schedule.
Professional Recognition Programs	Various	Various
Railcar Specialty for Hazardous Materials Technician	24	March 19-21, 2012
Sampling and Evidence Collection	8	Call to schedule.

Advanced CAMEO for All Hazards Suite (Mgt 320)

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This course is taught by National Center for Biomedical Research and Training Academy of Counter-Terrorist Education & Louisiana State University certified instructors. This performance-level course that is targeted at emergency responders and planners involved in planning for and responding to all-hazards emergency situations that may arise in their communities. The training reviews the fundamental elements of the CAMEO Suite (i.e. ALOHA, MARPLOT, Landview, and CAMEO [fm]) in relation to weapons of mass destruction (WMD) threats and includes detailed technical information and hands-on practice of critical elements of the Suite. To better understand how the programs interface, participants are provided opportunities to practice key CAMEO procedures that allow users to enhance planning and response activities associated with community risks. These exercises clarify the connections between the programs and how they can enhance emergency planning and response activities. The target audience for this course is EMS, EMA, FS, HC, HM, LE, or PH. This course is a U.S. Department of Homeland Security funded program, and is eligible for funding through the State Homeland Security Grant Program (SHSGP).

Prerequisite: Attendee must be an experienced CAMEO users with knowledge of CAMEO (fm) functions, ALOHA, and MARPLOT and familiarity with CAMEO (fm) Chemical Library functions

Hours: 24

Cost: No Fee

MI-TRAIN Course ID Number: 1029075

Dates and Locations: May 14-16, 2012 – Lansing

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Air Monitoring for First Responder Operations Personnel

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This one-day course provides participants with the knowledge and skills necessary to monitor for airborne hazardous substances at incidents. The primary focus of this course will be the first due company and what their priorities are for air monitoring and corresponding action levels. Through the utilization of basic air monitoring, the first due company can better identify the hazards and choose the best course of actions based on the principles of risk based response. A variety of instruments will be used during the course presentation and practical exercises, including combustible gas indicators, oxygen sensors, and different test papers. A must attend course for every operations trained first responder.

This course is Department of Homeland Security (DHS) accepted and applicable to the use of DHS grant funds.

Prerequisite: Hazardous Materials First Responder Operations

Hours: 8

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Air Monitoring for Hazardous Materials EPA 165.4

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This three-day course provides participants with the knowledge and skills necessary to monitor and sample for airborne hazardous substances. A variety of instruments will be used during the course presentation and practical exercises, including combustible gas indicators, oxygen sensors, colorimetric tubes, photo ionization detectors, flame ionization detectors, and sampling pumps. Topics to be covered include monitoring programs, monitoring and sampling techniques, equipment selection, equipment calibration and use, exposure guidelines, air dispersion modeling, and safety planning.

This course is Department of Homeland Security (DHS) accepted and applicable to the use of DHS grant funds.

Prerequisite: Hazardous Materials Technician Part I

Hours: 24

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

All-Hazards Incident Management Team: Finance Section Chief

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This course is designed to provide local and State-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Finance/Administration Section Chief (FSC) on an All-Hazards Incident Management Team (AHIMT). These responsibilities fall into two categories: 1) managing the Finance/Administration Section personnel, and 2) managing the finances and administrative responsibilities during an incident. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

Selection Criteria: NIMS ICS Position Specific training should be completed by personnel who are regularly assigned to functional, support, or unit leader positions on USFA or other Type III All-Hazards Incident Management Teams (AHIMT), or by those persons who desire to seek credentials/certification in those positions.

Prerequisites: ICS 100, ICS 200, IS 700, IS 800b, ICS 300, and ICS 400

Hours: 24

Cost: No Charge

MI-TRAIN Course ID Number: 1029087

Dates and Locations: December 13-15, 2011 – Lansing

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All-Hazards Incident Management Team: Logistics Section Chief

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This course is designed to provide local and State-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Logistics Section Chief (LSC) on an All-Hazards Incident Management Team (AHIMT). These responsibilities fall into two categories: 1) responding to the incident, and 2) effectively fulfilling the position responsibilities of a Logistics Section Chief on an AHIMT. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

Selection Criteria: NIMS ICS Position Specific training should be completed by personnel who are regularly assigned to functional, support, or unit leader positions on USFA or other Type III All-Hazards Incident Management Teams (AHIMT), or by those persons who desire to seek credentials/certification in those positions.

Prerequisites: ICS 100, ICS 200, IS 700, IS 800b, ICS 300, and ICS 400

Hours: 40

Cost: No Charge

MI-TRAIN Course ID Number: 1029042

Dates and Locations: December 5-9, 2011 – Lansing

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All-Hazards Incident Management Team: Operations Section Chief

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This course is designed to provide local and State-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Operations Section Chief (OSC) on an All-Hazards Incident Management Team (AHIMT). These responsibilities fall into two categories: 1) responding to the incident and the command needs of the incident, and 2) effectively fulfilling the position responsibilities of an OSC on an AHIMT. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

Selection Criteria: NIMS ICS Position Specific training should be completed by personnel who are regularly assigned to functional, support, or unit leader positions on USFA or other Type III All-Hazards Incident Management Teams (AHIMT), or by those persons who desire to seek credentials/certification in those positions.

Prerequisites: ICS 100, ICS 200, IS 700, IS 800b, ICS 300, and ICS 400

Hours: 32

Cost: No Charge

MI-TRAIN Course ID Number: 1028997

Dates and Locations: October 17-20, 2011 – Lansing

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All-Hazards Incident Management Team: Planning Section Chief

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This course is designed to provide local and State-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Planning Section Chief (PSC) on an All-Hazards Incident Management Team (AHIMT). These responsibilities fall into two categories: 1) managing the planning cycle, and 2) tracking resources and incident status. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

Selection Criteria: NIMS ICS Position Specific training should be completed by personnel who are regularly assigned to functional, support, or unit leader positions on USFA or other Type III All-Hazards Incident Management Teams (AHIMT), or by those persons who desire to seek credentials/certification in those positions.

Prerequisites: ICS 100, ICS 200, IS 700, IS 800b, ICS 300, and ICS 400

Hours: 32

Cost: No Charge

MI-TRAIN Course ID Number: 1029012

Dates and Locations: November 7-10, 2011 – Lansing

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All-Hazards Incident Management Team: Safety Officer

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This course is designed to provide local- and State-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Safety Officer (SOFR) on an All-Hazards Incident Management Team (AHIMT). These responsibilities fall into two categories: 1) responding to the incident and the safety needs of the incident, and 2) effectively fulfilling the position responsibilities of a Safety Officer on an AHIMT. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

Selection Criteria: NIMS ICS Position Specific training should be completed by personnel who are regularly assigned to functional, support, or unit leader positions on USFA or other Type III All-Hazards Incident Management Teams (AHIMT), or by those persons who desire to seek credentials/certification in those positions.

Prerequisites: ICS 100, ICS 200, IS 700, IS 800b, ICS 300, and ICS 400

Hours: 32

Cost: No Charge

MI-TRAIN Course ID Number: 1029047

Dates and Locations: January 9-12, 2012 – Lansing

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CBRNE/WMD Awareness (AWR-160)

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Developed by the National Domestic Preparedness Consortium (NDPC), this WMD Awareness course is a six-hour training program providing emergency responders with awareness-level instruction about recognition, avoidance, isolation, and notification techniques in a weapon of mass destruction (WMD) environment. This course covers the strategies of prevention, deterrence, and identification of potential terrorist acts, as well as targets, and chemical, biological, radiological, nuclear, and explosive (CBRNE) hazards.

Hours: 8

Cost: No Fee

MI-TRAIN Course ID Number: 1029043

Dates and Locations: December 12, 2011 – Lansing
April 12, 2012 – Lansing

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CBRNE/WMD Defensive Operations

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This 16-hour course, recommended for Law Enforcement, is a CBRNE Mission Specific, Operations Level course focusing on the special challenges responders face dealing with a WMD (CBRNE) or terrorist incident. This course meets all competencies identified for WMD response in the revised 2007 NFPA 472 standard, Chapter 5.

Participants will learn how to respond to a CBRNE incident in a defensive mode. Concentrating on the characteristics of these materials, responders will be able to prevent the spread of the hazard to the public and environment. The CBRNE Defensive Operations course will provide the tools necessary to respond safely and effectively to CBRNE incidents. This course also includes an assessment of a mass casualty incident, emergency decontamination, mass decontamination, and the ability to determine downwind hazards.

This course is designed around lectures, interactive exercises, and group scenarios which include seven distinct modules. Included in each module are activities and exercises designed to allow participants to apply the information learned in each module.

Restricted to: Fire, Law Enforcement, Emergency Management, or other responding disciplines

Prerequisite: CBRNE/WMD Awareness

Hours: 16

Cost: \$290 (1 night of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029092

Dates and Locations: June 25-26, 2012 – Lansing

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CBRNE/WMD Defensive Operations for Health Care Professionals

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This 16-hour course includes materials that bring the student up to the hazmat operations level and covers the additional information required by the OSHA First Receiver Standard regarding decontamination and personal protective equipment for hospital personnel. Also covered in this course is information about weapons of mass destruction and the decontamination of those agents. This class provides hands-on decontamination activities, decon line setup, and dressout in protective clothing to support the classroom presentations.

Prerequisite: CBRNE/WMD Awareness is recommended

Hours: 16

Cost: \$290 (1 night of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029097

Dates and Locations: July 23-24, 2012 – Lansing

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CBRNE/WMD Defensive Operations for Health Care Professionals Train-the-Trainer

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This eight-hour course includes materials covered in the CBRNE/WMD Defensive Operations for Health Care Professionals course, but is taught at a pace for people who will be instructing their own staff. Also covered will be suggestions about presenting the course material. This course is geared for people who already have training skills and are presently instructors.

Prerequisites: CBRNE/WMD Defensive Operations for Health Care Professionals and be a Certified Instructor.

Hours: 8

Call (517) 322-5922 or e-mail reillyd1@michigan.gov for cost and to schedule.

CBRNE/WMD Radiological/Nuclear Awareness

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This course is an ODP certified training course which is a weapons of mass destruction (WMD) radiological/nuclear overview designed for first responders and other personnel likely to be the first to arrive on the scene of a radiological/nuclear incident. This course focuses on the basics of radiation, possible health effects, hazard identification, and proper notification procedures. The course consists of classroom instruction by United States Department of Homeland Security, Office of Domestic Preparedness certified instructors.

Hours: 4

Call (517) 322-5922 or e-mail reillyd1@michigan.gov for cost and to schedule.

Chemistry I

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The Chemistry of Hazardous Materials courses presented by the Emergency Management and Homeland Security Training Center are designed to meet the needs of personnel involved at various stages of hazardous materials planning and response. The Chemistry course series provides a chemistry background for any person who comes in contact with hazardous materials in transportation, a facility, or the workplace, and provides practical application of this knowledge to planning activities, hazard communication programs, and chemical spill responses.

Chemistry I provides students with an introduction to the chemistry of hazardous materials. This course will explore basic chemistry concepts, areas such as: elements, atomic structure, the periodic table, electronic configuration, bonding, and chemical formulas. In addition, the chemistry and hazards associated with hydrocarbons, hydrocarbon derivatives, and fire and pyrolysis will be covered in detail.

Hours: 24

Cost: \$445 (2 nights of double occupancy lodging included)

MI-TRAIN Course ID Number: 1028961

Dates and Locations: October 4-6, 2011 – Lansing
April 9-11, 2012 – Lansing

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Chemistry II

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Chemistry II is the next level course in this series which reinforces the information and concepts learned in Chemistry I. This course will explore, in detail, the chemistry of each of the Department of Transportation's (DOT's) nine hazard classes.

Prerequisite: Chemistry I

Hours: 24

Cost: \$390 (2 nights of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029000

Dates and Locations: November 1-3, 2011 – Lansing
May 9-11, 2012 – Lansing

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Command & Control of Fire Department Special Operations

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This course is intended for chief officers, company officers, emergency operation center (EOC) staff, incident management team (IMT) members, or other senior public safety staff that may be required to serve as the incident commander, general staff, or in a command role at a special operations incident.

Hazardous materials and technical rescue emergencies will challenge even veteran incident commanders. This course will prepare fire department and public safety command officers to manage special operations incidents including rope rescues, confined space incidents, trench cave ins, building collapses, and hazardous materials incidents.

The focus of this course will be at the strategic level, including scene management, resource deployment, development of an incident action plan, overseeing site safety, and controlling the operations of specialized response teams. The training provided will meet and exceed MIOSHA and NFPA competencies for hazmat incident commander and rope, confined space, trench, and collapse rescue awareness.

Prerequisites: First Responder Operations and ICS 200

Suggested Courses: Incident Command System (ICS) 300 and Incident Command System (ICS) 400

Hours: 16

Cost: \$245 (2 nights of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029103

Dates and Locations: August 8-9, 2012 – Lansing

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Confined Space Rescue – Emergency Response 32-Hour

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This course has been developed for members of public and private sector emergency rescue organizations and meets the objectives of the NFPA 1670 Technical Rescue Standard. This course provides the information and skills necessary for emergency response organizations to effectively and safely conduct confined space rescue operations. Areas covered will include: confined space regulations, incident management, interior operations, atmospheric monitoring, rescue ventilation, lockout for rescue, respiratory protection, PPE, rescue team development, and pre-planning.

Hours: 32

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Confined Space Rescue – Private Sector

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Under existing health and safety rules, rescue capability must be readily available at every location where workers enter a permit-required confined space (PRCS). The primary goal of this rescue course is to teach students how to develop pre-accident plans for various rescues and rescue skills needed to remove a victim from a permit space.

This two-day course is for anyone who, during the course of their employment, is expected to make rescues from confined spaces. This course is a combination of classroom and practical scenarios in actual confined spaces. The program content is easily modified to meet the specific hazards of the PRCS of your facility.

Course Objectives

- Preparing a rescue plan
- Rescue equipment overview
- Patient packaging
- Air supply systems
- Command and communicator (radio communications systems)
- Air monitoring
- Lockout/tagout

Prerequisite: Permit Required Confined Space Entry - Private Sector

Hours: 16

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

DHS-ODP Programs

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The Office for Domestic Preparedness (ODP) is the lead federal agency for the development and delivery of Weapons of Mass Destruction (WMD) terrorism response training for the nation's federal, state, and local public safety personnel. The ODP training program enhances the capability of the nation to prepare for and respond to events of terrorism involving weapons of mass destruction, including Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) devices. The ODP awards grants to state and local jurisdictions based upon needs and vulnerability assessments. The ODP provides assistance to state and local jurisdictions through equipment acquisition support, training, exercises, and technical assistance.

The ODP training programs are tailored for a broad spectrum of emergency responders, including fire service, hazardous materials, law enforcement, emergency medical services, public health, emergency management, public works agencies, governmental administrative, healthcare, and public safety communications.

ANNISTON, ALABAMA

<http://cdp.dhs.gov/>

- WMD Technical Emergency Response Training Course (TERT) *This course is not for HAZMAT technicians.
- WMD Hazardous Material Technician Training Course (HT)
- WMD Incident Command Training Course (IC)
- WMD Hands-On Training Course (HOT)
- WMD Law Enforcement Protective Measures (LEPM TtT)
- Instructor Training Certification Course (ITC)
- Health Care Leadership and Administrative Decision-Making in Response to WMD Incidents (NOBLE)

Hours: Vary

Fee: No Charge

DUGWAY, UTAH - Advanced

www.acbirc.net

- Chemical/Biological Integrated Response Course (ACBIRC)

Hours: Vary

Fee: No Charge

BECTEL, NEVADA - WMD

www.nv.doe.gov/combatingterrorism

- WMD Radiological/Nuclear Course for HazMat Technicians

Hours: Vary

Fee: No Charge

Prerequisites: Hazmat Technician

SOCORRO, NEW MEXICO

www.emrtc.nmt.edu

- Incident Response to Terrorist Bombings Course (IRTB)
- Prevention and Response to Suicide Bombing Incidents (PRSBI)

Hours: Vary

Fee: No Charge

Prerequisites: Limited to operational and technical level firefighters, law enforcement officers with specialized skills/responsibilities, and other emergency response personnel with a demonstrated need for this training.

Please contact the State of Michigan Point of Contact (POC), Sgt. Mardella Horhn at 517-322-1585 or e-mail HorhnM@michigan.gov to apply for these courses.

Gasoline Tank Truck Emergencies

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Gasoline tank trucks travel through almost every community in Michigan, and most of the time they safely deliver their product without incident. Unfortunately, when an accident does happen, it can quickly escalate to a major emergency. Is your department prepared if you are called to a gasoline tank truck that is rolled over, leaking, or on fire?

This eight-hour Gasoline Tank Truck Emergencies course will train responders on the proper steps to take at gasoline tank truck emergencies. This course will cover first responder operations including hot zone, rescue operations, emergency valve shut off, car vs. tanker with extrication, defensive leak control, and fire attack. Technician level topics will include dome clamp application, foam considerations, alternative fuels, scene management, bonding/grounding and overseeing product transfers. Command level topics will include strategy selection, developing incident action plans, evacuations, resource deployment, mutual aid/inter-agency cooperation, and environmental considerations.

This course, including a mobile tank truck prop, can also be taught onsite at your department or academy by sending a request to sharpg2@michigan.gov.

Hours: 8

Cost: \$155

MI-TRAIN Course ID Number: 1029099

Dates and Locations: August 6, 2012 – Lansing

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Hazardous Materials Branch Director/Group Supervisor/Assistant Safety Officer (NFPA 472, Chapter 11 and 12)

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This four-day course is intended to provide participants with the knowledge and skills necessary to meet the educational competencies as outlined in NFPA 472, Chapter 11: Competencies for the Hazardous Materials Branch Director and Chapter 12: Competencies for the Hazardous Materials Branch Safety Officer. The Hazardous Materials Branch Director is the person responsible for directing and coordinating all operations assigned to the hazardous materials branch by the Incident Commander. The Hazardous Materials Branch Safety Officer is the person working within the Unified Incident Command System (UICS) to ensure that recognized safe practices are followed within the hazardous materials branch.

This course is designed around lecture, group led discussions, and multiple tabletop exercises. This course can also be taught onsite at your department by sending a request to garciat@michigan.gov.

Prerequisite: Hazardous Materials Technician Parts I & II

Hours: 32

Cost: \$390

MI-TRAIN Course ID Number: 1030723

Dates and Locations: February 28-March 2, 2012 – Lansing

Hazardous Materials Incident Command Level Responder Refresher [Return to List](#)

In accordance to OSHA CFR 1910.120 and MIOSHA Part 432 the HAZWOPER standards, those trained as Incident Commanders, first responder operational level responder, or hazmat technicians for response to hazmat incidents will require annual refresher training.

"Those employees who are trained in accordance with the provisions of this rule (MIOSHA Part 432) shall receive annual refresher training of sufficient content and duration to remain competent with respect to their duties and functions or shall demonstrate competency in those areas at least yearly."

This program will review the following competencies for Incident Commanders:

1. Knowing and being able to implement the employer's incident command system.
2. Knowing how to implement the employer's emergency response plan.
3. Knowing and understanding the hazards and risks associated with employees who work in chemical protective clothing.
4. Knowing how to implement the local emergency response plan.
5. Being aware of the state emergency response plan and the federal regional response team.
6. Knowing and understanding the importance of decontamination procedures.

Prerequisites: Hazardous Materials First Responder Operations, ICS 100, 200 or equivalent

Hours: 8

Call (517) 322-1853 or e-mail garcia@michigan.gov for cost and to schedule.

Hazardous Materials Incident Response Operations EPA 165.5 (40-hr. HAZWOPER)

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Michigan's Emergency Management and Homeland Security Training Center is an approved external provider of this EPA 40-hour training program which is designed for personnel involved with the investigation and remediation of hazardous waste sites. Upon completion of this, students will be more knowledgeable about hazardous waste site operations, team functions, personnel health and safety, and field monitoring equipment. The following topics are included in this course: hazard recognition, air monitoring, toxicology, respiratory protection, levels of protection and chemical protective clothing, site entry and reconnaissance, radiation survey instruments, decontamination, and response organization. This course is based on HAZWOPER 1910.120.

Hours: 40

Cost: \$615 (4 nights of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029070

Dates and Locations: March 26-30, 2012 – Lansing
August 20-24, 2012 – Lansing

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Hazardous Materials Operations Level Responder Refresher

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In accordance to OSHA CFR 1910.120 and MIOSHA Part 432 the HAZWOPER standards, those trained as Incident Commanders, first responder operational level responder, or hazmat technicians for response to hazmat incidents will require annual refresher training.

"Those employees who are trained in accordance with the provisions of this rule (MIOSHA Part 432) shall receive annual refresher training of sufficient content and duration to remain competent with respect to their duties and functions or shall demonstrate competency in those areas at least yearly."

This program will address all defensive tactical responsibilities operational level trained personnel have for performing at hazmat incidents including:

1. Knowledge of the basic hazard and risk assessment techniques.
2. Knowing how to select and use proper personal protective equipment provided to the first responder operational level.
3. Understanding basic hazardous materials terms.
4. Knowing how to perform basic control, containment, and confinement operations within the capabilities of the resources and personal protective equipment available to their unit.
5. Knowing how to implement basic decontamination procedures.
6. Understanding the relevant standard operating procedures and termination procedures.

Prerequisite: Hazardous Materials First Responder Operations

Hours: 8

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Hazardous Materials Operations Level Response – Private Sector

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This program is designed for private sector and intended to provide the client with the minimum amount of training required under OSHA regulations and applicable MIOSHA rules. Course content includes implementing the employer's emergency response plan, use of field survey instruments to classify, identify, and verify hazardous materials used on site, incident command, use of personal protective equipment provided by the employer, decontamination, hazard/risk assessment, control/containment/confinement techniques, termination procedures, and basic chemical and toxicological terminology and behavior relevant to the materials used or stored on site.

Prerequisite: Hazard Communication or Hazardous Materials First Responder Awareness

Hours: 8, 16, or 24 hours – based upon each facility's site-specific hazards

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Hazardous Materials Team Strategy and Tactics: Air Monitoring at Structure Fires

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This four hour course is intended to provide hazmat officers or experienced hazmat technicians with current best practices for conducting air monitoring at structure fires. Topics will include residential fires, industrial fires, and fires with hazardous materials involved.

This course will cover: toxicity of smoke, effects of carbon monoxide, effects of hydrogen cyanide, deploying air monitors at fires, monitoring particulates, deploying Area Raes, determining action levels, public protective actions, calling for additional resources, and use of respirators during overhaul/investigations.

Students will be provided with a model response procedure (SOP) and air monitoring tables they can implement or modify for their team.

Prerequisite: Hazardous Materials Technician

Hours: 4

Cost: \$95

MI-TRAIN Course ID Number: 1029101

Dates and Locations: May 17, 2012 - Lansing

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Hazardous Materials Team Strategy and Tactics: Chemical Suicides

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This four hour course is intended to provide hazmat officers or experienced hazmat technicians with current best practices for responding to hazmat incidents involving chemical suicides. Topics will include suicides using hydrogen sulfide, aluminum phosphide, hydrogen cyanide, along with helium and other asphyxiates.

The tactics course will cover: suicide recipes being used, chemical/physical properties of associated chemicals, recognition of a possible chemical suicide, rescue efforts of first responders, determining the hot zone, hazmat team PPE selection, hot zone air monitoring, decon for hazmat and victims, evidence preservation, and disposal of remaining chemicals.

Students will be provided with a model chemical suicide response procedure (SOP) and checklists they can implement or modify for their team.

Prerequisite: Hazardous Materials Technician

Hours: 4

Cost: \$95

MI-TRAIN Course ID Number: 1029063

Dates and Locations: February 28, 2012 - Lansing

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Hazardous Materials Team Strategy and Tactics: Fuel Leaks and Spills [Return to List](#)

This four hour course is intended to provide hazmat officers or experienced hazmat technicians with current best practices for responding to hazmat incidents involving a leak or spill of a flammable liquid. Topics will include mitigating small fuel spills, handling saddle tank leaks, spills in drains/sewers, and major fuel spills.

This course will cover: chemical physical properties of hydrocarbons vs. polar solvents, foam operations, leak control, bonding/grounding procedures, PPE selection, absorbing spills, fuel transfer procedures, safety considerations, emulsifying spills, and working alongside private contractors to mitigate spills.

Students will be provided with a model flammable liquid spill response procedure (SOP) and checklists they can implement or modify for their team.

Prerequisite: Hazardous Materials Technician

Hours: 4

Cost: \$95

MI-TRAIN Course ID Number: 1029102

Dates and Locations: May 22, 2012 – Lansing

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Hazardous Materials Team Strategy and Tactics: Suspicious Substances [Return to List](#)

This four hour course is intended to provide hazmat officers or experienced hazmat technicians with current best practices for responding to hazardous materials incidents involving suspicious substances. Topics will include threatening letters, unknown powders, anthrax threats, etc.

This course will cover: providing advice to first responders already on scene, deciding when to decon victims, conducting a risk assessment, overview of hot zone sampling protocols, chain of custody, field safety screening of unknown substances, field testing of unknown substances, coordinating a threat assessment with the FBI, and sending samples to the lab.

Students will be provided with a model suspicious substance response procedure (SOP) and checklists they can implement or modify for their team.

Prerequisite: Hazardous Materials Technician

Hours: 4

Cost: \$95

MI-TRAIN Course ID Number: 1029061

Dates and Locations: February 7, 2012 – Lansing

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Hazardous Materials Technician Level Responder Refresher

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In accordance to OSHA CFR 1910.120 and MIOSHA Part 432 the HAZWOPER standards, those trained as Incident Commanders, first responder operational level responder, or hazmat technicians for response to hazmat incidents will require annual refresher training.

"Those employees who are trained in accordance with the provisions of this rule (MIOSHA Part 432) shall receive annual refresher training of sufficient content and duration to remain competent with respect to their duties and functions or shall demonstrate competency in those areas at least yearly."

This program will address all offensive tactical responsibilities technician level trained personnel have for performing at hazmat incidents including:

1. Knowing how to implement the employer's emergency response plan.
2. Knowing the classification, identification, and verification of known and unknown materials by using field survey instruments and equipment.
3. Being able to function within an assigned role in the incident command system.
4. Knowing how to select and use proper specialized chemical personal protective equipment provided to the hazardous materials technician.
5. Understanding hazard and risk assessment techniques.
6. Being able to perform advance control, containment, and confinement operations within the capabilities of the resources and personal protective equipment available to the unit.
7. Understanding and implementing decontamination procedures.
8. Understanding termination procedures.
9. Understanding basic chemical and toxicological terminology and behavior.

This course can also be brought to your facility by calling 517-322-5922 for the cost and to schedule.

Prerequisite: Hazardous Materials Technician (24-hour, 40-hour, or 80-hour)

Hours: 8

Call (517) 322-5922 or e-mail reillyd1@michigan.gov for cost and to schedule.

Hazardous Materials Technician Level Response – Private Sector – OSHA Compliant

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This course provides information and skills needed to recognize, evaluate, and control an incident involving the release, or potential release, of hazardous materials at the technician level. The focus of this course is on recognizing and evaluating a hazardous materials incident, organizing the response team, identifying and using response resources, decision-making, and protecting the public and environment. Participants will wear fully encapsulating chemical protective ensembles.

This course addresses the training competencies of 29 CFR 1910.120 and Michigan's CIS/OHS-HAZWOPER Part 432.

Course content includes implementing the employer's emergency response plan, use of field survey instruments to classify, identify, and verify hazardous materials used on-site, incident command, use of personal protective equipment provided by the employer, decontamination, hazard/risk assessment, control/containment/confinement techniques, termination procedures, and basic chemical and toxicological terminology and behavior relevant to the materials used or stored on-site. Students will qualify to perform limited offensive tactics required for site specific hazards.

The course length will be at a minimum 24 hours and up to 40 hours. A site hazard analysis will be performed of the facility to determine the recommended length the program should be.

Prerequisite: Hazardous Materials First Responder Operations

Hours: 24

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Hazardous Materials Technician Part I

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This course provides information and skills needed to recognize, evaluate, and control an incident involving the release, or potential release, of hazardous materials at the technician level. The focus of this course is on recognizing and evaluating a hazardous materials incident, organizing the response team, identifying and using response resources, decision-making, and protecting the public and environment. This course contains approximately 24 hours of classroom presentation, and 16 hours of hands-on exercises and equipment use, thus allowing for the practical application of all lecture and hands-on information the students have received. Participants will wear fully encapsulating chemical protective ensembles.

This course has been completely reworked and overhauled to better meet the needs of the hazardous materials response community to achieve the NIMS requirements for Hazardous Materials Response Teams and addresses the competencies of 29 CFR 1910.120, Michigan's CIS/OHS-HAZWOPER Part 432, NFPA 472, and HMEP Guidelines for Public Sector Hazardous Materials Training. The new program is based on an 80-hour training curriculum that is broken down into many formats to allow more responders the opportunity to attend the training.

Prerequisite: Hazardous Materials First Responder Operations

Hours: 40

Cost: \$615 (4 nights of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029020

Dates and Locations: November 14-18, 2011 – Lansing

March 12-16, 2012 – Lansing

March 23, 24, 25, 30, 31 and April 1, 2012 – Lansing *

June 11-15, 2012 – Lansing

September 17-21, 2012 – Lansing

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* Weekend Course Hours: Friday 6 p.m.–10 p.m., Saturday and Sunday 8 a.m.–5 p.m.

Hazardous Materials Technician Part II

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This advanced-level course includes specific training about a variety of fixed site and transportation topics an emergency responder is likely to encounter. Instruction and practical application is included regarding small package goods, chlorine cylinders, drum patching/handling, highway cargo tanks, railroad tank cars, product transfer operations, and above-ground storage tanks. The skills learned are reinforced through a variety of hands-on applications and response scenarios.

This course has been completely reworked and overhauled to better meet the needs of the hazardous materials response community to achieve the NIMS requirements for Hazardous Materials Response Teams and addresses the competencies of 29 CFR 1910.120, Michigan's CIS/OHS-HAZWOPER Part 432, NFPA 472, and HMEP Guidelines for Public Sector Hazardous Materials Training. The new program is based on an 80-hour training curriculum that is broken down into many formats to allow more responders the opportunity to attend the training.

Prerequisite: Hazardous Materials Technician Part I or Emergency Response to Hazardous Materials Incidents (ERTHMI) EPA 165.15

Hours: 40

Cost: \$615 (4 nights of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029041

Dates and Locations: November 28-December 2, 2011 – Lansing

April 20-22 & 27-29, 2012 – Lansing *

April 23-27, 2012 – Lansing

July 16-20, 2012 – Lansing

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* Weekend Course Hours: Friday 6 p.m.–10 p.m., Saturday and Sunday 8 a.m.–5 p.m.

Hazardous Waste Operations (HAZWOPER) 8-Hour Refresher

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This one-day course provides participants with the opportunity to review and practice the skills originally presented in 24-hour and 40-hour training programs. This course is intended to meet OSHA annual refresher training requirements.

This course can also be brought to your facility and delivered to a group. For additional information or for the cost of bringing this course on-site, please call 517-322-1853 or e-mail garciat@michigan.gov.

Prerequisite: 24-hour or 40-hour HAZWOPER course

Hours: 8

Cost: \$155

MI-TRAIN Course ID Number: 1029004

Dates and Locations: November 5, 2011 – Lansing
January 24, 2012 – Lansing
March 8, 2012 – Lansing
June 5, 2012 – Lansing
August 14, 2012 – Lansing

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Hazardous Waste Operations for Site Supervisors

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Developed for on-site management and supervisory personnel, this one-day course provides instruction as required by MIOSHA Rule 325.52110(5). Topics include developing and/or implementing the employer's safety and health program, employee training programs, personal protective equipment program, spill containment, and health hazard monitoring procedures and techniques.

Hours: 8

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Hot Zone Rescue for First Responder Operations

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The most dangerous element of any HAZMAT incident, both to the exposed victims and the rescuers, is the rescue from the hot zone. Rescue operations should always be performed using appropriate protective equipment (PPE). With the most recent revision to NFPA 472 and the addition of Mission specific objectives, properly trained First Response Operations trained personnel can perform "Hot Zone Rescue". This program will identify the needed competencies for the responder to perform safely and effectively using firefighter turn out gear to perform hot zone rescue. Students need to bring a set of firefighter turnout gear with hood, gloves, and boots to this course.

Prerequisite: Hazardous Materials First Responder Operations

Hours: 8

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Hot Zone Rescue for First Responder Operations Train-the-Trainer

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This eight-hour course includes materials covered in the Hot Zone Rescue for First Responder Operations course, but is taught at a pace for people who will be instructing their own staff. Also covered will be suggestions about presenting the course material. This course is geared for people who already have training skills and are presently instructors.

Prerequisites: Hot Zone Rescue for First Responder Operations and Hazardous Materials Technician Parts I & II

Hours: 8

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

ICS 300 – Intermediate ICS for Expanding Incidents

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This course provides training on and resources for personnel who require advanced application of the Incident Command System (ICS).

The target audience for this course is for individuals who may assume a supervisory role in expanding incidents or Type 3 incidents. Note: During a Type 3 incident, some or all of the Command and General Staff positions may be activated, as well as Division/Group Supervisor and/or Unit leader level positions. These incidents may extend into multiple operational periods. This course expands upon information covered in the ICS-100 and ICS-200 courses.

Prerequisites: ICS-100 and ICS-200

Hours: 16

Cost: \$245 (1 night of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029037

Dates and Locations: November 21-22, 2011 – Lansing
February 15-16, 2012 – Lansing

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ICS-400 Advanced ICS Command and General Staff – Complex Incidents

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This course provides training on and resources for personnel who require advanced application of the Incident Command System (ICS).

The target audience for this course is senior personnel who are expected to perform in a management capacity in an Area Command or Multi-agency Coordination Entity. This course expands upon information covered in the ICS-100, ICS-200, and ICS-300 courses.

The course goals are as follows:

- Explain how major incidents engender special management challenges.
- Describe the circumstances in which an Area Command is established.
- Describe the circumstances in which multiagency coordination systems are established.

Prerequisites: ICS-100, ICS-200, and ICS-300

Hours: 16

Cost: \$245 (1 night of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029045

Dates and Locations: December 19-20, 2011 – Lansing
March 5-6, 2012 – Lansing

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Incident Command System/Emergency Operations Center (ICS/EOC) Interface – All Disciplines

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This course will introduce you to the roles of the Incident Command System (ICS) and Emergency Operations Centers (EOCs) during emergency operations, and discuss ways to develop an ICS/EOC interface implementation strategy or action plan for your community.

Prerequisite: IS-100, IS-200 or equivalent

Hours: 8

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Intermodal Specialty for Hazardous Materials Technicians

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Intermodal containers are containers which can be used interchangeably in different modes of transportation. Examples of intermodal containers include both tank and box containers. More than four million such containers are in use around the world. Problems may arise when hazardous materials are packed - whether properly or improperly - inside intermodal containers and external markings are not present to warn workers or emergency responders of the contents.

This program provides information for emergency responders and industry personnel who work with or who may respond to emergencies involving intermodal containers. It covers:

- How intermodal containers are constructed and used
- How accidents happen
- Standards for IMO Type 1, Type 2, Type 5 and Type 7 containers
- Features of specialized containers
- Safety procedures to minimize accidents during loading and unloading operations
- Procedures for safe response to emergencies involving both tank and box containers
- Identifying hazardous materials
- Using protective clothing
- Isolating the accident scene
- Managing leaks and fires

This program will meet all competencies in NFPA 472 Chapter 14 “Competencies for Technicians with an Intermodal Tank Specialty”.

Prerequisite: Hazardous Materials Technician NFPA 472 Chapter 7 compliance

Hours: 16

Cost: \$445 (1 night of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029067

Dates and Locations: March 22-23, 2012 – Lansing

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Introduction to CAMEO Suite (PER 229)

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This course is taught by National Center for Biomedical Research and Training Academy of Counter-Terrorist Education & Louisiana State University certified instructors. This performance-level course provides training on the fundamental elements of the CAMEO Suite of programs as they relate to emergency situations. As such, it includes detailed technical information and hands-on practice of critical elements of the CAMEO fm system and its associated programs (ALOHA, MARPLOT, Landview, and Tier II Submit). To better understand how the programs interface, participants are provided opportunities to practice key procedures that allow users to enhance planning and response activities associated with community risks. These exercises clarify the connections between the programs and how they can enhance emergency planning and response activities. The target audience for this course is EMS, EMA, FS, HC, HM, LE, or PH. This course is a U.S. Department of Homeland Security funded program, and is eligible for funding through the State Homeland Security Grant Program (SHSGP).

Hours: 24

Cost: No Fee

MI-TRAIN Course ID Number: 1029062

Dates and Locations: February 21-23, 2012 – Lansing

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Mercury Spill Response

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Hazardous materials responders are presented with many challenges when operating at a mercury-spill emergency. These challenges include air monitoring capabilities, personnel protection, product recovery and removal. This 4-hour training course will introduce risk based response tactical guidelines and emergency handling techniques for mercury related spills.

Hours: 4

Call (517) 322-5922 or e-mail reillyd1@michigan.gov for cost and to schedule.

Permit Required Confined Space (PRCS) Entry – Private Sector

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This three-day course is designed to increase the student's knowledge of hazards associated with permit-required confined space entry. Topics include the OSHA required confined space entry standard, hazards associated with entry procedures, personal protective equipment, and related limitations.

Course Objectives:

- Determining if an area is a confined space;
- Analyzing hazards to determine if the space is a PRCS;
- Recognize, evaluate, prevent, and abate safety and health hazards associated with PRCS entry;
- Document violations of the permit-required confined space standards; and
- Evaluate or write a specific permit-required confined space program.

Hours: 24

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.

Prevention & Response to Suicide Bombing Incidents

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The purpose of this course is to provide sufficient information about suicide bombings to the course attendees, thereby allowing them to become an effective part of their agency's overall prevention, deterrence, mitigation, and response effort to suicide bombing threats. The course will define the suicide bomber threat, the types of suicide bombings, likely targets, and the nine phases of a suicide bomber attack.

Restricted to: Emergency Management, Law Enforcement, Fire, and Emergency Medical Services

Recommended: Incident Response to Terrorist Bombings or Explosive Awareness course will help students understand some of the information about explosives which is explained, but is not required.

Hours: 4

Cost: No Fee

Call 517-322-1585 or e-mail horhnm@michigan.gov to schedule.

Professional Recognition Programs

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NFPA 472 Hazardous Materials Technician Level Compliance Program

Emergency responders requiring the need to acquire hazardous materials technician level training compliant with NFPA, will need to complete the following programs and successfully complete a comprehensive examination over all subject material.

Hazardous Materials Awareness Level Response or equivalent	4 Hours
Hazardous Materials Operations Level Response or equivalent	24 Hours
Emergency Response to Terrorism Awareness Level	4 Hours
Emergency Response to Radiological Incidents Awareness Level	4 Hours
Incident Command System 100/200 Level training or equivalent	16 Hours
Hazardous Materials Technician I and II	80 Hours
Evidence Collection and Sampling Techniques Program	16 Hours
Chemistry I	24 Hours
Air Monitoring for Emergency Response (EPA 164.4)	<u>24 Hours</u>
Total Hours	196 Hours

Professional Recognition Program

The Emergency Management and Homeland Security Training Center has joined forces with several organizations in Michigan to develop a professional recognition program for hazardous materials and technical rescue planners, responders, professionals and instructors in Michigan. The Emergency Management and Homeland Security Division, through its Emergency Management & Homeland Security Training Center, firmly believes that our primary mission is to raise the professional standing of the field of hazardous materials planning, mitigation, and response by providing leadership and coordination through instructional programs and other skill enhancement opportunities. Becoming recognized as a hazardous material "professional" is for anyone with a commitment to both personal and system development. This is NOT just another required program. In fact, the achievement of these professional levels is strictly optional. We are confident, however, that these programs will provide the opportunity for individuals to reach a higher level of competency and leadership capability in their chosen field, and improve the organizations to which they belong. Completion of this program can lead to a college degree.

Hazardous Materials Professional Recognition Program

This program requires successful completion of the following hazardous materials related courses and a comprehensive examination. These courses include:

NFPA 472 Hazardous Materials Technician Level Compliant Program	188 Hrs
Emergency Response Planning	16 Hrs
Chemistry II	24 Hrs
Advanced Air Monitoring	24 Hrs
Cargo Tank Specialty Program	32 Hrs
Railcar Tank Specialty Program	24 Hrs
Intermodal Specialty Program	16 Hrs

Bachelor Degree

Siena Heights University and the Michigan State Police, Emergency Management & Homeland Security Training Center (EMHSTC) have teamed up to offer firefighters, hazardous materials teams members, and other responders the opportunity to achieve a bachelor degree in public safety. After completing the Hazardous Materials Emergency Response Professional Recognition Program developed by the EMHSTC and the Michigan Association of Hazardous Materials Responders (MAHMR), the interested individual will receive a certificate worth 35 credit hours and can apply for acceptance into Siena Heights University's Bachelor of Public Safety program. It takes 120 credit hours to achieve this goal. Additional credit will be granted for completion of Firefighter I and II as well as emergency medical training.

Railcar Specialty for Hazardous Materials Technician

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The goal of the competencies at this level shall be to provide the hazardous materials technician with a tank car specialty with the knowledge and skills to perform tasks safely. It is in compliance with NFPA 472, chapter 12.1.2.1.

When responding to hazardous materials/WMD incidents, the hazardous materials technician with a tank car specialty shall be able to perform the following tasks:

1. Analyze a hazardous materials/WMD incident involving tank cars to determine the complexity of the problem and potential outcomes by completing the following tasks:
 - a. Determine the type and extent of damage to tank cars.
 - b. Predict the likely behavior of tank cars and their contents in an emergency
2. Plan a response to an emergency involving tank cars within the capabilities and competencies of available personnel, personal protective equipment, and control equipment by determining the response options (offensive, defensive, and nonintervention) for a hazardous materials/WMD incident.
3. Implement or oversee the application of the planned response to a hazardous materials/WMD incident involving tank cars. NFPA 472, chapter 12.1.2.2

Prerequisites: Hazardous Materials Technician Parts I and II

Hours: 24

Cost: \$445 (2 nights of double occupancy lodging included)

MI-TRAIN Course ID Number: 1029065

Dates and Locations: March 19-21, 2012 – Lansing

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Sampling and Evidence Collection

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This one day course is for first responder hazardous materials technicians with responsibility to perform during a WMD/hazardous materials incident. The training will provide crime scene management overview, prepare the responder to properly respond to and document a WMD crime scene, review the organization and responsibilities associated with response to a WMD crime scene, enable the responder to employ the Federal Bureau of Investigation's (FBI) 12 step evidence collection process, and prepare the responder to identify and collect potential evidence. The course incorporates a scenario driven exercise to allow the responders to demonstrate their competency in evidence collection techniques utilizing the FBI's 12-step evidence collection process.

Hours: 16

Call (517) 322-1853 or e-mail garciat@michigan.gov for cost and to schedule.