

Washtenaw Community College Comprehensive Report

UAT 316 Administration of a United Association Weld Test Facility (UA 8000) Effective Term: Fall 2020

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 Facility (UA 8000)
Transcript Title: Admin UA Weld Test Facil 8000
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 title

Course description

Outcomes/Assessment

Objectives/Evaluation

Rationale: Updating United Association course

Proposed Start Semester: Fall 2020

Course Description: In this course, students will identify 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 for instruction at their local Training Center. The title of this course was previously Administration of a United Association Weld Test (UA 8000). Limited to United Association Instructor Training 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. Prepare and present a lesson plan for use at the student's local Training Facility.

Assessment 1

Assessment Tool: Presentation

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. Identify and describe the requirements for an Authorized Testing Facility (ATF) in compliance with the UA WCP.

Assessment 1

Assessment Tool: Outcome-related written exam questions

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: 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: U.A. instructors

3. Describe and demonstrate the process of administering a weld test session in accordance with the UA WCP Manual.

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. Present and discuss the contents of the WCP Quality Standard (QS) Welding Manual as it applies to the workplace.
2. Review different certified welding procedures and the documentation needed for specific workplaces.

3. Review, complete and discuss the UA-21, UA-60, and UA-72 test document packages.
4. Develop a lesson plan of related material to implement at the student's local training facility.
5. Locate and navigate uanet.org and other resources for UA welding certifications documentation.
6. Discuss UA welding certification requirements.
7. Discuss and describe the administrative responsibilities for UA welding certifications.
8. Discuss the administrative requirements for an Authorized Training Representative.
9. Discuss the physical space and equipment needed for a Certified Welding Testing Facility.
10. Discuss and describe the safety requirements including personal protection equipment (PPE) for testing.
11. Discuss the operational requirements for a certified weld test session, including documentation.

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

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Tony Esposito</i>	<i>Faculty Preparer</i>	<i>Jun 03, 2020</i>
Department Chair/Area Director: <i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>Jun 05, 2020</i>
Dean: <i>Jimmie Baber</i>	<i>Recommend Approval</i>	<i>Jun 09, 2020</i>
Curriculum Committee Chair: <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Sep 25, 2020</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Sep 30, 2020</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Oct 06, 2020</i>