

# ATSM-1040: OSHA 16 HOUR SAFETY TRAINING

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## Cuyahoga Community College

**Viewing: ATSM-1040 : OSHA 16 Hour Safety Training**

**Board of Trustees:**

2012-05-24

**Academic Term:**

Fall 2018

**Subject Code**

ATSM - Applied Ind Tech- Sheetmetal

**Course Number:**

1040

**Title:**

OSHA 16 Hour Safety Training

**Catalog Description:**

Introduction to the Occupational Safety and Health Act (OSHA). Topics include employee responsibilities and rights, standards, and basic hazard training.

**Credit Hour(s):**

1

**Lecture Hour(s):**

1

## Requisites

**Prerequisite and Corequisite**

Departmental approval: admission to Sheet Metal Worker's apprenticeship program.

## Outcomes

**Course Outcome(s):**

Apply knowledge of OSHA regulations when working in the sheetmetal industry.

**Objective(s):**

1. Explain and identify the Occupational Safety and Health Act of 1970.
2. Discuss the OSHA general duty clause.
3. Identify and discuss the employer's responsibility for a safe work environment.
4. Identify and explain the employee's responsibility for a safe work environment.
5. Define a "qualified person".
6. Define a "trained employee".
7. Differentiate and identify a trained employee versus a competent person.

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**Methods of Evaluation:**

1. Quizzes
2. Exams
3. Classroom participation

**Course Content Outline:**

1. What is OSHA?
  - a. Williams-Steiger Act (1970)
  - b. OSHA (Occupational Safety and Health Administration-"Federal OSHA").
2. Employee responsibilities and rights

- a. Employee responsibilities
  - b. Employee rights
  - c. Competent person
  - d. Qualified person
  - e. Trained employee
  - f. Competent person vs. qualified person
3. Standards
- a. OSHA standard no. 1926.20 (general safety and health provisions)
  - b. OSHA standard no. 1926.21 (safety training and education)
  - c. OSHA standard no. 1926.32 (definitions)
4. Basic hazard training
- a. Fall protection
    - i. subpart M
    - ii. fall protection systems criteria and practices
    - iii. protection from falling objects
    - iv. training
  - b. Personal protective equipment
    - i. head protection
    - ii. eye protection
    - iii. hearing protection
    - iv. hand protection
    - v. respiratory protection
  - c. Hazard communication
    - i. hazard communication standard
    - ii. employer requirements
    - iii. labels and placards
    - iv. Material safety data sheet (MSDS)
    - v. limitations of MSDS
  - d. Asbestos/lead
    - i. health effects
    - ii. classification of asbestos
    - iii. OSHA asbestos standards
    - iv. respirators
    - v. lead abatement

## Resources

Organized Labor Ohio Contractors Association-Student Workbook. "Safety Training Passport"

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United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. "Scaffold Regulations"

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United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. "Frame Scaffolding"

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United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. "Confined Space Participants Manual"

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United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. "Fall Protection Participant's Manual"

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