

Washtenaw Community College Comprehensive Report

IWT 101 Principles of Instruction and Instructional Planning Conditional Approval Effective Term: Fall 2011

Course Cover

Division: Vocational Technologies

Department: United Association Department

Discipline: Ironworker Instructor Training

Course Number: 101

Org Number: 28700

Full Course Title: Principles of Instruction and Instructional Planning

Transcript Title: Principles of Instruction

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Web Page

Reason for Submission: New Course

Change Information:

Rationale: This course is part of the Ironworker ITP.

Proposed Start Semester: Fall 2011

Course Description:

In this course, the participant is provided an opportunity to get up in front of the course participants and make a short presentation. Topics include introducing and summarizing a classroom presentation, presenting an interactive presentation, presenting a demonstration, and questioning and reinforcement techniques. Participants are also taught how to plan and conduct courses within the local union's curriculum. In addition, participants will learn how to develop a course syllabus, write learning objectives, plan for teaching in the classroom and shop components of a course, use Ironworker training packages, and use basic audio-visuals. Participants will also learn how to administer tests, record test results, complete a grade book, and determine if an apprentice has passed a course. Limited to Ironworker Instructor Training 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

Lab: Instructor: 0 Student: 0

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 22.5 Student: 22.5

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. Effectively present instructional lessons to apprentices in the home local.

Assessment 1

Assessment Tool: Survey of Ironworker training coordinators/supervisors.

Assessment Date: Fall 2012

Assessment Cycle: Every Two Years

Course section(s)/other population: All

Number students to be assessed: Random sampling of 50% of all students teaching related topics the subsequent year.

How the assessment will be scored: The student's training activities at the home local will be scored and evaluated on a survey questionnaire covering the learning outcomes.

Standard of success to be used for this assessment: Based on the number of students who teach the related material in the subsequent year, 75% will score an average of satisfactory or better.

Who will score and analyze the data: The UA Program Administrator will coordinate the collection of data with the Ironworker Training Department and will discuss the results with the Ironworker Training Department and IWT faculty.

2. Prepare essential course materials for teaching in the home local.

Assessment 1

Assessment Tool: Survey of Ironworker training coordinators/supervisors.

Assessment Date: Fall 2012

Assessment Cycle: Every Two Years

Course section(s)/other population: All

Number students to be assessed: Random sampling of 50% of all students teaching related topics the subsequent year.

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Who will score and analyze the data: The UA Program Administrator will coordinate the collection of data with the Ironworker Training Department and will discuss the results with the Ironworker Training Department and IWT faculty.

3. Complete related instructional duties while teaching in the home local.

Assessment 1

Assessment Tool: Survey of Ironworker training coordinators/supervisors.

Assessment Date: Fall 2012

Assessment Cycle: Every Two Years

Course section(s)/other population: All

Number students to be assessed: Random sampling of 50% of all students teaching related topics the subsequent year.

How the assessment will be scored: The student's training activities at the home local will be scored and evaluated on a survey questionnaire covering the learning

outcomes.

Standard of success to be used for this assessment: Based on the number of students who teach the related material in the subsequent year, 75% will score an average of satisfactory or better.

Who will score and analyze the data: The UA Program Administrator will coordinate the collection of data with the Ironworker Training Department and will discuss the results with the Ironworker Training Department and IWT faculty.

4. Effectively use the Ironworker training materials.

Assessment 1

Assessment Tool: Survey of Ironworker training coordinators/supervisors.

Assessment Date: Fall 2012

Assessment Cycle: Every Two Years

Course section(s)/other population: All

Number students to be assessed: Random sampling of 50% of all students teaching related topics the subsequent year.

How the assessment will be scored: The student's training activities at the home local will be scored and evaluated on a survey questionnaire covering the learning outcomes.

Standard of success to be used for this assessment: Based on the number of students who teach the related material in the subsequent year, 75% will score an average of satisfactory or better.

Who will score and analyze the data: The UA Program Administrator will coordinate the collection of data with the Ironworker Training Department and will discuss the results with the Ironworker Training Department and IWT faculty.

Course Objectives

1. Describe effective ways to introduce and summarize classroom presentations, including lectures, discussions, and demonstrations.

Methods of Evaluation

Matched Outcomes

1. Effectively present instructional lessons to apprentices in the home local.
2. Explain effective ways to enhance classroom learning, such as questioning and reinforcement techniques.

Methods of Evaluation

Matched Outcomes

1. Effectively present instructional lessons to apprentices in the home local.
3. Explain how to use audio-visuals, such as flip charts and computer projectors, in the classroom.

Methods of Evaluation

Matched Outcomes

1. Effectively present instructional lessons to apprentices in the home local.
4. Create course syllabi following all guidelines.

Methods of Evaluation

Matched Outcomes

2. Prepare essential course materials for teaching in the home local.

5. Write course objectives following all guidelines.

Methods of Evaluation

Matched Outcomes

2. Prepare essential course materials for teaching in the home local.

6. Outline plans for teaching classroom and lab components of a lesson.

Methods of Evaluation

Matched Outcomes

2. Prepare essential course materials for teaching in the home local.

7. Write tests.

Methods of Evaluation

Matched Outcomes

2. Prepare essential course materials for teaching in the home local.

8. Administer, grade, and record tests.

Methods of Evaluation

Matched Outcomes

3. Complete related instructional duties while teaching in the home local.

9. Create and maintain student grade books.

Methods of Evaluation

Matched Outcomes

3. Complete related instructional duties while teaching in the home local.

10. Describe ways to grade students and record their progress.

Methods of Evaluation

Matched Outcomes

3. Complete related instructional duties while teaching in the home local.

11. Reference Ironworker and vendor supplied manuals during instructional preparation activities.

Methods of Evaluation

Matched Outcomes

4. Effectively use the Ironworker training materials.

12. Apply Ironworker and vendor training material guidelines and concepts.

Methods of Evaluation

Matched Outcomes

4. Effectively use the Ironworker training materials.

New Resources for Course

All required materials will be provided by the Ironworker Training Department.

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom

Reviewer

Action

Date

Faculty Preparer:

Faculty Preparer

*May 05,
2011*

Department Chair/Area Director:

Daniel Welch

Recommend Approval

*May 05,
2011*

Dean: *Daniel Welch*

Recommend Approval

*May 05,
2011*

Vice President for Instruction: *Stuart*

Blacklaw

Conditional Approval

*May 06,
2011*