Washtenaw Community College Comprehensive Report

UAT 178 Viking Foam Fire Protection System Training (UA 7002)
Effective Term: Fall 2020

Course Cover

Division: Advanced Technologies and Public Service Careers
Department: United Association Department
Discipline: United Association Training
Course Number: 178
Org Number: 28200
Full Course Title: Viking Foam Fire Protection System Training (UA 7002)
Transcript Title: Viking Foam Fire Protec (7002)
Is Consultation with other department(s) required: No
Publish in the Following:
Reason for Submission: New Course
Change Information:
Rationale: New United Association course.
Proposed Start Semester: Fall 2020
Course Description: In this course, students will be introduced to the components and operation of Viking Foam Fire Protection Systems and is intended for students who want to add this training to their local Training Centers. This hands-on course will cover installation requirements for Viking foam systems along with proper operation and setup. Students will perform inspections and tests to better understand how to troubleshoot, repair and maintain Viking Foam protection systems. 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 Viking Valves components and their operations.
   Assessment 1
   Assessment Tool: Demonstration
   Assessment Date: Fall 2020
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All
   Number students to be assessed: All
   How the assessment will be scored: Observational checklist
   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: U.A. Instructors

2. Describe how a foam system operates and where it is installed.
   Assessment 1
   Assessment Tool: Group discussion activity
   Assessment Date: Fall 2020
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All
   Number students to be assessed: All
   How the assessment will be scored: Observational checklist
   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: U.A. Instructors

3. Demonstrate system installation, system maintenance, inspection and troubleshooting techniques for different foam systems.
   Assessment 1
   Assessment Tool: Demonstration
   Assessment Date: Fall 2020
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All
   Number students to be assessed: All
   How the assessment will be scored: Observational checklist
   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: U.A. Instructors

Course Objectives

1. Identify the components of Viking Valves.
2. Review operation and types of fire protection systems available in the industry today.
3. Discuss the operation of Viking Valves.
4. Discuss locations and limitations of foam fire protection systems.
5. Recognize the safety procedures, precautions, and personal protection equipment (PPE), involved in the operation of foam fire protection systems.
6. Discuss and demonstrate the process of filling a Viking Foam Tank system.
7. Identify and demonstrate testing procedures for foam fire sprinkler systems.
8. Discuss and demonstrate troubleshooting techniques involved in foam systems.

9. Identify and demonstrate inspection procedures for fire safety according to manufacturers' recommendations.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Reviewer	Action	Date
Faculty Preparer:		
Tony Esposito	*Faculty Preparer*	*Apr 13, 2020*
Department Chair/Area Director:		
Marilyn Donham	*Recommend Approval*	*Apr 16, 2020*
Dean:		
Jimmie Baber	*Recommend Approval*	*Apr 21, 2020*
Curriculum Committee Chair:		
Lisa Veasey	*Recommend Approval*	*Jun 09, 2020*
Assessment Committee Chair:		
Shawn Deron	*Recommend Approval*	*Jun 16, 2020*
Vice President for Instruction:		
Kimberly Hurns	*Approve*	*Jun 17, 2020*