

Washtenaw Community College Comprehensive Report

UAT 111A Principles of Learning in Trade

Effective Term: Spring/Summer 2025

Course Cover

College: Advanced Technologies and Public Service Careers

Division: Advanced Technologies and Public Service Careers

Department: United Association Department (UAT Only)

Discipline: United Association Training

Course Number: 111A

Org Number: 14710

Full Course Title: Principles of Learning in Trade

Transcript Title: Principles of Learning in Trad

Is Consultation with other department(s) required: No

Publish in the Following: Web Page

Reason for Submission: Inactivation

Change Information:

Consultation with all departments affected by this course is required.

Rationale: Outdated course that has since been updated with new course title and UAT number.

Proposed Start Semester: Winter 2025

Course Description: After an examination of learning theory and the principles of learning, students examine the elements of trade teaching for the purpose of developing teaching strategies and techniques that can be incorporated into his/her personal teaching style. Topics include definitions of kinds of learning, implications for readiness, transfer, retention, and motivation. Trade teaching topics to be covered include goals of trade education, nature of content, trade teaching process, and managing the learning environment.

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**Prerequisite**

Admission to Industrial Training program

General Education**Degree Attributes**

Below College Level Pre-Reqs

Request Course Transfer**Proposed For:****Student Learning Outcomes****Course Objectives**

1. Principles of learning: -Definition: nature and effects -Kinds of learning -Implications of readiness - Drive -Reinforcement -Exercise -Habit -Reinforcement -Exercise -Habit -Transfer of learning - Retention -Motivation
2. Elements of trade learning: -Goal of trade education -Nature of subject matter taught (skills, information and attitude) -Proess of trade teaching (establishing lesson goals, preparing to teach, presenting new content, evaluation of learning and evaluation of teaching) -Managing the learning environment (role of the trade teacher and characteristics of an effective trade teacher)

New Resources for Course**Course Textbooks/Resources**

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities**Reviewer****Action****Date****Faculty Preparer:***Tony Esposito**Faculty Preparer**Nov 01, 2024***Department Chair/Area Director:***Marilyn Donham**Recommend Approval**Nov 04, 2024***Dean:***Eva Samulski**Recommend Approval**Nov 06, 2024***Curriculum Committee Chair:***Randy Van Wagnen**Reviewed**Jan 11, 2025***Assessment Committee Chair:****Vice President for Instruction:***Brandon Tucker**Approve**Jan 13, 2025*

**WASHTENAW COMMUNITY COLLEGE
COURSE-SYLLABUS APPROVAL FORM (CSAF)**

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SECTION I COURSE SUBMISSION INFORMATION

1. **Course:** (Enter proposed discipline, number & title here. If changing the number or title of an existing course, give old number or title in box 4 below.)
Discipline/No: UAT 111A **Title:** Principles of Learning in Trade Teaching
Division Code: TEC **Department Code:** UAT **Effective Term:** W01 Do not publish in Time Schedule
 Do not publish in College Catalog

2. **Type of Approval:** (applies to both new courses and changes)
 Full Approval
 Conditional Approval
 This proposal previously received conditional approval for the Term: _____

3. **Reason for Submission:** This Course is being submitted for: (check all that apply)
 New Course Approval (Skip the rest of Section I and go directly to Section II.)
 Five-year Syllabus Review No changes to course
 Major Change(s)
 Minor Change(s) (If not due for review, submit sections I, II, and revised parts of Section III.)
 Reactivation of Inactive Course
 Inactivation (Submit Sections I and II only.)

4. **Change Information:** (Check all that apply. Make proposed changes in Section III, Course Syllabus.)

<p>Minor Changes</p> <input type="checkbox"/> Course Discipline/Number (was _____) <input type="checkbox"/> Course Title (was _____) <input type="checkbox"/> Course Description <input type="checkbox"/> Capacity (was: _____) <input type="checkbox"/> Pre or Corequisites <input type="checkbox"/> Course Objectives <input type="checkbox"/> Distribution of Contact Hours (contact hours were: lect: _____ lab _____ clin _____ exp _____) <input type="checkbox"/> Distance Learning - minor (Attach Preliminary Approval Form for Distance Learning & the Section Handout.) <input type="checkbox"/> Other _____	<p>Major Changes (Major changes will be reviewed by Curriculum Committee.)</p> <input type="checkbox"/> Credit hours (credits were: _____) <input type="checkbox"/> Core Elements: (Elements to be added: _____) (Elements to be removed: _____) <input type="checkbox"/> Grading <input type="checkbox"/> Course Objectives affecting core elements <input type="checkbox"/> Total Contact Hours (total contact hours were: _____) <input type="checkbox"/> Honors (Attach Honors Section Approval Form.) <input type="checkbox"/> Distance Learning - major (Attach Preliminary Approval Form for Distance Learning & the Student Handout for the Distance Section.) <input type="checkbox"/> Other _____
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5. **Rationale for changes:**

SECTION II COURSE REVIEW INFORMATION AND SIGNATURES

1. **Department Review** (To be completed by department chair, if recommendation is no, initial and return to preparer with rationale attached.)

Will significant new resources be required? yes no (If yes, explain _____)
 Have departments that may be affected by this course been consulted? yes no (Explain _____)
 Does the department support approval of this course? yes no

Print: Patricia Crider Faculty/Preparer Signature: Patricia Crider Date: 2-21-01
 Print: _____ Department Chair Signature: Patricia Crider Date: 2-21-01

2. **Division Review** (To be completed by division dean, if recommendation is no, initial and return with rationale attached.)

Will significant new resources be required? yes no (If yes, have they been secured? yes no)
 Is this a curricular priority for your division? yes no (Comment _____)
 What is your estimate of projected enrollment? 20

Recommendation Yes No Robert R. Buttig Date: 2/21/01
 Division Dean's Signature

3. **Curriculum Committee Review** (Attach additional comments if necessary.)

Recommendation Yes No _____ Date _____
 Curriculum Committee Chair's Signature

4. **Vice President for Instruction and Student Services Approval** (Attach additional comments if necessary.)

Approval Yes No Mary Altman Date: 3/23/01
 Vice President's Signature

Log File: 6/4/01 AEN Code: 137 Catalog File Date: 6/4/01 Vice President's Office: 6/4/01
 Core Elements Approved: _____ New Syllabus Date: _____

DISTRIBUTED & FILED

JUN 21 2001

FEB 26 2001

MAR 21 2001

Received 10/24/2000

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SECTION III. COURSE SYLLABUS

For help screens, select a field and press F1.

A. COURSE DETAILS (discipline # and title will automatically be entered in 1 and 2 below upon saving or previewing)

1. Course Discipline & No.: <u>UAT 111A</u>		2. Course Title: <u>Principles of Learning Trade Teaching</u>	
3. Course Description: After an examination of learning theory and the principles of learning, the student(s) will examine the elements of trade teaching for the purpose of developing teaching strategies and techniques that can be incorporated into his/her personal teaching style. Topics include: Definitions of kinds of learning, implications for readiness, transfer, retention and motivation. Trade teaching topics to be covered include: Goals of trade education, nature of content, trade teaching process, and managing the learning environment.			
4. Credit Hours: <u>1.5</u> If Variable credit, Give Range: _____ to _____ If repeatable for credit, how many times? _____	5. Class Capacity: <u>70</u> (If nonstandard, attach Class Capacity Exception form.)	6. Course Options: <input type="checkbox"/> Distance learning (Attach preliminary distance approval form and Section Handout.) <input type="checkbox"/> Honors (Complete Part G.) <input type="checkbox"/> P/NP Grading (Attach rationale.)	
7. Contact Hours per Semester in: Lecture: <u>22.5</u> Lab: _____ Clinical: _____ Experiential: _____ Total Contact Hrs: _____	8. Prerequisite(s): <u>ITRN</u> <u>Admission to UAT Program</u>	9. Corequisite(s): (limit to 2) _____	
10. a. Course Purpose: <input checked="" type="checkbox"/> Program Specialty <input type="checkbox"/> Program Support <input type="checkbox"/> Nonprogram Specialty <input type="checkbox"/> Transfer <input type="checkbox"/> Enrichment <input type="checkbox"/> Basic Skills	b. Is this course a requirement for a program? <input checked="" type="checkbox"/> Yes (specify the program(s) below) <u>UAT</u> <input type="checkbox"/> No	c. Indicate schools to which you want Curriculum Services to send syllabus: (If transfer is approved, attach documentation.) <input type="checkbox"/> EMU <input type="checkbox"/> UM <input type="checkbox"/> Other _____	

B. MAJOR INSTRUCTIONAL UNITS A major instructional unit is a grouping of topics that naturally relate to one another. List in order the major instructional units. Add additional numbers as needed.

1. Principles of Learning
 - a. Definition
 - i. Nature
 - ii. Effects
 - b. Kinds of Learning
 - c. Implications of Readiness
 - d. Drive
 - e. Reinforcement
 - f. Exercise
 - g. Habit
 - h. Transfer of Learning
 - i. Retention
 - j. Motivation
2. Elements of Trade Teaching
 - a. Goal of Trade Education
 - b. Nature of Subject Matter Taught

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- i. Skills
- ii. Information
- iii. Attitude
- c. Process of Trade Teaching
 - i. Establishing lesson goals
 - ii. Preparing to teach
 - iii. Presenting new content
 - iv. Evaluation of learning
 - v. Evaluation of teaching
- d. Managing the Learning Environment
 - i. Role of the trade teacher
 - ii. Characteristics of an effective trade teacher

Title: Principles of Learning in Trade Teaching

Course Description: After an examination of learning theory and the principles of learning the student will examine the elements of trade teaching for the purpose of developing teaching strategies and techniques that can be incorporated into his/her personal teaching style. Topics include: Definitions of kinds of learning, Implications for readiness, transfer, retention and motivation. Trade teaching topics to be covered include: Goals of trade education, Nature of content, Trade teaching process, and managing the learning environment.

Outline:

- I. Principles of Learning
 - a. Definition
 - i. Nature
 - ii. Effects
 - b. Kinds of Learning
 - c. Implications of readiness
 - d. Drive
 - e. Reinforcement
 - f. Exercise
 - g. Habit
 - h. Transfer of Learning
 - i. Retention
 - j. Motivation
- II. Elements of Trade Teaching
 - a. Goal of Trade Education
 - b. Nature of subject Matter Taught
 - i. Skills
 - ii. Information
 - iii. Attitude
 - c. Process of Trade Teaching
 - i. Establishing lesson goals
 - ii. Preparing to teach
 - iii. Presenting new content
 - iv. Evaluation of learning
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 - d. Managing the Learning Environment
 - i. Role of the trade teacher
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