



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 **Elements of a Safety and Health Management System (Blueprint)** 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 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

General Industry Safety and Health

Required

MIOSHA General Industry 10-Hour[†]

Recommended Practices for Safety and Health Programs
(Formerly: Elements of a Safety and Health Management System)

Electives (Select 2)

Human Factors Engineering

Job Safety Analysis Made Easy

Machine Guarding and Hazard Identification

Supervisor's Role in Safety and Health *

When MIOSHA Enforcement Visits** (Online Course)

Construction Safety and Health

Required

Health Hazards in Construction

MIOSHA Construction 10-Hour Course

MIOSHA Construction – Part 45 Fall Protection

Electives (Select 4)

Asbestos and Lead Awareness

Electricity: The Invisible Killer

Excavations: The Grave Danger

MIOSHA Recordkeeping and Cost of Injuries**

Supervisor's Role in Safety and Health*

When MIOSHA Enforcement Visits* (Online Course)

Part 2 – Masonry Wall Bracing

Part 10 – Cranes and Derricks

(Formerly Part 10 – Lifting and Digging Equipment)

Part 12 – Scaffolds and Scaffold Platforms

Part 13 – Mobile Equipment and Work Zone Safety

Part 32 – Aerial Work Platforms

Part 451 – Respiratory Protection**

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**

LEVEL TWO CERTIFICATE PROGRAMS

MIOSHA Compliance for General Industry

Required

Part 7 – Guards for Power Transmission

Part 85 – Control of Hazardous Energy Sources

Parts 17, 39, and 40 – Electrical Standards for
General Industry and Construction**

Parts 42, 92, and 430 – Hazard Communication
and Right to Know Requirements**

Electives (Select 5)

Conveyors: Hidden Hazards (Formerly: Part 14 – Conveyors)

Industrial Robotic Safety

Understanding Industrial Laser Safety

Part 1 – General Provisions

Part 2 – Walking-Working Services (Formerly Part 2, 3, 4 Floor/
Wall Openings, Stairways/Skylights, Fixed/Portable Ladders)

Part 21 – Powered Industrial Trucks:
What Every Trainer and Operator Must Know

Part 380 – Occupational Noise Exposure**

Part 451 – Respiratory Protection**

Parts 6, 33, and 433 – Personal Protective Equipment
Standards for General Industry and Construction**

Parts 23 and 24 – Hydraulic and Mechanical Power Presses
(Formerly Part 23 Mechanical Power Presses)

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**

MIOSHA Compliance for Construction

**Participants must successfully pass any eight electives
not previously taken from the Construction track**

Safety and Health Management Systems (both General Industry and Construction)

Required

Behavior-Based Safety: Fundamentals and Implementation

Continuous Safety and Health Improvement

Effective Safety and Health Training

Incident Investigation

(Formerly Advanced Accident Investigation)

MIOSHA Recordkeeping and Cost of Injuries** **Or**
Workplace Inspection (Discontinued 9/2016)

Understanding and Improving Your Safety Culture
(Formerly: Creating a Positive Safety Culture)

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.