

Washtenaw Community College Comprehensive Report

TRL 162A OSHA 510 Occupational Safety and Health Effective Term: Spring/Summer 2025

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: 162A

Org Number: 28000

Full Course Title: OSHA 510 Occupational Safety and Health

Transcript Title: OSHA 510

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: New Course

Change Information:

Rationale: Revised Skill Trade Course TRL162 with reduced hours and objectives to continue to meet OSHA requirements.

Proposed Start Semester: Spring/Summer 2025

Course Description: In this course, students will identify the Occupational Safety and Health Administration (OSHA) 510 Standards for the Construction Industry 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 common construction hazards which occur in the construction industry, as well as determine the appropriate corresponding OSHA policies and procedures in a classroom and hands-on environment. This course meets the minimum requirements of OSHA. Limited to approved union program participants.

Course Credit Hours

Variable hours: No

Credits: 1.5

The following Lecture Hour fields are not divisible by 15: Student Min ,Instructor Min

Lecture Hours: Instructor: 22.5 Student: 22.5

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

Lab: Instructor: 1.5 Student: 1.5

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 24 Student: 24

Repeatable for Credit: NO

Grading Methods: Letter Grades

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

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Identify the mission, organization, and codification of OSHA policies and standards as well as essential terminology.

Assessment 1

Assessment Tool: Outcome-related exam questions

Assessment Date: Spring/Summer 2025

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: Skilled Trades 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 exam questions

Assessment Date: Spring/Summer 2025

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: Skilled Trades Instructors

Course Objectives

1. Explain the requirements and functions of OSHA in safety and health in the construction industry.
2. Review the procedures and penalties for non-compliance with OSHA regulations.
3. Discuss the organization and history of OSHA 29 CFR 1926.
4. Discuss and define terminology as applied to OSHA standards, including should, may, shall and will.
5. Discuss major sections of the Occupational Safety and Health Act of 1970.
6. Explain the function and legal jurisdiction of OSHA.
7. Describe employer and worker rights and responsibilities.
8. Identify subparts within the Title 29 Labor of OSHA standards.
9. Identify general industry standards to which construction standards apply.
10. Navigate OSHA 29 CFR 1926 subparts by sections.
11. Describe requirements under OSHA CFR 1926.20 and 1926.21 (General safety, health, education, and training).

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Tony Esposito</i>	<i>Faculty Preparer</i>	<i>Jan 14, 2025</i>
Department Chair/Area Director: <i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>Jan 15, 2025</i>
Dean: <i>Eva Samulski</i>	<i>Recommend Approval</i>	<i>Jan 17, 2025</i>
Curriculum Committee Chair: <i>Randy Van Wagnen</i>	<i>Recommend Approval</i>	<i>Jun 04, 2025</i>
Assessment Committee Chair: <i>Jessica Hale</i>	<i>Recommend Approval</i>	<i>Jun 09, 2025</i>
Vice President for Instruction: <i>Brandon Tucker</i>	<i>Approve</i>	<i>Jun 10, 2025</i>