Washtenaw Community College Comprehensive Report

UAT 133 AWS-CWI Preview (UA 8041)
Effective Term: Spring/Summer 2019

Course Cover
Division: Advanced Technologies and Public Service Careers
Department: United Association Department
Discipline: United Association Training
Course Number: 133
Org Number: 28200
Full Course Title: AWS-CWI Preview (UA 8041)
Transcript Title: AWS-CWI Preview UA 8041
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 gain the information and skills required to successfully complete the application process for the AWS-CWI (American Welding Society-Certified Welding Instructor) credentials in accordance with the AWS QC1 standard. Students will also develop skills to prepare for the 60 hour United Association Prep Course and Exam. 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 and review AWS Code Book, tools, welding symbols, and procedures involved in the application process for the AWS-CWI Credentials.
   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. Document and complete the AWS-CWI application package including references and credentials.
   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. Identify AWS-QC1 requirements needed to become a Certified Welding Instructor.
2. Complete the CWI application packet, including credentials.
3. Navigate the API Standard 1104 21st edition Code Book.
4. Identify specifications and procedures of the AWS Part B Book.
5. Review, identify, and safely operate the tools required for the AWS-CWI exam.
6. Review the book, Fundamentals of Welding Symbols (General Knowledge).

New Resources for Course

Course Textbooks/Resources
Textbooks
   William Galvery & Frank Marlow . *Welding Essentials* , 2nd ed. Industrial Press, 2006
Manuals
Periodicals
Software

Equipment/Facilities

Reviewer	Action	Date
Faculty Preparer:		
Tony Esposito	*Faculty Preparer*	*Dec 13, 2018*
Department Chair/Area Director:		
Marilyn Donham	*Recommend Approval*	*Jan 03, 2019*

Dean:

Brandon Tucker   *Recommend Approval*   *Jan 16, 2019*

Curriculum Committee Chair:

Lisa Veasey   *Recommend Approval*   *Mar 19, 2019*

Assessment Committee Chair:

Shawn Deron   *Recommend Approval*   *Mar 28, 2019*

Vice President for Instruction:

Kimberly Hurns   *Approve*   *Apr 07, 2019*