



MONROE COUNTY
COMMUNITY COLLEGE

enriching lives

SAFETY TRAINING CATALOG

CORPORATE AND COMMUNITY SERVICES DIVISION



www.monroeccc.edu

MCCC Mission Statement

Monroe County Community College provides a variety of higher education opportunities to enrich the lives of residents of Monroe County.

CCS Division Mission Statement

To provide lifelong cultural, economic, educational, professional, and recreational opportunities which satisfy the diverse needs of the community.

Philosophy

Effective training is planned and supports your organization's mission. MCCC's Corporate and Community Services Division is your local training partner. As a partner, CCS can provide a training needs assessment and plan, a customized curriculum, and expert trainers

in your industry. We work together to ensure effective training that produces the results needed to accomplish your goals. Skills are enhanced, effective teams are developed, and your organization achieves expanded capacity.

Partnership Benefits

The economic success of our employers is the driving force in all that we do. By creating a partnership with employers, economic developers, workforce development boards, state/federal funding sources, and other training providers, the College can maximize the return on your investment. You also benefit from the applied best practices in training development and delivery.

Following is a sample of our training partners from all industries and all employee levels.

- DTE Energy
- Fluid Equipment Development Corp.
- Gerdau - MACSTEEL
- Global Engine Manufacturing Alliance
- Guardian Industries Corporation
- La-Z-Boy Incorporated
- Mercy Memorial Hospital
- Midway Products Group, Inc.
- Monroe Bank & Trust
- National Galvanizing, Inc.
- Pinnacle Technology Group
- Stoneco of Michigan
- TWB Company, LLC
- Tenneco Automotive
- The Spiratex Company
- Village of Dundee

Corporate and Community Services Division

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About Our Training and Services:

Monroe County Community College has been providing high quality, affordable training for Michigan businesses since its founding in 1964. The College is a partner in the MIOSHA Training Institute (<http://michigan.gov/dleg>) and we have achieved acceptance by the Michigan Department of Environmental Quality to issue Continuing Education Units for wastewater treatment plant and septage hauler licensees. The College is also a member of the Southeast Michigan Safety Council, and the National Safety Council. In partnership with the Monroe County Health Department, we offer monthly HealthGuard Professional Food Manager Certification training for food service operations. Our services encompass performance assessment/evaluation and all phases of training support.

Our instructors are available to provide training at your facility; our main campus in Monroe; or the Whitman Center in Temperance. It is not uncommon for our instructors to provide training on all three shifts, or on weekends. If you have a limited number of employees that need training, we offer public training sessions to accommodate smaller employers.

Our instructors are certified by various national and industry recognized organizations including American Red Cross, American Safety and Health Institute, American Heart Association, Scaffold Industry Association, American Society for Training and Development (ASTD) National Transportation Safety Institute, International Society for Performance Improvement, First Safety Institute, OSHA Outreach, U.S. Department of Transportation, National Safety Council and the National Fire Protection Association.

In addition to providing high quality safety training for your organization, MCCC can provide a safety audit that includes a walkthrough of your facility, a review of your safety procedures, and training plans.

For every student who satisfactorily completes a safety training session, Monroe County Community College provides a Certificate of Accomplishment, and appropriate CEU's are awarded. Student records are maintained, and you will be notified when employees are in need of renewal.

To request a cost quotation, or schedule training, or to inquire about additional safety training topics, please contact:

Barry Kinsey
Director of Workforce Development
734-384-4124
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Aerial Work Platforms

Regulatory Requirement References

MIOSHA Part 32, MIOSHA Part 45, ANSI Standard A92.3

Time Required 8 Hours	Re-qualification Period 3 Years
Min. # Students 4	Max # Students 4
Additional Course Material None	Pre-Requisites Fall Protection

General Overview

This course will address the administrative requirements as well as the basic requirements that apply to powered and manually propelled Aerial lifts. Students will learn how to avoid hazardous situations such as Tip Over Hazards, Fall Hazards, Electrocutation Hazards and Collision Hazards. This course also covers construction, operation, maintenance, and inspection of aerial work platforms with either manual or powered mobility permits and training, classification of types, and fall protection requirements.

Asbestos Awareness

Regulatory Requirement References

OSHA Standards 1910.1001, 1915.1001, 1926.1101 and MIOSHA Part 305 Rule 1910.1001.j AHERA 40 CFR 763.92

Time Required 2 Hours	Re-qualification Period 1 Year
Min. # Students 6	Max # Students 20
Additional Course Material None	Pre-Requisites None

General Overview

During this course, students will learn what asbestos is, the common types and uses of asbestos, and operations that may result in exposure. The health implications of asbestos exposure are covered in detail, including the relationship between asbestos and smoking to lung cancer. Students will become familiar with current regulations and exposure limits, medical surveillance requirements, and PPE and respiratory protection requirements. Asbestos Awareness Training is required annually for employees that may be exposed to asbestos in the work environment.

Blood-borne Pathogens

Regulatory Requirement References

OSHA Standard 29 CFR 1910.30,
MIOSHA Standard Rule 325.7000 Part 554

Time Required 2 Hours	Re-qualification Period 1 Year
Min. # Students 4	Max # Students 20
Additional Course Material None	Pre-Requisites None

General Overview

This course provides information on occupational exposure to blood-borne pathogens. Students will review state and federal regulations, precautions and controls to prevent infection, and the primary pathogens of concern. General explanations of the epidemiology and symptoms of blood-borne diseases are covered as well as information on available vaccinations, post-exposure treatment, monitoring programs, and record-keeping. The students will review the Client's Exposure Control Plan (or a generic plan if Client does not have a specific program) and job classifications and tasks that may involve exposure to blood or other infectious materials.

Blood-borne Cleanup

Regulatory Requirement References

OSHA Standard 29 CFR 1910.30,
MIOSHA Standard Rule 325.7000 Part 554

Time Required 8 Hours	Re-qualification Period 1 Year
Min. # Students 2	Max # Students 6
Additional Course Material Yes	Pre-Requisites None

General Overview

This course provides information on occupational exposure to blood-borne pathogens and training in how to contain, decontaminate, and cleanup blood and biological tissues following an injury or accident in the workplace. Students will review state and federal regulations, precautions and controls to prevent contamination, vaccination programs, post-exposure treatment, monitoring programs, and recordkeeping. Selection and use of personal protective equipment and cleanup techniques are demonstrated prior to practice exercises. A written examination and a practical skills demonstration are required for successful completion.

NOTE: Blood-borne pathogens are included as an integral part of this course.

Confined Space – Attendant Rescue

Regulatory Requirement References

OSHA 1910.146, MIOSHA Part 90, 490, and 622

Time Required 8 Hours	Re-qualification Period 1 Year
Min. # Students 4	Max # Students 8
Additional Course Material None	Pre-Requisites None

General Overview

This course introduces participants to the dangers associated with confined spaces and includes a review of the procedures necessary to perform safe entry. The course provides refresher training on the most common causes of accidents in confined spaces, how to properly identify an OSHA/MIOSHA defined confined space and the conditions of that confined space. Students are trained to identify situations requiring atmosphere testing, and in implementing correct hazard elimination techniques. Appropriate entry procedures such as attendant, entrant, entry leader/permit issuer, and rescue team responsibilities are discussed in detail to ensure the student is clear as to their role during confined space entry. Students will enter a confined space with proper safety equipment and extract a subject from a confined space.

Confined Space – Entry

Regulatory Requirement References

OSHA 1910.146, MIOSHA Part 90, 490, and 622

Time Required 4 Hours	Re-qualification Period 1 Year
Min. # Students 4	Max # Students 16
Additional Course Material None	Pre-Requisites None

General Overview

This course provides training on the most common causes of accidents in confined spaces, how to properly identify an OSHA/MIOSHA defined confined space and the conditions of that confined space. Students are trained to identify situations requiring atmosphere testing, and in implementing correct hazard elimination techniques. Appropriate entry procedures such as attendant, entrant, entry leader/permit issuer, and rescue team responsibilities are discussed in detail to ensure the student is clear as to their role during confined space entry. This course introduces participants to the dangers associated with confined spaces and includes a review of the procedures necessary to perform safe entry.

CPR/AED for the Community and Workplace

Regulatory Requirement References

2005 Emergency Cardiovascular Care (ECC) Guidelines 29 CFR 1910.151

Time Required 4 Hours	Re-qualification Period 2 Years
Min. # Students 6	Max # Students 10
Additional Course Material None	Pre-Requisites None

General Overview

CPR and use of an AED are basic life saving skills for everyone. Through instructor led discussion, hands-on application, and video enhancement, students will learn the proper response skills for emergency scene assessment, choking assistance, unconscious victim resuscitation, cardiac arrest, and stroke.

Cranes – Mobile

Regulatory Requirement References

OSHA 29FR 1910.179, MIOSHA Part 20, 49

Time Required 8 Hours	Re-qualification Period 3 Years
Min. # Students 4	Max # Students 24
Additional Course Material None	Pre-Requisites Fall Protection / Slings and Rigging

General Overview

This course was designed to address occupational safety hazards associated with mobile cranes. This course begins with the fundamentals such as identification of major crane components and focuses on the safe and proper operation of the crane. In addition, information concerning basic crane construction, basic rigging, crane controls, controlling load swing, and pre-operational inspections and lockout of hazardous energy sources will also be covered. This course includes a hands-on operation of the mobile crane.

*The classroom portion of this training is available for those who do not require the hands on portion (4 hours).

Cranes – Overhead

Regulatory Requirement References

OSHA 29FR 1910.179, MIOSHA Part 20, 49

Time Required 8 Hours	Re-qualification Period 3 Years
Min. # Students 4	Max # Students 24
Additional Course Material None	Pre-Requisites Slings and Rigging / Hand Signaling

General Overview

This course was designed to address occupational safety hazards associated with operating overhead cranes. This course begins with the fundamentals such as identification of major crane components and focuses on the safe and proper operation of the crane. In addition information concerning basic crane construction, basic rigging, crane controls, controlling load swing, and pre-operational inspections and lockout of hazardous energy sources will also be covered. This course includes a hands-on operation of the overhead crane.

*The classroom portion of this training is available for those who do not require the hands on portion (4 hours).

DOT/RCRA Waste Manifest Training

Regulatory Requirement References

40CFR Parts 264/265, 49CFR172 Sub Part H

Time Required 4 Hours	Re-qualification Period None
Min. # Students 1	Max # Students 30
Additional Course Material None	Pre-Requisites None

General Overview

This half day training session includes function specific information such as how to identify of hazardous materials according to U.S. Department of Transportation (DOT) hazardous material shipping criteria and how to recognize appropriate documentation requirements for Hazardous and Non-Hazardous materials shipping papers and waste manifests. A review of the differences between Hazardous Waste Manifests, shipping papers and manifests are also covered. Topics Covered:

- Identification of hazardous materials according to U.S. DOT hazardous material shipping criteria
- Identification of appropriate documentation requirements for hazardous and non-hazardous materials shipping papers and waste manifests
- Identify the purpose, scope and applicability of the DOT Hazardous Material Regulations (HMR).
- Identify personal liability for failure to comply with the HMRs.
- Identify the training requirements DOT has in place for hazardous material employees.
- Understand the general layout of the HMRs.

Electrical Safety

Regulatory Requirement References

OSHA 29 CFR 1910.331 & 332, MIOSHA Part 40

Time Required 4 Hours	Re-qualification Period N/A
Min. # Students 4	Max # Students 16
Additional Course Material None	Pre-Requisites None

General Overview

This course covers Electrical Safety-Related Work Practices, and is designed as an overview of requirements for employees and employers who work with, or may be exposed to, electric power that is not reduced to a safe level by electrical installation requirements. This course will familiarize students with the skills and techniques needed to distinguish exposed live equipment from other parts of electric equipment as well as the skills needed to determine the nominal voltage of exposed electrical parts. A review of "qualified" and "non-qualified" employees as well as clearance distances from exposed live electrical components will be covered.

* The classroom portion of this training is available for those who do not require the hands on portion (4 hours).

Excavation and Trenching

Regulatory Requirement References

OSHA Standard 1926.650,
MIOSHA Standard Rule 408.40114 Part 9

Time Required 8 Hours	Re-qualification Period Initial and as needed
Min. # Students 2	Max # Students 4
Additional Course Material None	Pre-Requisites None

General Overview

This course focuses on OSHA standards and the safety aspects of excavation and trenching. Students review practical soil mechanics and their relationship to the stability of shored and un-shored slopes and walls of excavations. Various types of shoring (wood timbers and hydraulic) are covered. Students will review procedures necessary to safely work around excavations on the job. This includes how to cross trenches, proper entry and exit from excavations, exposure to vehicles, exposure to falling loads, warning systems, and emergency response.

Fall Protection

Regulatory Requirement References

OSHA 1926.500, 1926.107b-107c, MIOSHA Part C45

Time Required 4 Hours	Re-qualification Period Special Requirements
Min. # Students 4	Max # Students 8
Additional Course Material None	Pre-Requisites None

General Overview

Upon successful completion of this fall protection training, students shall be able to properly identify and implement approved fall prevention policies. This includes fall hazard analysis, conditions which require fall protection, the components and implementation of the buddy system, and the fall arrest system. Fall arrest system equipment and proper usage, such as selection of anchor points and equipment limitations, along with inspection requirements, are illustrated in a hands-on portion of the course.

Fire Extinguisher

Regulatory Requirement References

OSHA Standards 1910.1001, 1915.1001, 1926.1101 and
MIOSHA Part 305 Rule 1910.1001.j AHERA 40 CFR 763.92

Time Required 1 Hour	Re-qualification Period 1 Year
Min. # Students 6	Max # Students 24
Additional Course Material None	Pre-Requisites None

General Overview

This course is designed to familiarize students with portable fire extinguishers and their use in fire protections. Types of fires, extinguisher classifications, general principles of fire extinguisher use, extinguisher limitations, and the hazards associated with incipient stage fire fighting are covered. Students also review and discuss methods of notification and risk assessments that evaluate fire size, evacuation path, and the atmosphere in the vicinity of the fire.

First Aid

Regulatory Requirement References

29 CFR 1910.151

Time Required

3 Hours

Re-qualification Period

3 Years

Min. # Students

6

Max # Students

10

Additional Course Material

None

Pre-Requisites

CPR and AED is recommended

General Overview

Basic First Aid is designed to provide hands-on training to employees on first aid techniques. The course includes instruction on evaluating an emergency situation, assisting emergency medical services, and liability protections for providing assistance.

Hand and Power Tools

Regulatory Requirement References

OSHA Standard 1910.241,

MIOSHA Standard Rule 408.13811 Part 38

Time Required

2 Hours

Re-qualification Period

N/A

Min. # Students

6

Max # Students

24

Additional Course Material

None

Pre-Requisites

None

General Overview

This course covers Safety-Related Work Practices, maintenance and operation of hand tools and portable powered tools in the workplace. Students will become familiar with safety requirements such as personal protective equipment and general safety precautions for portable power tools. This course will also cover employer and employee responsibilities as they relate to regulatory safety requirements as well as storage, inspection, modification and safety controls. Students will also become familiar with the most common hand and power tool hazards.

Hazard Communications

Regulatory Requirement References

OSHA Standards 1910.1001, 1915.1001, 1926.1101 and MIOSHA Part 305 Rule 1910.1001.j AHERA 40 CFR 763.92

Time Required

2 Hours

Re-qualification Period

As needed

Min. # Students

2

Max # Students

24

Additional Course Material

None

Pre-Requisites

None

General Overview

This course will provide employees with information and training on hazardous materials in their work area. This training will cover categories of hazards (e.g., flammability, carcinogenicity) as well as protective measures and specific procedures the employer has implemented for employee safety. Employees will be trained in the employer's hazard communication program, use of Material Safety Data Sheets, appropriate work practices, emergency procedures, and personal protective equipment to be used. Hazard labeling systems (DOT, NFPA, ETC.) and information resources will also be reviewed.

HAZWOPER 24 Hour Operations Level

Regulatory Requirement References

OSHA Standard 24 CFR 1910.120,

MIOSHA Standard Rule 325.52110,52111 Part 432

Time Required

24 Hours

Re-qualification Period

1 Year – 8-hour Refresher

Min. # Students

5

Max # Students

24

Additional Course Material

None

Pre-Requisites

None

General Overview

This course consists of 3 days of lectures, classroom discussions, demonstrations, and hands-on exercises covering:

- Relevant Federal and State Regulations
- Recognition of health and safety hazards
- Hazard and risk assessment
- Personal protective equipment
- Decontamination
- Spill control and containment
- Emergency response planning
- Incident command system fundamentals

Students completing this awareness level course shall have sufficient training to objectively demonstrate competency in the following areas: Understanding what hazardous substances are and the associated risks. Understanding the potential outcomes associated with an emergency created when hazardous substances are present. The ability to recognize and/or identify the presence of hazardous substances in an emergency. The ability to realize the need for additional resources and to make appropriate notifications to the communication center. Certificates of completion and CEU's will be awarded as evidence of training for OSHA.

HAZWOPER 8 Hour Annual Refresher

Regulatory Requirement References

OSHA Standard 24 CFR 1910.120,
MIOSHA Standard Rule 325.52110,52111 Part 432

Time Required 8 Hours	Re-qualification Period 1 Year
Min. # Students 5	Max # Students 24
Additional Course Material None	Pre-Requisites HAZWOPER 24 Hour Operations Level

General Overview

This eight-hour session meets the OSHA annual refresher training requirements. It is specifically for persons who have already completed an initial course of 24 or more hours of instruction in emergency response and hazardous material training. Certificates of completion and CEU's will be awarded as evidence of training for OSHA.

Hearing Conservation

Regulatory Requirement References

OSHA Standard 1910.25,
MIOSHA Standard Rule 325.60123 Part 380

Time Required 1 Hour	Re-qualification Period 1 Year
Min. # Students 6	Max # Students 24
Additional Course Material None	Pre-Requisites None

General Overview

This course is designed to provide workers with information on occupational noise exposures and hearing impairment. The causes of hearing loss and loss prevention measures are discussed. This course also includes the advantages and disadvantages of various types of hearing protectors; their selection, fit, and care, and the purpose and process of audiometric testing.

Hot Work

Regulatory Requirement References

OSHA Gen. Industry 1910.146; 1910.252; .253; .254 and .272
OSHA Construction Standards 1926.803; .350; .352 and .353

Time Required 1 Hour	Re-qualification Period N/A
Min. # Students 4	Max # Students 24
Additional Course Material None	Pre-Requisites None

General Overview

This course familiarizes students with the purpose of Hot Work Programs and Hot Work permits in preventing fires. Types of hot work operations and their potential as an ignition source, fire watch requirements, and the permit process are discussed to ensure students are aware of responsibilities and potential dangers.

Ladder Safety

Regulatory Requirement References

OSHA Standard 1910.24, 27,
MIOSHA Standard Rule 408.10311 Parts 3 & 4

Time Required 2 Hours	Re-qualification Period N/A
Min. # Students 4	Max # Students 16
Additional Course Material None	Pre-Requisites None

General Overview

This course is intended to familiarize students with regulatory requirements for the installation and use of fixed and portable ladders. Students will review the minimum requirements for the construction, care, and use of common types of ladders in order to insure safety under normal conditions of usage. Types I, II and III will be covered as well as their inspection and maintenance. Design considerations such as rung specifications, cleats, pitch as well as fastenings, load requirements and design stresses will also be covered.

Lead Awareness

Regulatory Requirement References

OSHA 1926.62, 1910.1025

Time Required

2 Hours

Re-qualification Period

1 Year

Min. # Students

4

Max # Students

8

Additional Course Material

None

Pre-Requisites

None

General Overview

This training course is intended to provide information on regulatory requirements involved in working with lead, medical surveillance programs, and the adverse health effects associated with excessive exposure to lead. This course also provides information on the types of activities involving worker exposure to lead and the feasible engineering and work practice controls to reduce these exposures.

Topics Covered include: permissible exposure limits, exposure assessments, symptoms that may indicate exposure to lead, medical surveillance, PPE, engineering controls, housekeeping & personal hygiene and safe work practices.

Lockout Tag Out

Regulatory Requirement References

OSHA 29 CFR 1910.147

Time Required

2 Hours

Re-qualification Period

Special Requalification Requirements

Min. # Students

4

Max # Students

24

Additional Course Material

None

Pre-Requisites

None

General Overview

This course addresses occupational safety hazards that may cause workplace accidents and injuries during maintenance, service, or repair of equipment. Lockout/Tag out (LOTO) provides training in specific practices and procedures to safeguard employees from the unexpected energization or startup of machinery and equipment, or the release of hazardous energy, during service or maintenance activities. Regulatory requirements regarding isolating energy sources before performing service or maintenance and the installation of locking or tagging devices and clearance procedures are covered.

Topics covered include: employee protection through the use and application of locks, tags, chains, wedges, key blocks, adapter pins, and other hardware used for isolating, securing or blocking of machines or equipment from energy sources, including machine guards, are covered in detail.

Mobile Equipment

Regulatory Requirement References

OSHA Standard(s) 1910.1000, 1910.179, 1910.180, 1910.181
MIOSHA Standard Rule 408.12152 Part 21 & ANSI B56.1-1969

Time Required

6 Hours

Re-qualification Period

3 Years

Min. # Students

2

Max # Students

4

Additional Course Material

None

Pre-Requisites

None

General Overview

Course participants will gain knowledge and practical skills related to: warnings, precautions and safe work practices related to Mobile Equipment. Students will learn to recognize potential hazards, and become familiar with the maintenance and safe use and operation of mobile equipment. This course reviews standard operating instructions, warnings, attachments, maximum load capacities, maximum elevations, refueling/recharging for common types of equipment that the operator will be authorized to operate. This course also provides practical exercises in equipment operation.

NFPA 70E Arc Flash

Regulatory Requirement References

NFPA 70E, Handbook for Electrical Safety in the Workplace, 29 CFR 1910 Subpart S - Electrical (OSHA) 29 CFR 1910.147 "Control of Hazardous Energy Sources" (OSHA), MIOSHA Part 40 "Electrical Safety-Related Work Practices", MIOSHA Part 85 "Control of Hazardous Energy Sources"

Time Required

7 – 8 Hours

Re-qualification Period

N/A

Min. # Students

6

Max # Students

24

Additional Course Material

Yes

Pre-Requisites

None

General Overview

Through this course, students will gain an understanding of how to create electrically safe working conditions as well as the relationships between OSHA, MIOSHA, NEC and the NFPA. They will also review energy control procedures, energized electrical work permits, the purpose of a Hazard/Risk analysis and the effects of an arc blast. In addition, this course reviews common electrical terms and their application as well as electrical safety "best practices" and why the use of correct PPE and observing electrical safety practices are essential for routine electrical procedures.

OSHA 10-Hour Construction Industry Outreach Training

Regulatory Requirement References

OSHA Standards 1926.20(f)(2)

Time Required 10 Hours	Re-qualification Period N/A
Min. # Students N/A	Max # Students 24
Additional Course Material None	Pre-Requisites None

General Overview

This program is for anyone who will be employed on a construction site. The class is conducted in accordance with OSHA Outreach Training Programs guidelines. The class is designed for students to recognize and the prevention of hazards on construction sites. The emphasis is for hazards identification, avoidance, control and prevention. Students who complete the course and pass the test will receive a 10 Hour course completion card for Construction Safety & Health, issued by OSHA. This training is a very interactive class between the instructor and students with lots of questions. The training will also include discussion of the OSHA Act, other types of OSHA standards, types of penalties, most cited violations, how to handle an onsite OSHA inspection, and corporate and Site Specific Safety Plans.

OSHA 10-Hour General Manufacturing Outreach Training

Regulatory Requirement References

Time Required 10 Hours	Re-qualification Period N/A
Min. # Students N/A	Max # Students 24
Additional Course Material None	Pre-Requisites None

General Overview

The 10-hour General Industry Outreach Training Program is intended to provide general industry workers a broad awareness on recognizing and preventing hazards on a general industry sites. The training covers a variety of safety and health hazards, which a worker may encounter at a general industry site. OSHA recommends this training as an orientation to occupational safety and health, however workers must also receive additional training on hazards specific to their job. Training should emphasize hazard identification, avoidance, control and prevention, not OSHA standards.

Instructional time must be a minimum of 10 hours with 6 of the 10 hours including the following subjects:

- Introduction to OSHA, including:
 - OSH Act, General Duty Clause, Employer and Employee Rights and Responsibilities, Whistleblower Rights, Recordkeeping basics
 - Inspections, Citations, and Penalties
 - Value of Safety and Health
 - OSHA Website and available resources
 - OSHA 800 number
- Walking and Working Surfaces, Subpart D - including fall protection
- Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire Protection, Subpart E & L
- Electrical, Subpart S
- Personal Protective Equipment, Subpart I
- Hazard Communication, Subpart Z

The remaining time must consist of at least two or more of the following elective topics:

- Hazardous Materials, Subpart H
- Materials Handling, Subpart N
- Machine Guarding, Subpart O
- Introduction to Industrial Hygiene, Subpart Z
- Bloodborne Pathogens, Subpart Z
- Ergonomics
- Safety and Health Program

Personal Protective Equipment

Regulatory Requirement References

OSHA 1910.132, 1910.133, 1910.134, 1910.135, 1910.136, 1910.137, 1910.138 & MIOSHA Part 33

Time Required

2 Hours

Re-qualification Period

As Needed

Min. # Students

4

Max # Students

24

Additional Course Material

None

Pre-Requisites

None

General Overview

This course covers the use, maintenance, sanitation and general work practices for personal protective equipment, including equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers. Students will become familiar with when protective equipment may be required by reason of hazards of processes or environment, chemical hazards, radiological hazards, or mechanical irritants encountered in a manner capable of causing injury or impairment in the function of any part of the body thorough absorption, inhalation or physical contact. An overview of the hazard assessment provided by the employer identifying workplace hazards will also be covered, if available.

Powered Industrial Trucks – Forklift

Regulatory Requirement References

OSHA 1910.178 MIOSHA Part 21

Time Required

4 Hours

Re-qualification Period

3 Years

Min. # Students

3

Max # Students

5

Additional Course Material

None

Pre-Requisites

None

General Overview

This course is designed to train students in the safe operation and maintenance of fork trucks, tractors, platform lift trucks, and other specialized industrial trucks powered by electric motors or internal combustion engines. The course reviews standard operating instructions, warnings, attachments, maximum loads, maximum elevations, refueling/recharging and standard maintenance required for the type of truck the operator will be authorized to operate.

Practice exercises include controls and instrumentation, equipment checks, and steering and maneuvering. Successful completion of a written exam and a skills proficiency demonstration are required for certification.

Respiratory Protection

Regulatory Requirement References

OSHA standard 1910.134, MIOSHA Part 451

Time Required

4 Hours

Re-qualification Period

1 Year

Min. # Students

4

Max # Students

12

Additional Course Material

None

Pre-Requisites

Respirator Fit Test and Physical

General Overview

Initial respiratory protection training introduces the students to common air borne hazards and the protective devices used to ensure safe work conditions. The different types of respirators available and the intended use for each type are discussed. Students will be trained in pre-use and seal checks, routine maintenance requirements, cleaning and storage, and respirator malfunctions. It is recommended that each student bring their assigned respirator mask for the training session.

Scaffold Safety – Awareness

Regulatory Requirement References

OSHA 1926.454, MIOSHA Part 5, 12, and 21

Time Required

4 Hours

Re-qualification Period

3 Years

Min. # Students

4

Max # Students

12

Additional Course Material

Yes

Pre-Requisites

None

General Overview

This Scaffold Industry Association (SIA) course is designed to ensure that any employee who performs work on scaffolding recognizes the associated hazards and understands the procedures to control or minimize those hazards. Also included is a review of the correct procedures for erecting, maintaining, and disassembling a fall protection system.

Scaffold Competent Person

Regulatory Requirement References

OSHA 1926.454, MIOSHA Part 5, 12, and 21

Time Required 8 Hours	Re-qualification Period 3 Years
Min. # Students 4	Max # Students 8
Additional Course Material None	Pre-Requisites None

General Overview

Available in all three major supported scaffold systems: Frame Scaffolds, System Scaffolds and Tube and Coupler Scaffolds. This program is for scaffold erectors and covers all the safety aspects regarding scaffold foundations, scaffold components, regulations, guardrail requirements, and erection and dismantling procedures for scaffolds that exceed the height to base ratio and need to be stabilized.

Scaffold Primary Access

Regulatory Requirement References

OSHA 1926.454, MIOSHA Part 5, 12, and 21

Time Required 12 Hours	Re-qualification Period 3 Years
Min. # Students 4	Max # Students 12
Additional Course Material Yes	Pre-Requisites Scaffold Safety

General Overview

Primary Access Training is a Scaffold Industry Association (SIA) certificate course designed for initial or recertification level training of erectors. The course covers erection procedures for scaffolds that does not exceed height to base ratios (including rolling scaffolds) and the safety aspects included in the Scaffold User Safety Hazard Awareness course. The course is available in all three major supported scaffold systems: Frame Scaffolds, System Scaffolds and Tube and Coupler Scaffolds. A student workbook is provided 2 weeks before the course is administered and must be turned in complete prior to attending the classroom/practical session. A written examination and skills demonstration are required for student certification.

Slings and Rigging

Regulatory Requirement References

OSHA Standard 1910.179, 1910.184, MIOSHA Part 10, 18, ANSI

Time Required Hours 4 – 6	Re-qualification Period 3 Years
Min. # Students 4	Max # Students 6
Additional Course Material None	Pre-Requisites None

General Overview

This course begins with the fundamentals such as load identification and calculation, the course also reviews the proper selection, inspection and proper use of rigging materials such as slings, shackles and hooks, turnbuckles and spreader beams.

Welding Safety

Regulatory Requirement References

29 CFR 1910.25- Required Fire Prevention Actions for Welding and Hot Work, 29CFR 1910.252 Personal protective equipment, 29CFR 1926.350(d)- Gas Welding and Cutting

Time Required 2 – 4 Hours	Re-qualification Period None
Min. # Students 4	Max # Students 12
Additional Course Material None	Pre-Requisites None

General Overview

This course will address the basic knowledge required in order to prevent hazardous situations with potential exposure to burns, eye damage, electrical shock, crushed toes and fingers, and the inhalation of vapors when exposed to work that involves the use of an open flame or arc when involved in welding, cutting and brazing operations.



**MONROE COUNTY
COMMUNITY COLLEGE**

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