

Washtenaw Community College Comprehensive Report

IWT 205 Foreman Training for Ironworkers Conditional Approval Effective Term: Fall 2011

Course Cover

Division: Vocational Technologies

Department: United Association Department

Discipline: Ironworker Instructor Training

Course Number: 205

Org Number: 28700

Full Course Title: Foreman Training for Ironworkers

Transcript Title: Foreman Training

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:

This course is designed to develop skilled Ironworker foremen. During this course, the participants will learn the roles and responsibilities of the foreman. In addition, they will learn how to create an effective work team, communicate effectively, apply problem-solving skills, document and maintain records, maintain labor-management relations, plan and schedule work, implement a safety program, and ensure the quality of work. 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. Teach supervisory and human relations skills and techniques required by the Ironworker foreman.

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. Teach management skills and techniques required by the Ironworker foreman.

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Assessment Tool: Survey of Ironworker training coordinators/supervisors.

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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. Deliver safety related lecture material.

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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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 Ironworker and other supplied materials.

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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.

Course Objectives

1. Describe team-building techniques

Methods of Evaluation

Matched Outcomes

1. Teach supervisory and human relations skills and techniques required by the Ironworker foreman.

2. Apply problem-solving skills

Methods of Evaluation

Matched Outcomes

1. Teach supervisory and human relations skills and techniques required by the Ironworker foreman.

3. Identify methods to maintain labor-management relations

Methods of Evaluation

Matched Outcomes

1. Teach supervisory and human relations skills and techniques required by the Ironworker foreman.

4. Demonstrate effective communication skills

Methods of Evaluation

Matched Outcomes

1. Teach supervisory and human relations skills and techniques required by the Ironworker foreman.

5. Illustrate how to document and maintain records

Methods of Evaluation
Matched Outcomes

2. Teach management skills and techniques required by the Ironworker foreman.

6. Describe the steps required to plan and schedule work

Methods of Evaluation
Matched Outcomes

2. Teach management skills and techniques required by the Ironworker foreman.

7. Explain safety precautions and regulations that apply to job sites

Methods of Evaluation
Matched Outcomes

3. Deliver safety related lecture material.

8. Reference Ironworker and vendor supplied manuals during lectures

Methods of Evaluation
Matched Outcomes

4. Effectively use Ironworker and other supplied materials.

9. Apply Ironworker and vendor training material guidelines and concepts

Methods of Evaluation
Matched Outcomes

4. Effectively use Ironworker and other supplied 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

Faculty Preparer:

Department Chair/Area Director:
Daniel Welch

Dean: *Daniel Welch*

Action

Faculty Preparer

Recommend Approval

Request Conditional Approval

Date

*May 05,
2011*

*May 05,
2011*

*May 05,
2011*

Vice President for Instruction: *Stuart
Blacklaw*

Conditional Approval

*May 06,
2011*