



MIOSHA Training Institute

Protecting the Safety and Health of Michigan's Workers

MIOSHA Consultation Education & Training (CET) Division and Macomb Community College (Macomb) developed the MIOSHA Training Institute (MTI) through an alliance signed at Macomb's M-TEC. Employers, workers, union members, safety and health personnel, emergency responders, and college students 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 Certification Program

The MIOSHA Training Institute introduced a certification program on October 1, 2007. The certification 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 *General Safety and Health* certification. Level Two certification is under development and new programs are being presented in FY09. 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 M-TEC facilities, community colleges, and safety and health organizations. 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. Half-day workshops cost \$60, one-day seminars cost \$90, two-day seminars cost \$150, and three-day seminars are \$210. Participants are under no obligation to pursue certification requirements.

Level One Certification Programs

General Industry Safety and Health Program and Construction Safety and Health Program

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 safety and health management system while becoming familiar with MIOSHA Standards and other relevant topics.

Effective October 1, 2008, to achieve certification, students in the General Industry Safety and Health program must successfully complete four classes, of which **MIOSHA General Industry 10 Hour+** and **Blueprint for a Safety & Health Management System** are required, along with two electives from Level One courses, within a three-year time frame. Students in the Construction Safety and Health program must successfully complete seven classes of which **MIOSHA 10 Hour for Construction** and **Electricity: The Invisible Killer** are required along with five other electives, within three years. All course dates and locations are listed in the training calendar at www.michigan.gov/mioshatraining.

Level Two Certification Programs

Safety and Health Management Systems and MIOSHA Compliance

Two certification programs will be offered in Level Two. The "Safety and Health Management Systems" certification 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 **five Required** core classes and **one Required** General Industry or Construction Track Safety & Health Management class within the series to obtain this certification. The "MIOSHA Compliance" certification program will provide technical training on MIOSHA standards. The General Industry compliance track requires eight core classes and one elective. The core and elective Construction compliance track topics are still under development. Level One certification must be achieved prior to completion of any Level Two certification.

LEVEL ONE CERTIFICATION PROGRAMS	
General Industry Safety and Health	Construction Safety and Health
Required	Required
MIOSHA General Industry Ten Hour + (formerly Fundamentals of Safety & Health)	MIOSHA Construction 10-Hour Course
Blueprint For A Safety and Health Management System	Electricity: The Invisible Killer
Electives (Select 2)	Electives (Select 5)
Ergonomic Principles	Asbestos and Lead Awareness
Machine Guarding and Hazard Identification	Excavations: The Grave Danger
MIOSHA Recordkeeping and Cost of Injuries *	MIOSHA Recordkeeping and Cost of Injuries *
Supervisor's Role in Safety and Health *	Supervisor's Role in Safety and Health *
When MIOSHA Enforcement Visits *	When MIOSHA Enforcement Visits *
	Health Hazards in Construction
	MIOSHA Construction – Part 45 Fall Protection
LEVEL TWO CERTIFICATION PROGRAMS	
Level Two - Safety and Health Management Systems (both General Industry and Construction)	
Required	
Continuous Safety and Health Improvement	Creating a Positive Safety Culture
Job Safety Analysis Made Easy	Effective Safety and Health Training
Advanced Accident Investigation and Trend Analysis	
General Industry	Construction
Required (choose 1 below)	
How to Conduct a Workplace Inspection	How to Conduct a Job Site Survey
MIOSHA Compliance for General Industry	MIOSHA Compliance for Construction
Required	Tentative Classes
Part 1 – General Provisions	Parts 33, 433 (General Industry) & 6 (Construction) – Personal Protective Equipment **
Parts 2, 3, & 4 – Floor/Wall Openings, Stairways & Skylights, Fixed and Portable Ladders	Part 10 – Lifting & Digging Equipment: Construction Cranes and Rigging
Part 7 – Guards for Power Transmission	Part 12 – Scaffolds & Scaffold Platforms
Parts 33, 433 (General Industry) & 6 (Construction) – Personal Protective Equipment **	Part 13 – Mobile Equipment & Work Zone Safety
Parts 39 & 40 – Design Standards for Electrical Systems, Electrical Safety-Related Work Practices	Part 32 – Aerial Work Platforms & Devices
Part 85 – Control of Hazardous Energy Sources	Parts 92, 430 (GI) & 42 (Const) - Hazard Communication and Right to Know Requirements **
Parts 92, 430 (GI) & 42 (Const)-Hazard Communication and Right to Know Requirements **	Parts 7 & 18 – Welding & Cutting/ Fire Protection & Prevention
Parts 472 & 554 – Medical Services & First Aid, Bloodborne Infectious Diseases	Part 17 – Electrical Installations
Electives (Select 1)	
Part 14 – Conveyors	Part 451 – Respiratory Protection**
Part 21 – Powered Industrial Trucks	
Part 24 – Mechanical Power Presses	
Parts 90 & 490 – Permit Required Confined Spaces	
Part 380 – Occupational Noise Exposure & Hearing Conservation	
Part 451 – Respiratory Protection**	

* These classes can be used to meet certification requirements for either the Level One general industry or construction track.

** These classes can be used to meet certification requirements for either the Level Two Compliance general industry or construction track.

For a closer look at the 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) 322-1809

or

MTI at Macomb Community College, (586) 498-4106