2019-2020 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 2020 COURSES

COURSE TITLE (Alphabetically Listed)	MI-TRAIN COURSE ID	DATES
Advanced Monitoring and Detection Specialty-NFPA 472	1087713	September 1-3, 2020
Anhydrous Ammonia Awareness	1058191	Request this course
Anhydrous Ammonia Operations	1066962	Request this course
Assessing Jurisdictional Hazmat Capabilities for Refresher Training	1074749	December 2, 2019
Basic Public Information Officers Workshop (G290)	1017932	October 29-30, 2019 February 6-7, 2020 July 21-22, 2020
Chemistry I	1028961	October 21-23, 2019 April 22-24, 2020
Chemistry II	1029000	November 18-20, 2019 May 26-28, 2020
Confined Space Entry–Permit Required for Private Sector	N/A	Request this course
Confined Space Rescue–Emergency Response 32 hr.	N/A	Request this course
Confined Space Rescue–Private Sector	N/A	Request this course
Damage Assessment for Local Jurisdictions – Half-Day	1063984	Request this course
Hazard Communication, Right-to-Know and GHS	1032780	Request this course
Hazard Mitigation/Comprehensive Plan Interface	1017432	November 13-14, 2019 March 12-13, 2020 June 2-3, 2020
Hazardous Materials Incident Response Operations EPA 165.5 (40-Hour HAZWOPER)	1029070	March 2-6, 2020 August 17-21, 2020
Hazardous Materials Officer (NFPA 472, Chapters 11 and 12)	1034094	February 25-28, 2020
Hazardous Materials Operations Level 8-Hour Refresher	1059932	Request this course
Hazardous Materials Operations Level Response-Private Sector	1037212	Request this course
Hazardous Materials Scene Management	N/A	Request this course

Hazardous Materials Technician Level Response-Private Sector	1058856	Request this course
Hazardous Materials Technician	1081543	October 14-18 & Nov. 4-8, 2019 Mar. 23-27 & April 27-May 1, 2020 May 11-15 & June 15-19, 2020
Hazardous Waste Operations (HAZWOPER) 8-Hour Refresher	1029004	October 24, 2019 January 21, 2020 May 18, 2020 August 24, 2020
Highway Cargo Tank Specialty	1034713	May 19-21, 2020
Homeland Security Exercise Evaluation Program (HSEEP) Course - Classroom (L146)*	1018869	January 7-8, 2020 May 27-28, 2020 August 4-5, 2020
Hospital Emergency Response Team Training - HERT	1078019	Request this course
Hospital Emergency Response Team Training (HERT) Application	1079046	Request this course
ICS 300–Intermediate ICS for Expanding Incidents	1029037	December 10-12, 2019 March 17-19, 2020 August 11-13, 2020
ICS 400–Advanced ICS Command & General Staff–Complex Incidents	1029045	January 22-23, 2020 July 28-29, 2020
Incident Command System (ICS) Private Sector	1037214	Request this course
Incident Command System/Emergency Operations Center Interface (G191)	1017942	January 22, 2020 April 29, 2020 September 2, 2020
Introduction to Radiological/Nuclear WMD Operations (AWR-140)	N/A	Request this course
Joint Information Center/Joint Information System Interface (G291)	1058555	Request this course
Mercury Spill Response	1032685	Request this course
MI CIMS (WebEOC) End-User Training-Local Emer. Mgmt. Responders	1034950	Various Dates-See MI-TRAIN
Michigan Specific Core EM Knowledge Requirement (MI-CEMKR)	1046211	February 19-20, 2020 June 25-26, 2020 September 16-17, 2020
Professional Emergency Manager Designation Exam	1018983	December 4, 2019 April 21, 2020 August 26, 2020
Propane Emergencies	1075290	May 8, 2020
Railcar Specialty for Hazardous Materials Technician	1029065	June 9-11, 2020
Standardized Awareness Training (AWR-160)	1029043	Request this course
Workshop in Emergency Management: Legal Issues in Emergency Management	1017947	January 10, 2020 June 12, 2020

ONLINE COURSES

COURSE TITLE	MI-TRAIN COURSE ID
Hazmat/WMD Awareness	1023505
Hazmat/WMD Characteristics of Hazardous Materials	1023507
Hazmat/WMD Chemical Spill Scenario	1024050
Hazmat/WMD Decontamination	1023511
Homeland Security Exercise Evaluation Program (HSEEP) Course - Webinar (K146)	1018687
Radiological Awareness for Hazmat	1085831

Radiological Emergency Preparedness (REP) Basic	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
Basic Public Information Officers Workshop (G290)	1017932	October 29-30, 2019 February 6-7, 2020 July 21-22, 2020
Hazard Mitigation/Comprehensive Plan Interface (G626)	1017432	November 13-14, 2019 March 12-13, 2020 June 2-3, 2020
Homeland Security Exercise Evaluation Program (HSEEP) Course - Classroom (L146)	1018869	January 7-8, 2020 May 27-28, 2020 August 4-5, 2020
Homeland Security Exercise Evaluation Program (HSEEP) Course - Webinar (K146)	1018687	Online
Incident Command System/Emergency Operations Center Interface (G191)	1017942	January 22, 2020 April 29, 2020 September 2, 2020
Michigan Specific Core EM Knowledge Requirement (MI-CEMKR)	1046211	February 19-20, 2020 June 25-26, 2020 September 16-17, 2020
Professional Emergency Manager Designation Exam	1018983	December 4, 2019 April 21, 2020 August 26, 2020

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 https://training.fema.gov/is/crslist.aspx

51st 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: To be determined

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Advanced Monitoring and Detection Specialty-NFPA 472

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This three-day course provides technician level responders assigned to advanced monitoring and detection at hazardous materials/WMD incidents with the knowledge and skills to perform the tasks in a safe and effective manner. The course is designed to focus on the technologies of the device and how they function. Students will learn how to use the devices tactically and how to interpret the readings while focusing on risk-based response. The course will challenge technicians with hands-on training experience.

Chemical, biological, and radiological monitoring will be discussed. A variety of instruments will be used during the course, including four gas detector with photo ionization detector, flame ionization detector, biological testing devices, colorimetric indicators, radiation detection and measurement instruments, Raman spectroscopy, Fourier transform infrared (FTIR), and more. This course will meet or exceed NFPA 472 (2018 edition), Chapter 19, Competencies for Hazardous Materials Technicians with an Advanced Monitoring and Detection Specialty. This course is specifically designed for hazardous materials technicians (29 CFR 1910.120). This course meets or exceeds all competencies covered in the Air Monitoring for Hazardous Materials EPA 165.4 course and is considered an equivalent. The course is also open to Hazardous Materials Technicians within private industry.

Prerequisites: Hazardous Materials Technician and received HAZMAT training that meets or exceeds the requirements for technician-level training as outlined in OSHA 29 C.F.R. 1910.120(q)(6)(iii)
Hours: 24
Cost: $280, or $350 for out of country attendees, (2 nights of eligible double occupancy lodging included)
MI-TRAIN Course ID: 1087713
Dates and Locations: September 1-3, 2020 – Lansing

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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
This course can be taught onsite at your department/organization by completing a request.

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_3, 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_3. 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.

This course can be taught onsite at your department/organization by completing a request.

Hours: 8
Q Course Code Q05B: to request use of this funding please contact your Office of Fire Fighter Training, County Training Committee Contact.

Assessing Jurisdictional Hazmat Capabilities for Refresher Training

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Hazardous Materials first response training was officially introduced to emergency response agencies with the implementation of SARA Title III and the OSHA HAZWOPER standard. This standard identifies the competencies required of a first responder to perform safely and effectively at a hazmat emergency. MIOSHA Part 432 (29 CFR 1910.120 (q)) recognizes 5 levels of performance; Awareness, Operations, Technician, Incident Command and Specialist.

This OSHA standard also mandates annual refresher training to assure the first responder is maintaining adequate skills required for performance capabilities to perform in a safe and effective manner. OSHA defines refresher training as follows: **(8)**Both of the following provisions pertain to refresher training: (a) Those employees who are trained in accordance with the provisions of this rule 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. (b) A statement shall be made of the training or competency and, if a statement of competency is made, an employer shall keep a record of the methodology used to demonstrate competency.

Purpose of the Assessing Jurisdictional Hazmat Capabilities for Refresher Training:
The intent of the course is to enhance hazmat refresher training program development capabilities of credentialed hazmat response instructors. The program will provide the hazmat instructor with the tools, information, and knowledge for them to effectively determine an appropriate hazmat refresher training program for a selected AHJ in accordance to OSHA standards. The hazmat instructor will learn how to perform a hazard vulnerability assessment and a hazmat response capabilities assessment for a given jurisdiction.

Course Description:
This Assessing Jurisdictional Hazmat Capabilities for Refresher Training course will provide the Hazmat Credentialed Instructor with the tools necessary to determine the training needs for their jurisdiction and develop a hazmat emergency response training program for awareness, operations, incident command, and technician level hazmat responders based on those needs. Topics covered include regulations and standards pertinent to hazmat emergency response, assessing the hazmat performance capabilities of a given jurisdiction, how to perform a hazmat vulnerability assessment of a given jurisdiction, and new technology and information for sustained hazmat response.

Target Audience:
Any credentialed hazmat instructor that has responsibility for providing hazmat training in their local jurisdiction for either public sector or private sector entities and has met the prerequisites of the course.

Prerequisite: ICS 100, ICS 200, First Responder Operations Level for Hazardous Materials Incidents (for instructors that are qualified and credentialed for Operations level refresher training, and First Responder Technician Level for Hazardous Materials Incidents (for instructors that are qualified and credentialed for Technician level refresher training)
Hours: 8
Cost: $130, or $160 for out of country attendees
MI-TRAIN Course ID: 1074749
Dates and Locations: December 2, 2019 – Lansing

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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: October 29-30, 2019 – Region 7
February 6-7, 2020 – Lansing
July 21-22, 2020 – Region 8

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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

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, or $350 for out of country attendees, (2 nights of eligible double occupancy lodging included)
MI-TRAIN Course ID: 1028961
Dates and Locations: October 21-23, 2019 – Lansing
April 22-24, 2020 – 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, or $350 for out of country attendees, (2 nights of eligible double occupancy lodging included)
MI-TRAIN Course ID: 1029000
Dates and Locations: November 18-20, 2019 – Lansing
May 26-28, 2020 – 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
This course can be taught onsite at your department/organization by completing a request.

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
This course can be taught onsite at your department/organization by completing a request.

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
This course can be taught onsite at your department/organization by completing a request.

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
This course can be taught onsite at your department/organization by completing a request.

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
This course can be taught onsite at your department/organization by completing a request.

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, 2019 – Lansing
March 12-13, 2020 – Region 5
June 2-3, 2020 – Region 8

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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 be taught onsite at your department/organization by completing a request.

Hours: 40
Cost: $900
MI-TRAIN Course ID: 1029070
Dates and Locations: March 2-6, 2020 – Lansing
August 17-21, 2020 – 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
Cost: $340, or $425 for out of country attendees, (3 nights of eligible double occupancy lodging included)
MI-TRAIN Course ID: 1034094
Dates and Locations: February 25-28, 2020 – Lansing

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Hazardous Materials Operations Level 8-Hour Refresher

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The Hazardous Materials Operations Level 8-Hour Refresher is a one-day class that can be brought to your department. This course is for all fire departments in the State of Michigan to satisfy the need of annual training for their Operations Level responders. The topics covered will better equip emergency responders with their first due on scene decision-making process. The course will cover MIOSHA Part 432 1910.120(q)(6)(ii) First responder operations level and 1910.120(q)(8) Refresher training and numerous NFPA 472 and 1072 standards. This course will fill gaps between the initial Hazardous Materials Operations certification and the ability to meet the required ongoing training requirements.

This course can be taught onsite at your department by completing a request.

Prerequisite: Hazardous Materials First Responder Operations
Hours: 8
MI-TRAIN Course ID: 1059932
Q Course Code Q05L: to request use of this funding please contact your Office of Fire Fighter Training, County Training Committee Contact.

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
This course can be taught onsite at your department/organization by completing a request.

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 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
This course can be taught onsite at your department/organization by completing a request.
Q Course Code Q05E: to request use of this funding please contact your Office of Fire Fighter Training, County Training Committee Contact.

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
This course can be taught onsite at your department/organization by completing a request.

Hazardous Materials Technician

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This revamped 80-hour course, which is now Pro Board® certified, 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: $900, or $1,125 for out of country attendees, (8 nights of eligible double occupancy lodging included)
MI-TRAIN Course ID: 1081543
Dates and Locations: October 14-18, November 4-8, 2019 – Lansing
March 23-27, April 27-May 1, 2020 – Lansing
May 11-15 & June 15-19, 2020 – 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 taught onsite at your department/organization by completing a request.

Prerequisite: 24-hour or 40-hour HAZWOPER course
Hours: 8
Cost: $135
MI-TRAIN Course ID: 1029004
Dates and Locations: October 24, 2019 – Lansing
January 21, 2020 – Lansing
May 18, 2020 – Lansing
August 24, 2020 – 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, or $350 for out of country attendees, (2 nights of double occupancy lodging included)
MI-TRAIN Course ID: 1034713
Dates and Locations: May 19-21, 2020 – 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: January 7-8, 2020 – Lansing
May 27-28, 2020 – Region 6
August 4-5, 2020 – Region 7

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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
This course can be taught onsite at your department/organization by completing a request.

Hospital Emergency Response Training: Application

Return to List

The Hospital Emergency Response Application is a 1-day follow-up course designed to provide practice for hospital staff and healthcare facilities that may be required to support a hospital's response to an MCI involving contamination. The course teaches learners how to apply NRF and NIMS to the HICS response to an MCI. This course will help hospitals, healthcare facilities, and agencies prepare to safely and effectively assist with the processing of MCI casualties.

To be eligible to attend the Hospital Emergency Response Application course, candidates must be employed by a healthcare facility or hospital and have successfully completed:

- AWR-160 Standardized Awareness Authorized Training Program or another certified awareness training course
- IS-100.HCb Introduction to the Incident Command System for Healthcare/Hospitals or any of the available IS-100 or ICS-100 series
- IS-200.b ICS for Single Resources and Initial Action Incidents or any of the available IS-200 or ICS-200 series
- IS-700.a National Incident Management System (NIMS), An Introduction
- IS-800.b National Response Framework (NRF), An Introduction
- Hospital Emergency Response Team Training

Hours: 8
MI-TRAIN Course ID: 1079046
This course can be taught onsite at your department/organization by completing a request.

ICS 300–Intermediate ICS for Expanding Incidents

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This three-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 for further details.

Prerequisites: ICS-100, ICS-200, IS-700, and IS-800
Hours: 24
Cost: No cost
MI-TRAIN Course ID: 1029037
Dates and Locations: December 10-12, 2019 – Lansing
March 17-19, 2020 – Lansing
August 11-13, 2020 – Lansing

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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 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 22-23, 2020 – Lansing
July 28-29, 2020 – Lansing

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Incident Command System (ICS) Private Sector

Return to List

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
This course can be taught onsite at your department/organization by completing a request.

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 22, 2020 – Lansing
April 29, 2020 – Region 5
September 2, 2020 – Region 6

Go to MI-TRAIN

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

Return to List

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 for further details.

Hours: 6
This course can be taught onsite at your department/organization by completing a request.
Q Course Code Q05O: to request use of this funding please contact your Office of Fire Fighter Training, County Training Committee Contact.

Joint Information Center/Joint Information System Interface (G291)

Return to List

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
This course can be taught onsite at your department/organization by completing a request.

Mercury Spill Response

Return to List

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
This course can be taught onsite at your department/organization by completing a request.

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

Return to List

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)

Go to MI-TRAIN

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 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 19-20, 2020 – Lansing
June 25-26, 2020 – Lansing
September 16-17, 2020 – Lansing

Go to MI-TRAIN

Professional Emergency Manager (PEM) Designation Exam

Return to List

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 4, 2019 – Lansing
April 21, 2020 – Lansing
August 26, 2020 – Lansing

Go to MI-TRAIN

Propane Emergencies

Return to List

This eight-hour course gives students the technical knowledge and hands-on skills required to response 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
Hours: 8
Cost: $130, or $160 for out of country attendees
Dates and Locations: May 8, 2020 – Lansing

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This course can be taught onsite at your department/organization by completing a request.
Q Course Code Q05H: to request use of this funding please contact your Office of Fire Fighter Training, County Training Committee Contact.

Railcar Specialty for Hazardous Materials Technician

Return to List

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
Hours: 24
Cost: $280, or $350 for out of country attendees, (2 nights of double occupancy lodging included)
MI-TRAIN Course ID: 1029065
Dates and Locations: June 9-11, 2020 – Lansing

Go to MI-TRAIN

Standardized Awareness Training (AWR-160)

Return to List

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 for further details.

Hours: 8
MI-TRAIN Course ID: 1029043
This course can be taught onsite at your department/organization by completing a request.

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: January 10, 2020 – Lansing
June 12, 2020 – Lansing

Go to MI-TRAIN

ONLINE COURSES

Hazmat/WMD Awareness

Return to List

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

Go to MI-TRAIN

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

Go to MI-TRAIN

Hazmat/WMD Chemical Spill Scenario

Return to List

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

Go to MI-TRAIN

Hazmat/WMD Decontamination

Return to List

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

Go to MI-TRAIN

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

Go to MI-TRAIN

Radiological Awareness for Hazmat

Return to List

This web-based training 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.

MI-TRAIN Course ID: 1085831

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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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