



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 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 (Formerly: Elements of a Safety and Health Management System)		Parts 17, 39, and 40 – Electrical Standards for General Industry and Construction**	
Electives (Select 2)		Part 85 – Control of Hazardous Energy Sources	
Human Factors Engineering		Parts 42, 92, and 430 – Hazard Communication and Right to Know Requirements**	
Job Safety Analysis Made Easy			
Machine Guarding and Hazard Identification		Electives (Select 5)	
Supervisor's Role in Safety and Health *		Industrial Robotic Safety	
When MIOSHA Enforcement Visits** (Online Course)		Understanding Industrial Laser Safety	
Construction Safety and Health		Part 1 – General Provisions	
Required		Part 2 – Walking-Working Services (Formerly known as: Parts 2, 3, and 4 – Floor/Wall Openings, Stairways and Skylights, Fixed and Portable Ladders)	
Health Hazards in Construction		Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction**	
MIOSHA Construction 10-Hour Course		Part 14 – Conveyors	
MIOSHA Construction – Part 45 Fall Protection		Part 21 – Powered Industrial Trucks: What Every Trainer and Operator Must Know	
Electives (Select 4)		Part 24 – Mechanical Power Presses	
Asbestos and Lead Awareness		Parts 35, 90, and 490 – Confined Space in Construction and Permit-Required Confined Spaces in General Industry**	
Excavations: The Grave Danger		Part 380 – Occupational Noise Exposure**	
Electricity: The Invisible Killer		Part 451 – Respiratory Protection**	
MIOSHA Recordkeeping and Cost of Injuries**		Parts 472 and 554 – Medical Services and First Aid, Bloodborne Infectious Diseases**	
Supervisor's Role in Safety and Health*		MIOSHA Compliance for Construction	
When MIOSHA Enforcement Visits* (Online Course)		Students must successfully pass any eight electives not previously taken from the Construction track	
Part 2 – Masonry Wall Bracing		Safety and Health Management Systems (both General Industry and Construction)	
Part 10 – Cranes and Derricks		Required	
Part 12 – Scaffolds and Scaffold Platforms		Incident Investigation (Advanced Accident Investigation)	
Part 13 – Mobile Equipment and Work Zone Safety		Behavior-Based Safety: Fundamentals and Implementation	
Part 32 – Aerial Work Platforms		Continuous Safety and Health Improvement	
Part 451 – Respiratory Protection**		Understanding and Improving Your Safety Culture (Formerly: Creating a Positive Safety Culture)	
Parts 6, 33, and 433 – Personal Protective Equipment Standards for General Industry and Construction**		Effective Safety and Health Training	
Parts 17, 39 and 40 – Electrical Standards for General Industry and Construction**		MIOSHA Recordkeeping and Cost of Injuries**	
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			
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 OR			
Parts 35, 90 and 490 – Confined Space in Construction and Permit-Required Confined Spaces in General Industry**			

* 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.