

Washtenaw Community College Comprehensive Report

UAT 316 Administration of a United Association Weld Test (UA 8000) Effective Term: Spring/Summer 2018

Course Cover

Division: Advanced Technologies and Public Service Careers
Department: United Association Department
Discipline: United Association Training
Course Number: 316
Org Number: 28200
Full Course Title: Administration of a United Association Weld Test (UA 8000)
Transcript Title: Admin. of a UA Weld Test 8000
Is Consultation with other department(s) required: No
Publish in the Following: College Catalog , Web Page
Reason for Submission: New Course
Change Information:
Rationale: New UAT course
Proposed Start Semester: Spring/Summer 2018
Course Description: In this course, students will learn the rules and responsibilities of the United Association Welder Certification Program (WCP) to become an Authorized Training Representative (ATR). These duties include administration and documentation functions as well as determining the acceptability of weld test assemblies. Students will develop a course plan to teach these responsibilities at their local training facility. Limited to United Association program graduates.

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. Recognize and apply the content of the UA WCP Quality Service Manual for welder certification.

Assessment 1

Assessment Tool: Quiz

Assessment Date: Spring/Summer 2018

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: 90% of the students will score 100%

Who will score and analyze the data: U.A. training coordinator

2. Prepare and execute a lesson plan for the implementation of skills at student's local training facility.

Assessment 1

Assessment Tool: Teaching demonstration

Assessment Date: Spring/Summer 2018

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 90% of the students will scored 100%

Who will score and analyze the data: U.A. training coordinator

Course Objectives

1. Present for discussion the contents of the WCP QS Welding Manual as it applies to the workplace.
2. Review different certified welding procedures and the documentation need for specific workplaces.
3. Review, complete and discuss the UA-21, UA-60, and UA-72 test document packages.
4. Compare and contrast the qualification differences between the UA-15 and UA-41 certifications.
5. Retrieve relevant information from the UA Weld Test Document Packages, QSM Bookstore, and online materials.
6. Develop lesson plan of related material to implement at the student's local training facility.

New Resources for Course**Course Textbooks/Resources**

Textbooks

Manuals

NCPWB National Certified Pipe Welding Bureau. WCP Quality System Manual, NCPWB, 11-20-2011

Periodicals

Software

Equipment/Facilities**Reviewer****Action****Date**

Faculty Preparer:

Tony Esposito

Faculty Preparer

Dec 01, 2017

Department Chair/Area Director:

<i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>Jan 03, 2018</i>
Dean:		
<i>Brandon Tucker</i>	<i>Recommend Approval</i>	<i>Jan 08, 2018</i>
Curriculum Committee Chair:		
<i>David Wooten</i>	<i>Recommend Approval</i>	<i>Apr 16, 2018</i>
Assessment Committee Chair:		
<i>Michelle Garey</i>	<i>Recommend Approval</i>	<i>Mar 28, 2018</i>
Vice President for Instruction:		
<i>Kimberly Hurns</i>	<i>Approve</i>	<i>Apr 19, 2018</i>