

Washtenaw Community College Comprehensive Report

UAT 268 Technical Classes for Sprinkler Fitters Effective Term: Spring/Summer 2016

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: United Association Department

Discipline: United Association Training

Course Number: 268

Org Number: 28200

Full Course Title: Technical Classes for Sprinkler Fitters

Transcript Title: Tech Class for Sprinkler Fitter

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Web Page

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Course description

Credit hours

Total Contact Hours

Outcomes/Assessment

Objectives/Evaluation

Rationale: Change credit hours, contact hours, assessment date and text.

Proposed Start Semester: Fall 2015

Course Description: In this course, students will learn to teach the mechanics, protocols and proper techniques of sprinkler fitting and the adaptation of various codes and product changes in the fire sprinkler industry. Topics include teaching about fire sprinkler alarms, fire sprinkler spray patterns, sprinkler inspections, lift training, technical changes to NFPA and water mist. Students must have prior experience with sprinkler fitting before enrolling in this course. Limited to United Association program participants.

Course Credit Hours

Variable hours: No

Credits: 1

Lecture Hours: Instructor: 15 Student: 15

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

Lab: Instructor: 5 Student: 5

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 20 Student: 20

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. Explain the central concepts and skills of new technology in sprinkler fitting to apprentices and journey-people.

Assessment 1

Assessment Tool: Teaching demonstration

Assessment Date: Fall 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: 75% of all students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% will score 11 or higher out of 16.

Who will score and analyze the data: UAT faculty

2. Demonstrate maintenance and repair procedures related to new technology in sprinkler fitting to apprentices and journey-people.

Assessment 1

Assessment Tool: Teaching demonstration

Assessment Date: Fall 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: 75% of all students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% will score 11 or higher out of 16.

Who will score and analyze the data: UAT faculty

3. Teach apprentices and journey-people new technology in sprinkler fitting using approved industry and UA course/training materials.

Assessment 1

Assessment Tool: Teaching demonstration

Assessment Date: Fall 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: 75% of all students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% will score 11 or higher out of 16.

Who will score and analyze the data: UAT faculty

Course Objectives

1. Identify issues affecting the fire sprinkler industry.
2. Recognize patterns and trends in the fire sprinkler industry.
3. Integrate knowledge and skills to better understand current issues and trends.
4. Demonstrate competencies in adapting to new codes and products.
5. Demonstrate appropriate use and knowledge of course materials.

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>Justin Carter</i>	<i>Faculty Preparer</i>	<i>Jun 25, 2015</i>
Department Chair/Area Director: <i>Scott Klapper</i>	<i>Recommend Approval</i>	<i>Jul 02, 2015</i>
Dean: <i>Brandon Tucker</i>	<i>Recommend Approval</i>	<i>Jul 07, 2015</i>
Curriculum Committee Chair: <i>Kelley Gottschang</i>	<i>Recommend Approval</i>	<i>Sep 29, 2015</i>
Assessment Committee Chair: <i>Michelle Garey</i>	<i>Recommend Approval</i>	<i>Sep 29, 2015</i>
Vice President for Instruction: <i>Michael Nealon</i>	<i>Approve</i>	<i>Oct 06, 2015</i>