Washtenaw Community College Comprehensive Report

UAT 302 Process Management for UA Technicians (UA 6003)
Effective Term: Spring/Summer 2019

Course Cover

Division: Advanced Technologies and Public Service Careers
Department: United Association Department
Discipline: United Association Training
Course Number: 302
Org Number: 28200
Full Course Title: Process Management for UA Technicians (UA 6003)
Transcript Title: Process Mgmt UA Tech 6003
Is Consultation with other department(s) required: No
Publish in the Following:
Reason for Submission: New Course
Change Information:
Rationale: New U.A. course for UAT
Proposed Start Semester: Spring/Summer 2018
Course Description: In this course, students will develop curriculum for their local training programs to prepare new apprentices for work in the service industry. Participants will focus on identifying safety concerns relevant to service work, such as arc flash and radio frequency exposures. This course will also present new technology including the use of mobile devices and related software. 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
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

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Develop instructional materials and trainers incorporating new technology in safety as well as the use of computer software.

   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 score 100%
   Who will score and analyze the data: UA training coordinator

2. Create lesson plans for teaching service industry work.

   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 score 100%
   Who will score and analyze the data: UA training coordinator

Course Objectives

1. Compare and contrast existing lesson plans of current programs from students' training facilities.
2. Define the role of journeyman as it pertains to the service industry.
3. Compare and contrast full-service maintenance contracts with other maintenance agreements as to what is meant by preventive maintenance.
4. Define energy and water audits and their relationship with maintenance contracts.
5. Review safety concerns relevant to the service industry and necessary precautions.
6. Create a lesson plan to incorporate new technology, including applications and software, that can be used to assist the journeyman on the job.
7. Demonstrate trainers that can be assembled and used as hands-on projects in the classroom.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Reviewer	Action	Date
Faculty Preparer:		
Tony Esposito	*Faculty Preparer*	*Feb 14, 2018*
Department Chair/Area Director:		
Marilyn Donham	*Recommend Approval*	*Apr 04, 2018*
Dean:		
Brandon Tucker	*Recommend Approval*	*Apr 05, 2018*
Curriculum Committee Chair:		
Lisa Veasey	*Recommend Approval*	*Aug 01, 2018*
Assessment Committee Chair:		

Shawn Deron   *Recommend Approval*   *Aug 06, 2018*

Vice President for Instruction:

Kimberly Hurns   *Approve*   *Aug 16, 2018*