



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	
MIOSHA General Industry Documentation: Are You in Compliance?		Industrial Robotic Safety	
Supervisor’s Role in Safety and Health ***		Silica Awareness	
When MIOSHA Enforcement Visits** (Online Course)		Understanding Industrial Laser Safety	
Construction Safety and Health		Part 1 – General Provisions (Online Course)	
Required		Part 2 – Walking-Working Surfaces (Online Course or In-seat)	
Health Hazards in Construction		Part 21 – Powered Industrial Trucks: What Every Trainer and Operator Must Know	
MIOSHA Construction 10-Hour Course		Part 380 – Occupational Noise Exposure**	
MIOSHA Construction – Part 45 Fall Protection		Part 451 – Respiratory Protection**	
Electives (Select 4)		Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction**	
Asbestos and Lead Awareness		Parts 23 and 24 – Hydraulic and Mechanical Power Presses (Formerly: Part 23 Mechanical Power Presses)	
Electricity: The Invisible Killer		Parts 35, 90, and 490 – Confined Space in Construction and Permit-Required Confined Spaces in General Industry**	
Excavations: The Grave Danger		Parts 472 and 554 – Medical Services and First Aid, Bloodborne Infectious Diseases**	
MIOSHA Recordkeeping and Cost of Injuries**		MIOSHA Compliance for Construction	
Silica Awareness		Participants must successfully pass any eight electives not previously taken from the Construction track	
Supervisor’s Role in Safety and Health*		Safety and Health Management Systems (both General Industry and Construction)	
When MIOSHA Enforcement Visits* (Online Course)		Required	
Part 2 – Masonry Wall Bracing		Behavior-Based Safety: Fundamentals and Implementation	
Part 10 – Cranes and Derricks		Continuous Safety and Health Improvement	
Part 12 – Scaffolds and Scaffold Platforms		Effective Safety and Health Training	
Part 13 – Mobile Equipment and Work Zone Safety		Incident Investigation	
Part 32 – Aerial Work Platforms		MIOSHA Recordkeeping and Cost of Injuries**	
Part 451 – Respiratory Protection**		Understanding and Improving Your Safety Culture	
Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction**			
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			
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.