



Western Technical College

10410101 OSHA for Woods

Course Outcome Summary

Course Information

Description	In this course students will study the following: Introduction to OSHA, Focus Four Hazard Fall protection, Struck-by hazards, Caught-in or between hazards, Electrocutation hazards, Personal protective and life-saving equipment, health hazards in construction, scaffolds and ladders, and other construction related safety concerns.
Career Cluster	Architecture and Construction
Instructional Level	Associate Degree Courses
Total Credits	1
Total Hours	18

Textbooks

No textbook required.

Learner Supplies

Scientific Calculator - \$20. **Vendor:** Campus Shop. Required.

Success Abilities

1. Refine Professionalism: Act Ethically

Program Outcomes

1. Apply industry recognized safety practices and procedures

Course Competencies

1. Examine "Introduction to OSHA".

Assessment Strategies

- 1.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 1.1. you can explain the importance of OSHA.
- 1.2. you explain workers rights, employer responsibilities, and the use of OSHA standards.
- 1.3. you identify resources inside and outside the workplace to find information on safety and health issues.

Learning Objectives

- 1.a. Explain why OSHA is important to workers.
- 1.b. Explain workers rights under OSHA.
- 1.c. Discuss employer responsibilities under OSHA.
- 1.d. Discuss the use of OSHA standards.
- 1.e. Explain how OSHA inspections are conducted.
- 1.f. Use helpful worker safety and health resources.

2. Examine "Construction Focus Four: Fall Hazards".

Assessment Strategies

- 2.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 2.1. you identify and describe different types of fall hazards.
- 2.2. you identify how to protect yourself from fall hazards.

Learning Objectives

- 2.a. Identify major fall hazards.
- 2.b. Describe types of fall hazards.
- 2.c. Protect yourself from fall hazards.
- 2.d. Recognize employer requirements to protect workers from fall hazards.

3. Examine "Construction Focus Four: Electrocution Hazards".

Assessment Strategies

- 3.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 3.1. you identify and describe different types of electrocution hazards.
- 3.2. you identify how to protect yourself from electrocution hazards.

Learning Objectives

- 3.a. Identify major electrocution hazards.
- 3.b. Describe types of electrocution hazards.
- 3.c. Protect yourself from electrocution hazards.
- 3.d. Recognize employer requirements to protect workers from electrocution hazards.

4. Examine "Construction Focus Four: Struck-By Hazards".

Assessment Strategies

- 4.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 4.1. you identify and describe different types of struck-by hazards.
- 4.2. you identify how to protect yourself from struck-by hazards.

Learning Objectives

- 4.a. Identify major struck-by hazards.
- 4.b. Describe types of struck-by hazards.
- 4.c. Protect yourself from struck-by hazards.
- 4.d. Recognize employer requirements to protect workers from struck-by hazards.

5. Examine "Construction Focus Four: Caught-In or -Between Hazards".

Assessment Strategies

- 5.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 5.1. you identify and describe different types of caught-in or -between hazards.
- 5.2. you identify how to protect yourself from caught-in or -between hazards.

Learning Objectives

- 5.a. Identify major caught-in or -between hazards.
- 5.b. Describe types of caught-in or -between hazards.
- 5.c. Protect yourself from caught-in or -between hazards.
- 5.d. Recognize employer requirements to protect workers from caught-in or between hazards.

6. Examine "Materials Handling, Storage, Use, and Disposal".

Assessment Strategies

- 6.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 6.1. you identify appropriate ways to lift different materials.
- 6.2. you identify and interpret hazard classifications symbols.
- 6.3. you identify the correct PPE needed to handle hazardous materials.
- 6.4. you explain the correct procedures for receiving, storing, and using hazardous materials.

Learning Objectives

- 6.a. Identify ways to prevent bodily injury when performing manual lifting.
- 6.b. Interpret information contained on a SDS sheet.
- 6.c. Explain hazard classifications.
- 6.d. Interpret hazard classification symbols.
- 6.e. List the four steps of hazardous material evaluation.
- 6.f. Use a SDS sheet to identify whom to contact in the case of an incident.

7. Examine OSHA regulations relating to scaffolding.

Assessment Strategies

- 7.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 7.1. you correctly identify different types of scaffolding.
- 7.2. you explain the correct methods of erecting and disassembling scaffolding.
- 7.3. you list hazards associated with scaffolding use.
- 7.4. you identify employee and employer responsibilities related to scaffolding use.

Learning Objectives

- 7.a. Identify different types of scaffolding.
- 7.b. Explain the process of erecting and disassembling scaffolding.
- 7.c. Recognize the hazards associated with using scaffolding.
- 7.d. Explain employee and employer responsibilities related to scaffolding use.

8. Examine OSHA regulations relating to hand and power tools.

Assessment Strategies

8.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 8.1. you explain the proper use of different types hand and power tools.
- 8.2. you identify the hazards associated with using hand and power tools.
- 8.3. you identify the responsibilities of the employer and employee relating to hand and power tool use.
- 8.4. you explain the lockout-tagout procedure for power tools.

Learning Objectives

- 8.a. Identify different types and proper use of hand and power tools.
- 8.b. Recognize hazards associated with hand and power tools.
- 8.c. Explain employer and employee responsibilities relating to hand and power tool use.
- 8.d. Identify lockout-tagout procedures.

9. Examine OSHA regulations relating to stairways and ladders.

Assessment Strategies

9.1. Written Objective Test (score 70% or higher)

Criteria

You will know you are successful when

- 9.1. you explain the proper use of different types of stairways and ladders.
- 9.2. you identify the hazards associated with stairways and ladders.
- 9.3. you identify the responsibilities of the employer and employee relating to stairways and ladders.

Learning Objectives

- 9.a. Identify different types and proper use of stairways and ladders.
- 9.b. Recognize hazards associated with stairways and ladders.
- 9.c. Explain employer and employee responsibilities relating to stairways and ladders.