Course Discipline Code & No: UAT252   Title: Introduction to Computer Aided Drafting

Effective Term SS08

Division Code: ___VCT___   Department Code: ___UASD___   Org #: __28200__

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.

This is an existing course from the United Association Instructor Training Program that is offered through the UA Regional Training System throughout the year. This proposal is to change the current UA course number "452" to "UAT252" to reflect the new WCC identifier for the course. Also, this new identifier will be used on student registration forms and course calendars.

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: _____   Signature _____   Date: _____
　　　　　Faculty/Preparer

Print: _____   Signature _____   Date: _____
　　　　　Department Chair

Division Review by Dean

☐ Request for conditional approval

Recommendation ☐ Yes ☐ No   _____   _____
　　　　　　　　　　　　　　　Dean's/Administrator's Signature   Date

Curriculum Committee Review

Recommendation _____

☐ Tabled   ☒ Yes ☐ No _____   1/29/08
　　　　　　　　　　　　Curriculum Committee Chair's Signature   Date

Vice President for Instruction Approval

_____   1/30/08
Vice President's Signature   Date

Approval ☒Yes ☐ No ☐ Conditional

Do not write in shaded area.

Log File _____ Ecopy ☐   Banner _2/18_ C&A Database _2/18_ C&A Log File _2/18_ Basic skills ☐ Contact fee ☐

Please return completed form to the Office of Curriculum & Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Office of Curriculum & Assessment   http://www.wccnet.edu/departments/curriculum/

Updated 12/11/07

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

Course:	Course title:
UAT252	Introduction to Computer Aided Drafting

Credit hours: 3

If variable credit, give range:

_____ to _____ credits

Contact hours per semester:

	Student	Instructor
Lecture:	_45_	___
Lab:	___	___
Clinical:	___	___
Practicum:	___	___
Other:	___	___
Totals:	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
(Add information at Level I prerequisite)

☒ No Basic Skills 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 a lso 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
Program: _____

☐ and ☐ or Other (please specify):
_____

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 _____

☐ U of M as _____

☐ _____ as _____

☐ _____ as _____

☐ _____ as _____

☐ _____ as _____

Course	Course title
UAT252	Introduction to Computer Aided Drafting

Course description	This course is designed as an introduction to computer aided drafting (CAD) and the CAD environment. Emphasis is placed upon the fundamentals of CAD software and the creation of two-dimensional CAD piping drawings. AutoCAD drafting software and Windows 2000 or Windows XP operating systems are utilized. It is suggested that each student bring a USB thumb drive to use with this course. Limited to United Association program participants.
State the purpose and content of the course. Please limit to 500 characters.	

Course outcomes	Outcomes	Assessment
List skills and knowledge students will have after taking the course.	(applicable in all sections)	Methods for determining course effectiveness
	1) Explain to apprentices and journey-people the central concepts and skills of computer aided drafting.	Survey of UA training coordinators/supervisors.
Assessment method		
Indicate how student achievement in each outcome will be assessed to determine student achievement for purposes of course improvement.	2) Utilize approved industry and UA course/training materials when using computer aided drafting.	Survey of UA training coordinators/supervisors.

Course Objectives	Objectives	Evaluation
Indicate the objectives that support the course outcomes given above.	(applicable in all sections)	Methods for determining level of student performance of objectives
	Outcome 1:	
Course Evaluations	- Identify different components and aspects of a CAD workstation and their functions.	Exam consisting of multiple choice, true/false, fill in the blank, and short answer questions.
Indicate how instructors will determine the degree to which each objective is met for each student.	- Identify various CAD software and basic CAD theories.	Exam consisting of multiple choice, true/false, fill in the blank, and short answer questions.
	Outcome 2:	
	- Demonstrate appropriate use and knowledge of course materials.	Presentation and demonstration of learned course materials.

List all new resources needed for course, including library materials.

Student Materials:

List examples of types	All course materials will be provided.	Estimated costs
Texts Supplemental reading Supplies Uniforms Equipment Tools Software		$

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	☐ Off-Campus Sites
	☐ Testing Center
	☐ Computer workstations/lab
☐ Level II classroom 　Level I equipment plus TV/VCR	☐ ITV
	☐ TV/VCR
☒ Level III classroom 　Level II equipment plus data projector, computer, faculty workstation	☐ Data projector/computer
	☐ Other _____

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 to apprentices and journey-people the central concepts and skills of computer aided drafting.	Survey of UA training coordinators/supervisors.	Spring 2009 for students enrolled in Summer 2008, and every three years thereafter.	All	75% of all students through random sampling who teach the topic the subsequent year, and minimum of 20 students.
Utilize approved industry and UA course/training materials about computer aided drafting.	Survey of UA training coordinators/supervisors.	Spring 2009 for students enrolled in Summer 2008, and every three years thereafter.	All	75% of all students through random sampling who teach the topic the subsequent year, and minimum of 20 students.

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.

   Students' training activities will be scored and evaluated on the survey questionnaires (see attached) of each of the three learning outcomes.

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

    Based on the number of students who teach the learned materials in the subsequent year, 75% of them will score an average of satisfactorily or above on the survey questionnaires to be completed by UA training coordinators/supervisors.

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

    The UA Program Administrator will coordinate with UA training coordinators and the training department about the implementation of the assessment plan and the collection of data from UAT faculty, and will discuss the results with UAT faculty.

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

    The assessment will be shared with the appropriate UA training coordinators, training department, and UAT faculty. The UA Program Administrator will solicit suggestions for improving the results and will work with UA training coordinators, the training department, and UAT faculty to make needed changes to improve course content and student performance.