



MIOSHA Training Institute

Protecting the Safety and Health of Michigan's Workers

Since 2007 MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (Macomb) have partnered on the MIOSHA Training Institute (MTI). Employers, employees, and other interested parties can benefit from attending courses through the MTI. The MTI reaches out, educates, and leads the state's employers and employees in improving and advancing workplace safety and health.

MTI Certificate Program

The certificate program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise. The courses offer continuing education credits and maintenance points as well as an opportunity to achieve Level One and Level Two certificates in General Safety and Health, Safety and Health Management Systems (SHMS), and Occupational Health. Attending MTI courses may qualify an employer for "good faith" credits during a MIOSHA inspection which may lead to a reduction in penalties.

Courses are offered throughout the state in sponsorship with other Michigan Technical Education CentersSM, community colleges, and safety and health organizations at a reasonable cost. Participants can select and attend MTI courses at any cosponsored location. All participants who successfully complete a course will become part of the MTI database managed by Macomb. Participants are under no obligation to pursue certificate program requirements.

Level One Certificate Programs

Many Level One courses are designed for new safety and health coordinators, committee members, and others interested in general safety and health information. Level One allows the participant to begin the process of developing a SHMS while becoming familiar with MIOSHA Standards and other relevant topics.

To achieve the certificate, students in the General Industry Safety and Health track must successfully complete four classes, of which **MIOSHA General Industry 10-Hour** + and **Elements of a Safety and Health Management System (Blueprint)** are required, along with two electives from General Industry Level One courses, within three years. Students in the Construction Safety and Health track must successfully complete seven classes of which **MIOSHA 10-Hour Construction Course, MIOSHA Construction Part 45 – Fall Protection, and Health Hazards in Construction** are required along with four other electives from Construction Level One courses, within three years. All course dates and locations are listed in the training calendar at www.michigan.gov/mioshatraining.

Level Two Certificate Programs

Three certificate programs will be offered in Level Two. The Safety and Health Management Systems certificate will provide in-depth information on the administration and management of workplace safety and health systems. This program is designed for those with responsibility for implementing these systems. Students will be required to take **six** core classes to obtain this certificate. The General Industry compliance track requires four core classes and five electives. The Construction Level Two certificate track requires that students successfully pass any **eight** classes not previously taken from the Construction track. A Level One certificate must be achieved prior to the award of any Level Two certificate.

Occupational Health Certificate Program

The Occupational Health certificate is offered to those students who successfully complete five designated health classes.

LEVEL ONE CERTIFICATE PROGRAMS	LEVEL TWO CERTIFICATE PROGRAMS
General Industry Safety and Health	MIOSHA Compliance for General Industry
Required	Required
Elements of a Safety and Health Management System MIOSHA General Industry 10-Hour +	Part 7 – Guards for Power Transmission Parts 17, 39, and 40 – Electrical Standards for General Industry and Construction ***
Electives (Select 2) <i>Revised 10/1/16 *</i>	Part 85 – Control of Hazardous Energy Sources Parts 42, 92, and 430 – Hazard Communication and Right to Know Requirements***
Human Factors Engineering Job Safety Analysis Made Easy Machine Guarding and Hazard Identification Supervisor’s Role in Safety and Health ** When MIOSHA Enforcement Visits **	Electives (Select 5)
Construction Safety and Health	Industrial Robot Safety
Required	Understanding Industrial Laser Safety
Health Hazards in Construction MIOSHA Construction 10-Hour Course MIOSHA Construction – Part 45 Fall Protection	Part 1 – General Provisions Parts 2, 3, and 4 – Floor/Wall Openings, Stairways and Skylights, Fixed and Portable Ladders Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction***
Electives (Select 4)	Part 14 – Conveyors Part 21 – Powered Industrial Trucks: What Every Trainer and Operator Must Know Part 24 – Mechanical Power Presses Parts 90 and 490 – Permit Required Confined Spaces *** Part 380 – Occupational Noise Exposure*** Part 451 – Respiratory Protection*** Parts 472 and 554 – Medical Services and First Aid, Bloodborne Infectious Diseases***
Asbestos and Lead Awareness Excavations: The Grave Danger Electricity: The Invisible Killer MIOSHA Recordkeeping and Cost of Injuries*** Supervisor’s Role in Safety and Health** When MIOSHA Enforcement Visits** Part 2 – Masonry Wall Bracing Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction***	MIOSHA Compliance for Construction
Part 10 – Cranes and Derricks Part 12 – Scaffolds and Scaffold Platforms Part 13 – Mobile Equipment and Work Zone Safety Part 32 – Aerial Work Platforms Part 451 – Respiratory Protection*** Parts 17, 39 and 40 – Electrical Standards for General Industry and Construction*** Parts 42, 92, and 430 – Hazard Communication and Right to Know Requirements***	Students must successfully pass any eight electives not previously taken from the Construction track
	Safety and Health Management Systems (both General Industry and Construction)
	Required
	Advanced Accident Investigation Behavior-Based Safety: Fundamentals and Implementation Continuous Safety and Health Improvement Understanding and Improving Your Safety Culture (Formerly: Creating a Positive Safety Culture) Effective Safety and Health Training MIOSHA Recordkeeping and Cost of Injuries *** <u>Or</u> Workplace Inspection (Discontinued 9/2016)
OCCUPATIONAL HEALTH CERTIFICATE	
Required	
Parts 42, 92, and 430 – Hazard Communication and Right to Know Requirements *** Part 380 – Occupational Noise Exposure*** Part 451 – Respiratory Protection*** Parts 472 and 554 – Medical Services and First Aid, Bloodborne Infectious Diseases *** Human Factors Engineering *** (formerly Ergonomics) <u>Or</u> Parts 90 and 490 – Permit Required Confined Spaces ***	

* If you’ve successfully completed MIOSHA Recordkeeping and Cost of Injuries prior to 9/30/16, this counts towards your Level One General Industry elective.
** These classes eligible toward either or both the Level One General Industry or Construction track.
*** These classes may also be eligible towards either MTI Occupational Health, General Industry, or Construction certificates.

For a closer look at current CET seminars, including MTI course offerings, log on to:
www.michigan.gov/mti or www.macomb.edu/mti

For more information call the CET Division, 517-284-7720 or MTI at Macomb Community College, 586-498-4106.