

Washtenaw Community College Comprehensive Report

UAT 123 Fall Protection (UA 2158) Effective Term: Spring/Summer 2019

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: United Association Department

Discipline: United Association Training

Course Number: 123

Org Number: 28200

Full Course Title: Fall Protection (UA 2158)

Transcript Title: Fall Protection (UA 2158)

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog

Reason for Submission: New Course

Change Information:

Rationale: New United Association course

Proposed Start Semester: Spring/Summer 2019

Course Description: In this course, students will review the OSHA (Occupational Safety and Health Administration) policies regarding fall protection by focusing on ANSI Z359.2 and USACE EM-385.1-1 standards. This course focuses on workers' safety while working at heights and the systems used to protect workers from falls. The student will obtain instructional materials to conduct the EM 385 Competent Person and Authorized Person courses. Upon successful completion of the course, the student will receive a certification of OSHA 3115 Fall Protection course and meet or exceed ANSI and USACE requirements as a Competent Person and Competent Person Trainer. Limited to United Association 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

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 fall hazards and calculate free-fall distances.

Assessment 1

Assessment Tool: Written Exam

Assessment Date: Spring/Summer 2019

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 100%

Who will score and analyze the data: UA Training Coordinator

2. Select and inspect fall protection equipment.

Assessment 1

Assessment Tool: Skills Demonstration

Assessment Date: Spring/Summer 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Skills Demonstration Checklist

Standard of success to be used for this assessment: 80% of the students will score 100%

Who will score and analyze the data: UA Training Coordinator

3. Identify OSHA, OSHA 3115, EM385 and ANSI Standards for Fall Protection and Competent Person.

Assessment 1

Assessment Tool: Written Exam

Assessment Date: Spring/Summer 2019

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 100%

Who will score and analyze the data: UA Training Coordinator

4. Create Fall Protection and Competent Person plan for job site.

Assessment 1

Assessment Tool: Skills Demonstration

Assessment Date: Spring/Summer 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Skills Demonstration Checklist

Standard of success to be used for this assessment: 80% of the students will score 100%

Who will score and analyze the data: UA Training Coordinator

Course Objectives

1. Recognize and identify fall hazards of a jobsite.

2. Discuss the hierarchy and policy of OSHA fall protection.
3. Identify different types of fall protection systems (passive, active).
4. Calculate free-fall distance.
5. Define and describe the duties of a Competent Person.
6. Identify, select, inspect, and maintain proper fall protection equipment.
7. Identify limitations of vertical, horizontal and self-retracting lifelines as well as compatibility issues.
8. Compare and contrast standards for fall protection for various instances and locations.
9. Compare and apply EM 385 1-1 Fall Protection Requirements to ANSI 359, 1910 and 1926 standards.
10. Identify methods used for rescue operations for various locations including confined spaces.
11. Discuss the main components of a fall protection program.
12. List procedures for a fall protection plan to be used for a construction jobsite, including competent person and safety checklist.

New Resources for Course

Course Textbooks/Resources

Textbooks

United States Corps of Engineers. ? *U.S. Army Corps of Engineers Fall Protection Guide Book* , ed. United States Government , 2008

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>Dec 13, 2018</i>
Department Chair/Area Director: <i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>Jan 03, 2019</i>
Dean: <i>Brandon Tucker</i>	<i>Recommend Approval</i>	<i>Jan 16, 2019</i>
Curriculum Committee Chair: <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Mar 06, 2019</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Mar 06, 2019</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Mar 13, 2019</i>