WASHTENAW COMMUNITY COLLEGE

Course Discipline Code & No: __UAP100__   Title: __Introduction to Plumbing Practices__   Effective Term SS 2009

Division Code: ___VCT___   Department Code: _____UA__   Org #: __28310__

Don't publish: ☐College Catalog   ☒Time Schedule   ☐Web Page

Reason for Submission. Check all that apply.
☒New course approval
☐Three-year syllabus review/Assessment report
☐Course change

☐Reactivation of inactive course
☐Inactivation (Submit this page only.)

Change information: Note all changes that are being made. Form applies only to changes noted.

☐Consultation with all departments affected by this course is required.
☐Course discipline code & number (was _____)*
  *Must submit inactivation form for previous course.
☐Course title (was _____)
☐Course description
☐Course objectives (minor changes)
☐Credit hours (credits were: _____)

☐Total Contact Hours (total contact hours were: _____)
☐Distribution of contact hours (contact hours were: lecture: _____ lab _____ clinical _____ other ____)
☐Pre-requisite, co-requisite, or enrollment restrictions
☐Change in Grading Method
☐Outcomes/Assessment
☐Objectives/Evaluation
☐Other _____

Rationale for course or course change. Attach course assessment report for existing courses that are being changed.

Approvals Department and divisional signatures indicate that all departments affected by the course have been consulted.

Department Review by Chairperson   ☐ New resources needed   ☐ All relevant departments consulted

Print: __Dan Welch__   Signature __D. Welch__   Date: 2/2/09
    Faculty/Preparer

Print: _____   Signature _____   Date: _____
    Department Chair

Division Review by Dean
☐ Request for conditional approval

Recommendation ☐ Yes ☐ No   __D. Welch__   2/2/09
    Dean's/Administrator's Signature   Date

Curriculum Committee Review
Recommendation
☐ Tabled   ☒ Yes ☐ No   __Lisa Veasey__   3/18/09
    Curriculum Committee Chair's Signature   Date

Vice President for Instruction Approval
    __Roger M. Palay__   3/19/09
    Vice President's Signature   Date

Approval ☒ Yes ☐ No ☐ Conditional

MASTER SYLLABUS

*Complete ALL sections which apply to the course, even if changes are not being made.

Course: UAP100	Course title: Introduction to Plumbing Practices

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Credit hours: 3

If variable credit, give range:

_____ _ to _____ credits

Contact hours per semester:

	Student	Instructor
Lecture:	45	45
Lab:	——	——
Clinical:	——	——
Practicum:	——	——
Other:	——	——
Totals:	45	45

Are lectures, labs, or clinicals offered as separate sections?

☐ Yes - lectures, labs, or clinicals are offered in separate sections

☐ No - lectures, labs, or clinicals are offered in the same section

Grading options:

☐ P/NP (limited to clinical & practica)

☐ S/U (for courses numbered below 100)

☒ Letter grades

Prerequisites. Select one:

☒ College-level Reading & Writing   ☐ Reduced Reading/Writing Scores   ☐ No Basic Skills Prerequisite

(Add information at Level I prerequisite)   (College-level Reading and Writing is not required.)

In addition to Basic Skills in Reading/Writing:

Level I (enforced in Banner)

	Course	Grade	Test	Min. Score	Concurrent Enrollment Can be taken together)	Corequisites Must be enrolled in this class also during the same semester)
	____	__	____	___	☐	____
☐ and ☐ or	____	__	____	___	☐	____
☐ and ☐ or	____	__	____	___	☐	____
☐ and ☐ or	____	__	____	___	☐	____

Level II (enforced by instructor on first day of class)

	Course	Grade	Test	Min. Score
☐ and ☐ or	____	__	____	___
☐ and ☐ or	____	__	____	___

Enrollment restrictions (In addition to prerequisites, if applicable.)

☐ and ☐ or Consent required   ☐ and ☒ or Admission to program required   ☐ and ☐ or Other (please specify):

Program: UA apprenticeship   ____

Please send syllabus for transfer evaluation to:

Conditionally approved courses are not sent for evaluation.

Insert course number and title you wish the course to transfer as.

☐ E.M.U. as _____   ☐ _____ as _____

☐ U of M as _____   ☐ _____ as _____

☐ _____ as _____   ☐ _____ as _____

Course UAP100	Course title Introduction to Plumbing Practices

Course description State the purpose and content of the course. Please limit to 500 characters.	This course is the introduction to plumbing for new apprentices. Course topics include the heritage program, use and care of tools, pipe, fittings, valves, supports and fasteners, job safety and health and soldering and brazing. Related safety is covered in all topics. Limited to United Association Students.

Course outcomes List skills and knowledge students will have after taking the course. Assessment method Indicate how student achievement in each outcome will be assessed to determine student achievement for purposes of course improvement.	**Outcomes** (applicable in all sections) Upon successful completion of this course, the student will be able to: • Explain the history of the plumbing/pipe fitting Industry • Identify key people and events that shaped the Industry • Describe the current state of the Industry • Demonstrate how the future of the industry may be shaped • Explain the use of industry tools • Identify the proper tool for the application • Demonstrate the safe use of tools • Describe the proper use of various tools	**Assessment** Methods for determining course effectiveness This course is assessed externally by the local's Joint Apprenticeship Training Committee (JATC), consisting of industry representatives and UA members. The local receives feedback on needed technical updates and apprentice skill performance.
Course Objectives Indicate the objectives that support the course outcomes given above. Course Evaluations Indicate how instructors will determine the degree to which each objective is met for each student.	**Objectives** (applicable in all sections) Objectives and evaluation methods follow the International Pipe Trades Curriculum Outline issued by the UA Training Department.	**Evaluation** Methods for determining level of student performance of objectives

List all new resources needed for course, including library materials. No new resources, courses are taught at existing UA local training schools.

Student Materials:

List examples of types Texts Supplemental reading Supplies Uniforms Equipment Tools Software	UA local training schools provide all the necessary books and materials for the students.	Estimated costs $ 0

MASTER SYLLABUS

Equipment/Facilities: Check all that apply. (All classrooms have overhead projectors and permanent screens.)

Check level <u>only</u> if the specified equipment is needed for <u>all</u> sections of a course. ☐ Level I classroom 　Permanent screen & overhead projector ☐ Level II classroom 　Level I equipment plus TV/VCR ☐ Level III classroom 　Level II equipment plus data projector, computer, faculty workstation	☐ Off-Campus Sites ☐ Testing Center ☐ Computer workstations/lab ☐ ITV ☐ TV/VCR ☐ Data projector/computer ☒ Other <u>Taught at UA Local schools</u>

Assessment plan:

Learning outcomes to be assessed (list from Page 3)	Assessment tool	When assessment will take place (semester & year)	Course section(s)/other population	Number students to be assessed
• Explain the history of the plumbing/pipe fitting Industry • Identify key people and events that shaped the Industry • Describe the current state of the Industry • Demonstrate how the future of the industry may be shaped • Explain the use of industry tools • Identify the proper tool for the application • Demonstrate the safe use of tools • Describe the proper use of various tools	Contractors (employer) provide paper feedback forms for apprentice skill performance reviews. JATC contractor members provide specifications detailing technical updates.	Winter 2011 and every three years thereafter	All	All

Scoring and analysis of assessment:

1. Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally developed rubric, external evaluation, other). Attach the rubric/scoring guide.

    Individual locals use apprentice feedback forms filled out by the employing contractor.

2. Indicate the standard of success to be used for this assessment.

    The standard of success is set by the local JATC.

3. Indicate who will score and analyze the data (data must be blind-scored).

    The data is analyzed by the JATC as a committee.

4. Explain the process for using assessment data to improve the course.

    Results are initially shared with the training coordinator for the local. The training coordinator then works with appropriate instructor staff to make needed changes.