



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, participants in the General Industry Safety and Health track must successfully complete four classes, of which **MIOSHA General Industry 10-Hour⁺** and **Recommended Practices for Safety and Health Programs** are required, along with two electives from General Industry Level One courses, within three years. Participants 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. Participants 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 participants successfully pass any **eight** classes not previously taken from the Construction track. There is no time limit for completing a Level Two certificate.

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 participants who successfully complete four required health classes and two electives from the health track. Successful completion of the designated health courses on a previous Progress Log/Application Form prior to March 3, 2023, will count towards the completion of the Occupational Health Certificate.

Level Two Safety and Health Management Systems Certificate Holders can SAVE \$\$\$ on College Tuition

For information about the MTI to Bachelor of Science degree in Environmental Health and Safety from Oakland University, call the CET Division at 517-284-7720 or visit www.michigan.gov/mti.

LEVEL ONE CERTIFICATE PROGRAMS	LEVEL TWO CERTIFICATE PROGRAMS
General Industry Safety and Health	MIOSHA Compliance for General Industry
Required	Required
MIOSHA General Industry 10-Hour [†]	Part 7 – Guards for Power Transmission
Recommended Practices for Safety and Health Programs	Part 85 – Control of Hazardous Energy Sources
Electives (Select 2)	Parts 17, 39, and 40 – Electrical Standards for General Industry and Construction**
Human Factors Engineering	Parts 42, 92, and 430 – Hazard Communication and Right to Know Requirements**
Job Safety Analysis Made Easy	Electives (Select 5)
Machine Guarding and Hazard Identification	Conveyors: Hidden Hazards
Supervisor’s Role in Safety and Health ***	Industrial Robotic Safety
When MIOSHA Enforcement Visits** (Online Course)	Silica Awareness
Construction Safety and Health	Understanding Industrial Laser Safety
Required	Part 1 – General Provisions (Online Course)
Health Hazards in Construction	Part 2 – Walking-Working Surfaces (Online Course or In-seat)
MIOSHA Construction 10-Hour Course	Part 21 – Powered Industrial Trucks: What Every Trainer and Operator Must Know
MIOSHA Construction – Part 45 Fall Protection	Part 380 – Occupational Noise Exposure**
Electives (Select 4)	Part 451 – Respiratory Protection**
Asbestos and Lead Awareness	Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction**
Electricity: The Invisible Killer	Parts 23 and 24 – Hydraulic and Mechanical Power Presses (Formerly: Part 23 Mechanical Power Presses)
Excavations: The Grave Danger	Parts 35, 90, and 490 – Confined Space in Construction and Permit-Required Confined Spaces in General Industry**
MIOSHA Recordkeeping and Cost of Injuries**	Parts 472 and 554 – Medical Services and First Aid, Bloodborne Infectious Diseases**
Silica Awareness	MIOSHA Compliance for Construction
Supervisor’s Role in Safety and Health*	Participants must successfully pass any eight electives not previously taken from the Construction track
When MIOSHA Enforcement Visits* (Online Course)	Safety and Health Management Systems (both General Industry and Construction)
Part 2 – Masonry Wall Bracing	Required
Part 10 – Cranes and Derricks	Behavior-Based Safety: Fundamentals and Implementation
Part 12 – Scaffolds and Scaffold Platforms	Continuous Safety and Health Improvement
Part 13 – Mobile Equipment and Work Zone Safety	Effective Safety and Health Training
Part 32 – Aerial Work Platforms	Incident Investigation
Part 451 – Respiratory Protection**	MIOSHA Recordkeeping and Cost of Injuries**
Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction**	Understanding and Improving Your Safety Culture
Parts 17, 39, and 40 – Electrical Standards for General Industry and Construction**	
Parts 35, 90, and 490 – Confined Space in Construction and Permit-Required Confined Spaces in General Industry**	
Parts 42, 92, and 430 – Hazard Communication and Right to Know Requirements**	
OCCUPATIONAL HEALTH CERTIFICATE *	
Required	
Fundamentals of Industrial Hygiene (New Summer 2022)	
Parts 42, 92, and 430 – Hazard Communication and Right to Know Requirements**	
Part 380 – Occupational Noise Exposure**	
Part 451 – Respiratory Protection**	
Electives (Select 2)	
Human Factors Engineering	
Silica Awareness	
Parts 35, 90, and 490 – Confined Space in Construction and Permit-Required Confined Spaces in General Industry**	
Parts 472 and 554 – Medical Services and First Aid, Bloodborne Infectious Diseases**	

* Successful completion of the designated health courses on a previous Progress Log/Application Form prior to March 3, 2023, will count towards the completion of the Occupational Health Certificate.

** These classes may also be eligible towards either MTI Occupational Health, General Industry, or Construction certificates.

*** Supervisor’s Role in Safety and Health class is eligible toward either or both the Level One General Industry or Construction track.

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.