

# 2018-2019 MICHIGAN STATE POLICE, EMERGENCY MANAGEMENT AND HOMELAND SECURITY TRAINING CENTER COURSE CATALOG



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, it is recommended to enter the Course ID (listed below) into the search box located on the top right of the MI-TRAIN home page.

## FY 2019 COURSES

COURSE TITLE (Alphabetically Listed)	MI-TRAIN COURSE ID	DATES
<a href="#">51<sup>st</sup> CST/Hazmat Teams Training and Exercise</a>	1045109 Training 1045664 Exercise	April 16-17, 2019 – Port Huron
<a href="#">Air Monitoring for Hazardous Materials EPA 165.4</a>	1035025	<a href="#">Request this course</a>
<a href="#">Anhydrous Ammonia Awareness</a>	1058191	<a href="#">Request this course</a>
<a href="#">Anhydrous Ammonia Operations</a>	1066962	<a href="#">Request this course</a>
<a href="#">Basic Public Information Officers Workshop (G290)</a>	1017932	January 23-24, 2019 May 22-23, 2019 September 25-26, 2019
<a href="#">CBRNE/WMD Defensive Operations for Health Care Professionals</a>	1029097	<a href="#">Request this course</a>
<a href="#">Chemistry I</a>	1028961	October 29-31, 2018
<a href="#">Chemistry II</a>	1029000	November 26-28, 2018
<a href="#">Confined Space Entry–Permit Required for Private Sector</a>	N/A	<a href="#">Request this course</a>
<a href="#">Confined Space Rescue–Emergency Response 32 hr.</a>	N/A	<a href="#">Request this course</a>
<a href="#">Confined Space Rescue–Private Sector</a>	N/A	<a href="#">Request this course</a>
<a href="#">Damage Assessment for Local Jurisdictions – Half-Day</a>	1063984	<a href="#">Request this course</a>
<a href="#">Damage Assessment for Local Jurisdictions - Train-the-Trainer</a>	1058540	October 16, 2018
<a href="#">Hazard Communication, Right-to-Know and GHS</a>	1032780	<a href="#">Request this course</a>
<a href="#">Hazard Mitigation/Comprehensive Plan Interface</a>	1017432	November 13-14, 2018 March 12-13, 2019 June 18-19, 2019
<a href="#">Hazardous Materials Incident Response Operations EPA 165.5 (40-Hour HAZWOPER)</a>	1029070	December 3-7, 2018 March 4-8, 2019 August 19-23, 2019
<a href="#">Hazardous Materials Officer (NFPA 472, Chapters 11 and 12)</a>	1034094	March 25-28, 2019

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<a href="#">Hazardous Materials Operations Level Response-Private Sector</a>	1037212	<a href="#">Request this course</a>
<a href="#">Hazardous Materials Scene Management</a>	N/A	<a href="#">Request this course</a>
<a href="#">Hazardous Materials Technician Level Response-Private Sector</a>	1058856	<a href="#">Request this course</a>
<a href="#">Hazardous Materials Technician</a>	1081543	Apr 8-12, 29-30 & May 1-3, 2019 June 10-14, & August 5-9 2019
<a href="#">Hazardous Waste Operations (HAZWOPER) 8-Hour Refresher</a>	1029004	November 29, 2018 January 22, 2019 March 14, 2019 May 23, 2019 August 26, 2019
<a href="#">Highway Cargo Tank Specialty</a>	1034713	May 29-31, 2019
<a href="#">Homeland Security Exercise Evaluation Program (HSEEP) Course - Classroom (L146)*</a>	1018869	October 25-26, 2018 April 3-4, 2019 July 17-18, 2019
<a href="#">Hospital Emergency Response Team Training - HERT</a>	1078019	<a href="#">Request this course</a>
<a href="#">ICS 300–Intermediate ICS for Expanding Incidents</a>	1029037	December 3-5, 2018 May 14-16, 2019 August 14-16, 2019
<a href="#">ICS 400–Advanced ICS Command &amp; General Staff–Complex Incidents</a>	1029045	January 30-31, 2019 July 23-24, 2019
<a href="#">Incident Command System (ICS) Private Sector</a>	1037214	<a href="#">Request this course</a>
<a href="#">Incident Command System/Emergency Operations Center Interface (G191)</a>	1017942	January 15, 2019 April 30, 2019 August 21, 2019
<a href="#">Introduction to Radiological/Nuclear WMD Operations (AWR-140)</a>	N/A	<a href="#">Request this course</a>
<a href="#">Joint Information Center/Joint Information System Interface (G291)</a>	1058555	<a href="#">Request this course</a>
<a href="#">Mercury Spill Response</a>	1032685	<a href="#">Request this course</a>
<a href="#">MI CIMS (WebEOC) End-User Training-Local Emergency Management Responders</a>	1034950	Various Dates-See MI-TRAIN
<a href="#">Michigan Specific Core EM Knowledge Requirement (MI-CEMKR)</a>	1046211	February 6-7, 2019 June 5-6, 2019 September 18-19, 2019
<a href="#">Professional Emergency Manager Designation Exam</a>	1018983	December 11, 2018 April 17, 2019 August 30, 2019
<a href="#">Propane Emergencies</a>	1075290	May 20, 2019
<a href="#">Railcar Specialty for Hazardous Materials Technician</a>	1029065	<a href="#">Request this course</a>
<a href="#">Standardized Awareness Training (AWR-160)</a>	1029043	<a href="#">Request this course</a>
<a href="#">Workshop in Emergency Management: Legal Issues in Emergency Management</a>	1017947	November 1, 2018 July 12, 2019

**ONLINE COURSES**

<b>COURSE TITLE</b>	<b>MI-TRAIN COURSE ID</b>
<a href="#">Hazmat/WMD Awareness</a>	1023505
<a href="#">Hazmat/WMD Characteristics of Hazardous Materials</a>	1023507
<a href="#">Hazmat/WMD Chemical Spill Scenario</a>	1024050
<a href="#">Hazmat/WMD Decontamination</a>	1023511
<a href="#">Homeland Security Exercise Evaluation Program (HSEEP) Course - Webinar (K146)</a>	1018687
<a href="#">Radiological Emergency Preparedness (REP) Basic</a>	1018545

## PROFESSIONAL EMERGENCY MANAGER PROGRAM COURSES

For more information about the Professional Emergency Manager program, please visit our [website](#).

COURSE TITLE (Alphabetically Listed)	MI-TRAIN COURSE ID	DATES
<a href="#">Basic Public Information Officers Workshop (G290)</a>	1017932	January 23-24, 2019 May 22-23, 2019 September 25-26, 2019
<a href="#">Hazard Mitigation/Comprehensive Plan Interface (G626)</a>	1017432	November 13–14, 2018 March 12-13, 2019 June 18-19, 2019
<a href="#">Homeland Security Exercise Evaluation Program (HSEEP) Course - Classroom (L146)</a>	1018869	October 25-26, 2018 April 3-4, 2019 July 17-18, 2019
<a href="#">Homeland Security Exercise Evaluation Program (HSEEP) Course - Webinar (K146)</a>	1018687	Online
<a href="#">Incident Command System/Emergency Operations Center Interface (G191)</a>	1017942	January 15, 2019 April 30, 2019 August 21, 2019
<a href="#">Michigan Specific Core EM Knowledge Requirement (MI-CEMKR)</a>	1046211	February 6-7, 2019 June 5-6, 2019 September 18-19, 2019
<a href="#">Professional Emergency Manager Designation Exam</a>	1018983	December 11, 2018 April 17, 2019 August 29, 2019

Note: Many emergency management courses have prerequisites consisting of Independent Studies (IS) and/or EMHSD classroom courses (see course descriptions for more information). The Independent Studies are free, web-based, and downloadable through the Federal Emergency Management Agency (FEMA) website at <http://training.fema.gov/IS/crslist.asp>

## 51<sup>st</sup> CST/Hazmat Teams Training and Exercise

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The Michigan National Guard 51st WMD Civil Support Team (CST) is required to conduct regional exercises each fiscal year. The 51st CST requested the assistance of the Michigan State Police, Emergency Management and Homeland Security Training Center (EMHSTC) to reach out to the local Hazardous Materials (HazMat) teams to provide a preceding day of training in collaboration with these regional monthly exercises. All regional first responders including fire, law enforcement, HazMat, EMS, bomb and tactical teams are encouraged to attend the training and exercise in part or for the full duration.

The EMHSTC is committed to delivering an educational day of training to prepare the local HazMat teams for these exercises. The EMHSTC plans to cover the following topics:

- 51st CST equipment overview
- 51st CST tactics, techniques, and procedures
- Interoperable communications
- Michigan Emergency Management Plan (MEMP)
- DOD emergency response capabilities
- IAP development and the use of ICS 200 forms
- DOD emergency
- Any pertinent HazMat refresher topics

In addition, we welcome any additional requests for training subjects that would be jurisdictional specific. All participants will be required to sign in for the day(s) on the ICS 211 Check in sheet AND the MI-TRAIN sign in rosters.

**Hours:** Various

**Cost:** No Cost

**MI-TRAIN Course IDs:** 1045109 Training

1045664 Exercise—during registration, use the special code of: exercise

**Dates and Locations:** April 16-17, 2019 – Port Huron

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## 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

**MI-TRAIN Course ID:** 1035025

Please [click here](#) to request an offering of this course in your area.

## Anhydrous Ammonia Awareness

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This four-hour informational workshop will cover the requirements for understanding the need to plan, prepare, and respond to incidents involving anhydrous ammonia. Safe handling and storage procedures including refrigeration basics and chemical/physical properties in accordance to CFR 1910.119 will be covered, in addition the hazards associated with anhydrous ammonia and appropriate planning requirements. Emergency response equipment and procedures in accordance to CFR 1910.120 will be addressed. Also covered will be chemical protective equipment, specific air monitoring concerns, and the need to work collaboratively with local emergency response agencies.

**Hours:** 4

**MI-TRAIN Course ID:** 1058191

Please [click here](#) to request an offering of this course in your area.

## Anhydrous Ammonia Operations

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This program is designed for private and public sector and intended to provide the client with the amount of training required under OSHA regulations and applicable MIOSHA rules in response to an Anhydrous Ammonia release. Participants who successfully complete the course will be able to respond and control a small release of NH<sub>3</sub>, as defined by the employer.

Course content includes implementing the employer's emergency response plan, use of field survey instruments to classify, identify, and verify the chemical and physical characteristics of NH<sub>3</sub>. The implementation of the incident command system, use of personal protective equipment provided by the employer, decontamination, hazard/risk assessment, control/containment/confinement techniques and termination procedures

**Hours:** 8

Please [click here](#) to request an offering of this course in your area.

## Basic Public Information Officers Workshop (G290)

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This two-day workshop for entry-level disaster Public Information Officers and staff emphasizes the skills needed to manage crisis information in emergency and disaster events. Topics include responsibilities of a Public Information Officer in disasters, effective media interviews, crisis information planning, and social media monitoring and management.

**Suggested Courses:** IS-230, IS-244, and IS-702

**Course Cost:** No cost

**MI-TRAIN Course ID:** 1017932

**Dates and Location:** January 23-24, 2019 – Lansing  
May 22-23, 2019 – Region 5  
September 25-26, 2019 – Region 7

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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

**MI-TRAIN Course ID:** 1029097

Please [click here](#) to request an offering of this course in your area.

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## Chemistry I

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The Chemistry of Hazardous Materials courses 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.

The three-day Chemistry I course 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:** \$280 (2 nights of eligible double occupancy lodging included)

**MI-TRAIN Course ID:** 1028961

**Dates and Locations:** October 29-31, 2018 – 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 three-day course will explore, in detail, the chemistry of each of the United States Department of Transportation's (DOT's) nine hazard classes.

**Prerequisite:** Chemistry I

**Hours:** 24

**Cost:** \$280 (2 nights of eligible double occupancy lodging included)

**MI-TRAIN Course ID:** 1029000

**Dates and Locations:** November 26-28, 2018 – Lansing

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## Confined Space Entry–Permit Required for Private Sector

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This one- to three-day course is designed to increase the student's knowledge of hazards associated with permit-required confined space (PRCS) entry. The length of the program will be determined upon the types and hazards associated with the confined spaces the employee(s) will enter. Course topics include the OSHA required confined space entry standard, hazards associated with entry procedures, personal protective equipment, and related limitations. The course objective is determining if an area is a confined space by:

- Analyzing hazards to determine if the space is a PRCS.
- Recognizing, evaluating, preventing, and abating safety and health hazards associated with PRCS entry.
- Documenting violations of the permit-required confined space standards.
- Evaluating or writing a specific permit-required confined space program.

**Hours:** 8, 16, or 24 hours based on the specific types of permit required confined spaces

Please [click here](#) to request an offering of this course in your area.

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## Confined Space Rescue–Emergency Response 32-Hour

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This four-day 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 and the OSHA 29 CFR 1910.146 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

Please [click here](#) to request an offering of this course in your area.

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## 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 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:** Confined Space Entry Permit Required - Private Sector

**Hours:** 8, 16, or 24 hours based on the types of confined spaces

Please [click here](#) to request an offering of this course in your area.

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## Damage Assessment for Local Jurisdictions – Half-Day

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Damage Assessment is the crucial first step to recovering from a disaster in your community. Without it, response and recovery can be unorganized, resources inadequate, and recovery funds non-existent. This four-hours Damage Assessment for Local Jurisdictions - Workshop is facilitated by an experienced instructor who will introduce damage assessment concepts to individuals who will be rating damage in the field. Some topics covered include your role in disaster, state and federal damage assessment classification, conducting and documenting damage, visual documentation guidelines, coordination with your Emergency Management Coordinator and more!

**Suggested Courses:** IS-100, IS-559, IS-800.b

**Hours:** 4

**Cost:** No cost

**MI-TRAIN Course ID:** 1063984

Please [click here](#) to request an offering of this course in your area.

## Damage Assessment for Local Jurisdictions – Train-the-Trainer

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Damage Assessment for Local Jurisdictions - Train-the-Trainer is a one-day course that prepares instructors to deliver lectures and hands-on damage assessment training to local jurisdictions. The course is conducted in two phases: fundamental principles and applied principle. Participants will receive an overview of adult learning, course content, and evaluations. Instructors will then apply the knowledge acquired during class. Upon completion, participants will be able to effectively teach Damage Assessment for Local Jurisdictions – Half Day in the field.

This course is intended for those in leadership positions within State Police and local and Emergency Management programs. Pre-approval is required by registering for this course. EMHSTC staff may follow up requesting more information.

**Prerequisites:** Damage Assessment Teams and Damage Assessment for Emergency Operations Center Staff (online)

**Hours:** 8

**Cost:** No cost

**MI-TRAIN Course ID:** 1058540

**Date and Location:** October 16, 2018 – Lansing

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## Hazard Communication, Right-to-Know, and GHS

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This one-day course is intended to comprehensively address the issue of evaluating the potential hazards of chemicals and communicating information concerning hazards and appropriate protective measures of employees. It will also assist in developing and maintaining a written hazard communication program for the workplace in compliance with 29 CFR 1910.1200 and MIOSHA Part 42, 92, and 430 the Michigan Hazard Communication and Right-to-Know Standard.

**Hours:** 8

**MI-TRAIN Course ID:** 1032780

Please [click here](#) to request an offering of this course in your area.

## Hazard Mitigation/Comprehensive Plan Interface

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This two-day course provides participants with the skills needed for developing strategies that integrate hazard mitigation into the community's comprehensive planning process and master plan. The ultimate goal is to increase the public officials' understanding of the need to address mitigation issues.

**Prerequisites:** IS-230, IS-235, and IS-393

**MI-TRAIN Course ID:** 1017432

**Cost:** No cost

**Date and Location:** November 13–14, 2018 – Lansing  
March 12-13, 2019 – Region 2  
June 18-19, 2019 – Region 6

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## Hazardous Materials Incident Response Operations EPA 165.5 (40-Hour 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 course, 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.

This course can also be brought to your facility, please [click here](#) to request an offering of this course.

**Hours:** 40

**Cost:** \$400 (4 nights of double occupancy lodging included)

**MI-TRAIN Course ID:** 1029070

**Dates and Locations:** December 3-7, 2018 – Lansing  
March 4-8, 2019 – Lansing  
August 19-23, 2019 – Lansing

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## Hazardous Materials Officer (NFPA 472, Chapters 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/Group Supervisor and Chapter 12: Competencies for the Hazardous Materials Branch Safety Officer.

The Hazardous Materials Group Supervisor is the person responsible for directing and coordinating all operations assigned to the hazardous materials branch by the Incident Commander. The Hazardous Materials Assistant Safety Officer is the person working within the Unified Incident Command System (UICS) to ensure recognized safe practices are followed within the hazardous materials team.

The Hazardous Materials Officer program will also define the responsibilities and roles of specific Hazardous Materials Team functions of Entry Team Leader, Decon Team Leader, Site Access Control Team Leader, and Safe Refuge Area Manager.

This course is designed around lecture, group discussions, multiple tabletop exercises, and computer simulation exercises. This course can also be taught onsite at your department by sending a request to [click here](#).

**Prerequisite:** Hazardous Materials Technician Parts I & II and ICS 100 & ICS 200 or equivalent

**Hours:** 32

**MI-TRAIN Course ID:** 1034094

**Dates and Locations:** March 25-28, 2019 – Lansing

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## 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 and Right-to-Know or Hazardous Materials First Responder Awareness

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

**MI-TRAIN Course ID:** 1037212

Please [click here](#) to request an offering of this course in your area.

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## Hazardous Materials Scene Management

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On scene incident commanders who will assume control of a hazardous materials incident scene beyond the first responder awareness level shall receive training equal to the first responder operations level of MIOSHA Part 432. Incident commanders must also be competent in knowing and being able to implement the employer's incident command system/employer's emergency response plan/local emergency response plan, knowing and understanding the hazards and risks associated with employees who work in chemical protective clothing, being aware of the state emergency response plan and the federal regional response team, and knowing and understanding the importance of decontamination procedures.

This one-day course will address all these competencies as well as those listed in NFPA 1072, Chapter 8.

**Prerequisites:** First Responder Operations, ICS 100, and ICS 200

**Hours:** 8

Please [click here](#) to request an offering of this course in your area.

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## Hazardous Materials Technician Level Response–Private Sector

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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.

**Prerequisite:** Hazardous Materials First Responder Operations

**Hours:** 24 or 40 hours-based upon each facility's site-specific hazards

**MI-TRAIN Course ID:** 1058856

Please [click here](#) to request an offering of this course in your area.

## Hazardous Materials Technician

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This revamped 80-hour course meets the requirements of the new NFPA 1072, Standard for Hazardous Materials/ Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, 2017, Chapter 7, Technician. This course also meets Technician Level requirements in OSHA Title 29 CFR 1910.120 (HAZWOPER), NFPA 472 is referenced where appropriate, and HMEP guidelines for public sector hazardous materials training.

This course follows the hazardous materials incident Analyzing, Planning, Implementing and Evaluating (APIE) model. The flow of the course is in a logical sequence to make mastering the knowledge and skills apply directly to responding to hazardous materials and/or WMD/CBRNE incidents. The focus of the course is on recognizing and evaluating a hazardous materials incident, organizing the response team, protecting response personnel, identifying and using response resources, implementing basic control measures, refine decision-making skills, and protecting the public.

There are 50 skill sheets with illustrated step-by-step directions for all skills required by NFPA 1072. This will prepare emergency responders to conduct advanced, technical, offensive operations at hazardous materials incidents.

All knowledge and skills technicians must know, from incident analysis to termination, are covered in depth. This includes hazmat chemistry; container identification, construction features, and leak points; as well as product control and decontamination operations. Each lesson begins with a list of specific learning objectives and the correlating job performance requirements (JPRs) in NFPA 1072.

The course includes case studies where important lessons learned from actual events can be learned. Industry professionals assist with the instruction and these professionals bring real-world experience and knowledge to share with each class based solely on their expertise. Participants will wear fully encapsulating suits and SCBA.

**Prerequisites:** Hazardous Materials First Responder Awareness & Operations, Introduction to Radiological/Nuclear WMD Operations [AWR-140-W](#), Pre-Assessment, and Read Chapter 1

**Hours:** 80

**Cost:** \$800 (applicable double occupancy lodging included)

**MI-TRAIN Course ID:** 1081543

**Dates and Locations:** April 8-12, 29-30, May 1-3, 2019 – Lansing  
June 10-14, August 5-9, 2019 – Lansing

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## 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 in accordance with 29 CFR 1910.120, Paragraphs e and q.

This course can also be held at your facility and delivered to a group. Please [click here](#) to request an offering of this course in your area.

**Prerequisite:** 24-hour or 40-hour HAZWOPER course

**Hours:** 8

**Cost:** \$130

**MI-TRAIN Course ID:** 1029004

**Dates and Locations:** November 29, 2018 – Lansing  
January 22, 2019 – Lansing  
March 14, 2019 – Lansing  
May 23, 2019 – Lansing  
August 26, 2019 – Lansing

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## Highway Cargo Tank Specialty

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This three-day course is designed and intended for hazardous materials technicians who respond to releases, or potential releases, of hazardous materials from cargo tank trucks for the purpose of controlling the releases. This program provides the responder with the knowledge and skills necessary to analyze an incident involving a cargo tank truck, to plan a response within the capabilities and competencies of available personnel and equipment, and to implement the planned response to mitigate the hazardous incident. Responders will be given several scenarios in this class including both tabletop and hands-on exercises using real tank trucks.

**Prerequisites:** Hazardous Materials Technician

**Hours:** 24

**Cost:** \$280 (2 nights of double occupancy lodging included)

**MI-TRAIN Course ID:** 1034713

**Dates and Locations:** May 29-31, 2019 – Lansing

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## Homeland Security Exercise and Evaluation Program (HSEEP) Course – Classroom (L0146)

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This two-day HSEEP training course will focus on exercise program management to include design and development, conduct, evaluation, and improvement planning. Additionally, the course will give participants a working knowledge of HSEEP, including the resources, tools, and policies that support compliance. It will highlight exercise program management in detail, and the HSEEP cycle in exercise design, development, conduct, evaluation, and improvement planning.

**Prerequisites:** IS-100, IS-120

**Hours:** 16

**Cost:** No cost

**MI-TRAIN Course ID:** 1018869

**Dates and Locations:** October 25-26, 2018 – Lansing  
April 3-4, 2019 – Region 5  
July 17-18, 2019 – Region 3

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## Hospital Emergency Response Team Training - HERT

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The Hospital Emergency Response Training for Mass Casualty Incidents (HERT) course addresses healthcare response at the operations level for the facility and its personnel. This two-day course prepares healthcare responders to utilize an Emergency Treatment Area as hospital first responders during a mass casualty incident involving victim contamination. The healthcare responders will determine and use appropriate personal protective equipment and conduct triage followed by decontamination of ambulatory and non-ambulatory patients as members of a Hospital Emergency Response Team.

**Hours:** 16

**MI-TRAIN Course ID:** 1078019

Please [click here](#) to request an offering of this course in your area.

## ICS 300–Intermediate ICS for Expanding Incidents

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This 2.5 day course provides training on and resources for personnel who require advanced application of the Incident Command System (ICS). This course expands upon information covered in the ICS-100 and ICS-200 courses. The course objectives are to describe how the National Incident Management System (NIMS) Command and Management component supports the management of expanding incidents and describe the Incident/Event Management process for supervisors and expanding incidents as prescribed by the Incident Command System (ICS). Also covered is the implementation of the Incident Management process on a simulated Type 3 incident and development of an Incident Action Plan for a simulated incident.

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 is MCOLES approved for 302 funds. It is also eligible for Standardized E.M.S. Continuing Education Credits. Please reference the Pre-Approved Standardized CE Credits guide available at [http://www.michigan.gov/mdch/0,4612,7-132-2946\\_5093\\_28508-47472--,00.html#Forms\\_Pubs](http://www.michigan.gov/mdch/0,4612,7-132-2946_5093_28508-47472--,00.html#Forms_Pubs) for further details.

**Prerequisites:** ICS-100, ICS-200, IS-700, and IS-800

**Hours:** 18

**Cost:** No cost

**MI-TRAIN Course ID:** 1029037

**Dates and Locations:** December 3-5, 2018 – Lansing  
 May 14-16, 2019 – Lansing  
 August 14-16, 2019 – Lansing  
 (The end time on the last day of the course is noon.)

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

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This two-day course provides training on and resources for personnel who require advanced application of the Incident Command System (ICS). This course expands upon information covered in the ICS-100, ICS-200, and ICS-300 courses. 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.

The course objectives are to explain how major incidents engender special management challenges, describe the circumstances in which an area command is established, and describe the circumstances in which multiagency coordination systems are established.

This course is MCOLES approved for 302 funds. It is also eligible for Standardized E.M.S. Continuing Education Credits. Please reference the Pre-Approved Standardized CE Credits guide available at [http://www.michigan.gov/mdch/0,4612,7-132-2946\\_5093\\_28508-47472--,00.html#Forms\\_Pubs](http://www.michigan.gov/mdch/0,4612,7-132-2946_5093_28508-47472--,00.html#Forms_Pubs) for further details.

**Prerequisites:** ICS-100, ICS-200, ICS-300, IS-700, and IS-800

**Hours:** 16

**Cost:** No cost

**MI-TRAIN Course ID:** 1029045

**Dates and Locations:** January 30-31, 2019 – Lansing  
 July 23-24, 2019 – Lansing

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## Incident Command System (ICS) Private Sector

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Private organizations working to implement a crisis or incident management structure as part of their business continuity program often look to available public standards for guidance. One such structure, a standard practice throughout much of the public sector, is called the Incident Command System, or ICS. This two-day program introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features, principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS). This course meets the training requirements of MIOSHA Part 432, Rule 33, Paragraph 6.

**Hours:** 16

**MI-TRAIN Course ID:** 1037214

Please [click here](#) to request an offering of this course in your area.

## Incident Command System/Emergency Operations Center Interface (G191)

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This one-day course highlights the concepts and interaction between two disaster management systems: the Incident Command System and the Emergency Operations Center. Both elements will be studied as integral parts of the National Incident Management System required in disaster response. Discussion will examine issues in communication, coordination, and decision making enabling participants to properly plan for response and recovery.

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

**Suggested Courses:** IS-701 and ICS-400

**MI-TRAIN Course ID:** 1017942

**Cost:** No cost

**Dates and Location:** January 15, 2019 – Lansing  
April 30, 2019 – Region 3  
August 21, 2019 – Region 7

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## Introduction to Radiological/Nuclear WMD Operations (AWR-140)

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This instructor-led course presents a radiological/nuclear WMD overview consisting of ionizing radiation fundamentals, terminology, health effects, and recognition factors. This information is requisite knowledge for responders performing the interdiction/prevention mission as well as first responders and other personnel who are likely to be the first to arrive on the scene of a radiological/nuclear incident. This fundamental knowledge of ionizing radiation and its effects is vital to responder safety, allowing performance of their mission while keeping the risk to themselves and the public as low as reasonably achievable.

This course is eligible for Standardized E.M.S. Continuing Education Credits. Please reference the Pre-Approved Standardized CE Credits guide available at [http://www.michigan.gov/mdch/0,4612,7-132-2946\\_5093\\_28508-47472--\\_00.html#Forms\\_Pubs](http://www.michigan.gov/mdch/0,4612,7-132-2946_5093_28508-47472--_00.html#Forms_Pubs) for further details.

**Hours:** 6

Please [click here](#) to request an offering of this course in your area.

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## Joint Information Center/Joint Information System Interface (G291)

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This course will build on the solo Public Information Officer (PIO) competencies gained in G290, Basic Public Information Officers Course, applying those skills in an expanding incident where coordination is enhanced through activation of a Joint Information System (JIS) and establishment of a Joint Information Center (JIC). This training will equip PIOs with the skills needed to establish and operate in a JIS/JIC. Participants will also gain a working knowledge of operational practices for performing PIO duties within the NIMS Multi-Agency Coordination System. The course will demonstrate how JIC concepts are applied in a flexible and scalable manner at the local level.

We strongly recommend that students have a background in public information, have taken G290: Basic Public Information Officer Workshop or IS-29: Public Information Officer Awareness.

**Hours:** 8

**MI-TRAIN Course ID:** 1058555

Please [click here](#) to request an offering of this course in your area.

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## Mercury Spill Response

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

**Hours:** 4

**MI-TRAIN Course ID:** 1032685

Please [click here](#) to request an offering of this course.

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## MI CIMS (WebEOC) End-User Training-Local Emergency Management Responders

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This is a 4-hour instructor led classroom based MI CIMS (WebEOC) End User Training computer training course for those who will need access to WebEOC during emergencies, disasters, and special events in Michigan. **A participant for this class MUST have an assigned position with a Local Emergency Operations Center (EOC) in Michigan.** All participants will be verified with their Emergency Management Coordinator before class. Anyone that is not able to be verified as associated with an Emergency Management Program will not be allowed to participate in class. A responder must attend a MI CIMS End User Training course in order to gain access into the system. These classes are not intended for those associated with a State Agency or the SEOC (please see course ID: 1034725).

**Prerequisites:** Sponsorship from a local Emergency Management Coordinator

**MI-TRAIN Course ID:** 1034950

**Dates and Location:** Various dates (See MI-TRAIN)

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## Michigan Specific Core EM Knowledge Requirement (MI-CEMKR)

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The two-day MI-CEMKR course provides the basic knowledge a Michigan Emergency Manager needs to know, or where to go for the information, in order to be effective in performing the essential duties of their job. Topics include Public Act 390 of 1976, the Michigan Emergency Management Plan, local Emergency Planning, Damage Assessment, Emergency Communication, and other essentials.

**Prerequisites:** [The FEMA Independent Study \(IS\) Professional Development Series](#) (7 online courses); [NIMS Training](#) (IS-100, 200, 700, and 800); [Damage Assessment Teams](#) (online course); [Damage Assessment for EOC Staff](#) (online course); and [Grants and Resources](#) (online course)

**Suggested Courses:** IS-1, IS-7, and IS-775

**MI-TRAIN Course ID:** 1046211

**Cost:** No cost

**Dates and Location:** February 6-7, 2019 – Lansing  
June 5-6, 2019 – Lansing  
September 18-19, 2019 – Lansing

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## Professional Emergency Manager (PEM) Designation Exam

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The Professional Emergency Manager Designation exam is a comprehensive set of 100 questions covering the five phases of emergency management. Successful candidates will receive the title of Professional Emergency Manager after fulfilling the requirements of the Professional Emergency Manager Program and passing the test with 75% or higher. Registrations must be submitted at least thirty (30) days prior to the exam date.

**Prerequisites:** Completion of the requirements set forth in the PEM program

**MI-TRAIN Course ID:** 1018983

**Dates and Locations:** December 11, 2018 – Lansing  
April 17, 2019 – Lansing  
August 30, 2019 – Lansing

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## Propane Emergencies

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This eight-hour course gives students the technical knowledge and hands-on skills required to respond to propane emergencies. It provides an understanding of the chemical and physical properties; use, storage, transportation, and tactics to safely mitigate an emergency involving propane.

Participants will need to bring firefighter turnout gear, NOT including SCBA.

**MI-TRAIN Course ID:** 1075290

**Cost:** \$130

**Dates and Locations:** May 20, 2019 – Lansing

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## 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 Part I and II

**Hours:** 24

**MI-TRAIN Course ID:** 1029065

Please [click here](#) to request an offering of this course in your area.

## Standardized Awareness Training (AWR-160)

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The Standardized Awareness Training (SAT) course covers the essential course material on Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE) hazards and materials, prevention and deterrence methods, and the Emergency Response Guidebook (ERG; U.S. Department of Transportation [DOT], 2008. Topics in this course include prevention and deterrence, identification of hazardous materials and the ERG, chemical agents, biological agents, radiological materials and nuclear weapons, and explosive devices. The course is supported by a parallel course, the Standardized Awareness Authorized Training, Train-the Trainer (SAAT) course, the purpose of which is to provide supervisors and trainers with the information and skills required to instruct the Standardized Awareness Training at their local jurisdictions.

This course is eligible for Standardized E.M.S. Continuing Education Credits. Please reference the Pre-Approved Standardized CE Credits guide available at [http://www.michigan.gov/mdch/0,4612,7-132-2946\\_5093\\_28508-47472--\\_00.html#Forms\\_Pubs](http://www.michigan.gov/mdch/0,4612,7-132-2946_5093_28508-47472--_00.html#Forms_Pubs) for further details.

**Hours:** 8

**MI-TRAIN Course ID:** 1029043

Please [click here](#) to request an offering of this course in your area.

## Workshop in Emergency Management: Legal Issues in Emergency Management

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This one-day workshop discusses current laws and legal issues in emergency management and homeland security. Topics covered are the Michigan Emergency Management Act, Public Health Codes, fire law and code, police powers, mutual aid compacts, liability issues, and annual updates regarding current disaster case law.

**Prerequisites:** N/A

**MI-TRAIN Course ID:** 1017947

**Cost:** No cost

**Dates and Location:** November 1, 2018 – Lansing  
July 12, 2019 – Lansing

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## ONLINE COURSES

### Hazmat/WMD Awareness

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The primary purposes of this online module is to introduce private and public service personnel to the “first responder” concept; and to emphasize the importance of the first responder’s safety at hazardous materials incidents, whether those incidents are intentional or accidental.

MI-TRAIN Course ID: 1023505

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### Hazmat/WMD Characteristics of Hazardous Materials

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The purpose of this online module is to define chemical and physical properties of HazMat/WMD materials that may be accidentally or intentionally released. Understanding characteristics of HazMat/WMD agents will allow the first responder to predict and estimate likely harm and consequences of a release of hazardous materials.

MI-TRAIN Course ID: 1023507

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### Hazmat/WMD Chemical Spill Scenario

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The purpose of this module is to allow first responders to perform during response to a HazMat/WMD release. Responders will be required to practice standard operating guidelines and safe work practices.

MI-TRAIN Course ID: 1024050

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### Hazmat/WMD Decontamination

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The purpose of this online module is to prepare first responders at the Operations Level to be able to reduce and prevent the spread of contamination from persons and equipment used at a hazardous materials incident by physical and/or chemical processes.

MI-TRAIN Course ID: 1023511

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### Homeland Security Exercise and Evaluation Program (HSEEP) – Webinar (K0146)

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This online, two-day, HSEEP training course will focus on exercise program management to include design and development, conduct, evaluation, and improvement planning. Additionally, the course will give participants a working knowledge of HSEEP, including the resources, tools, and policies that support compliance. It will highlight exercise program management in detail, and the HSEEP cycle in exercise design, development, conduct, evaluation, and improvement planning.

Course registration is required through the Emergency Management Institute.

Course Objectives:

- Increase awareness of the Homeland Security Exercise Evaluation Program Doctrine.
- Clarify Roles and Responsibilities.
- Improve Teamwork and Coordination.

MI-TRAIN Course ID: 1058687

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## Radiological Emergency Preparedness (REP) Basic

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The Radiological Emergency Preparedness (REP) course is designed to provide basic preparedness information for the off-site responders involved in an incident at one of Michigan's nuclear power plants.

**MI-TRAIN Course ID:** 1018545

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