

# Washtenaw Community College Comprehensive Report

## TRL 162 Occupational Safety and Health Effective Term: Fall 2024

### Course Cover

**College:** Advanced Technologies and Public Service Careers

**Division:** Advanced Technologies and Public Service Careers

**Department:** United Association Department

**Discipline:** Trade Related Learning

**Course Number:** 162

**Org Number:** 28000

**Full Course Title:** Occupational Safety and Health

**Transcript Title:** Occupational Safety and Health

**Is Consultation with other department(s) required:** No

**Publish in the Following:**

**Reason for Submission:** New Course

**Change Information:**

**Rationale:** Existing course in UAT discipline to be taught in the TRL discipline.

**Proposed Start Semester:** Fall 2024

**Course Description:** In this course, students will identify the Occupational Safety and Health Administration (OSHA) 510 Standards and locate resources to supplement safety programs at their local Training Center. Topics include the application of the OSHA Construction Standards for safety and health with an emphasis on construction hazards. Students will define construction terms, identify hazards which occur in the construction industry as well as determine appropriate OSHA policies and procedures in a classroom and hands-on environment. Limited to approved union program participants.

### Course Credit Hours

**Variable hours:** No

**Credits:** 3

**Lecture Hours: Instructor:** 45 **Student:** 45

**The following Lab fields are not divisible by 15: Student Min, Instructor Min**

**Lab: Instructor:** 3 **Student:** 3

**Clinical: Instructor:** 0 **Student:** 0

**Total Contact Hours: Instructor:** 48 **Student:** 48

**Repeatable for Credit:** NO

**Grading Methods:** Letter Grades

Audit

**Are lectures, labs, or clinicals offered as separate sections?:** NO (same sections)

### College-Level Reading and Writing

College-level Reading & Writing

### College-Level Math

### Requisites

### General Education

Degree Attributes

Below College Level Pre-Reqs

## **Request Course Transfer**

**Proposed For:**

## **Student Learning Outcomes**

1. Identify terms, mission, organization, and codification of OSHA policies and standards.

### **Assessment 1**

Assessment Tool: Outcome-related written exam questions

Assessment Date: Fall 2024

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher

Who will score and analyze the data: Roofers & Waterproofers Research and Education Joint Trust Fund (RWREJTF) Instructors

2. Identify programs and requirements in OSHA 29 CFR 1926 standards that protect construction workers from illnesses, injuries, physical danger, and health hazards.

### **Assessment 1**

Assessment Tool: Outcome-related written exam questions

Assessment Date: Fall 2024

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: RWREJTF Instructors

## **Course Objectives**

1. Explain the requirements and functions of OSHA in safety and health in the construction industry.
2. Complete different record-keeping documents for audit.
3. Review the procedure and penalties for non-compliance with OSHA regulations.
4. Discuss the organization and history of OSHA 29 CFR 1926.
5. Locate OSHA 29 CFR 1926 subparts by sections.
6. Discuss the following terminology as applied to OSHA standards: should, may, shall and will.
7. Discuss major sections of Occupational Safety and Health Act of 1970.
8. Explain the function and legal jurisdiction of OSHA.
9. Describe employer and worker rights and responsibilities.
10. Identify subparts within the Title 29 Labor of OSHA standards.
11. Identify general industry standards to which construction standards apply.
12. Discuss the purpose, location, and importance of a regulation's preamble and how it applies to policy.
13. Discuss requirements under OSHA CFR 1926.20 and 1926.21 (General safety, health, education, and training.)
14. Describe elements of effective safety programs to use at the local Training Center.
15. Navigate online resources for safety activities that can be used at the local Training Center.

## **New Resources for Course**

## **Course Textbooks/Resources**

Textbooks

Manuals

OSHA. OSHA Certified Federal Register 1926, OSHA, 02-02-2023

Periodicals

Software

**Equipment/Facilities**

<b><u>Reviewer</u></b>	<b><u>Action</u></b>	<b><u>Date</u></b>
<b>Faculty Preparer:</b> <i>Tony Esposito</i>	<i>Faculty Preparer</i>	<i>Jan 12, 2024</i>
<b>Department Chair/Area Director:</b> <i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>Jan 23, 2024</i>
<b>Dean:</b> <i>Jimmie Baber</i>	<i>Recommend Approval</i>	<i>Jan 25, 2024</i>
<b>Curriculum Committee Chair:</b> <i>Randy Van Wagnen</i>	<i>Recommend Approval</i>	<i>May 17, 2024</i>
<b>Assessment Committee Chair:</b> <i>Jessica Hale</i>	<i>Recommend Approval</i>	<i>May 20, 2024</i>
<b>Vice President for Instruction:</b> <i>Brandon Tucker</i>	<i>Approve</i>	<i>May 30, 2024</i>