

Washtenaw Community College Comprehensive Report

IWT 223 Ornamental Wall Coverings and Glass Railing Conditional Approval Effective Term: Fall 2011

Course Cover

Division: Vocational Technologies

Department: United Association Department

Discipline: Ironworker Instructor Training

Course Number: 223

Org Number: 28700

Full Course Title: Ornamental Wall Coverings and Glass Railing

Transcript Title: Ornamental Wall Coverings

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 will focus on types and installation of curtain wall, window wall, storefronts, entrance ways and glass railing. In addition, storage, safe handling, application of caulking and installation of glass will be taught. A portion of this course will consist of hands-on training. 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: 10.5 Student: 10.5

The following Lab fields are not divisible by 15: Student Min, Instructor Min

Lab: Instructor: 12 Student: 12

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. Set up and demonstrate ornamental installation techniques.

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. Deliver safety and other ornamental component installation related lecture material.

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3. Effectively use the Ironworker and vendor training materials.

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Course Objectives

1. Demonstrate the installation of curtain wall and window wall store front components

Methods of Evaluation Matched Outcomes

2. Demonstrate the installation of glass railings

Methods of Evaluation Matched Outcomes

3. Explain safety precautions and regulations that apply to ornamental component installations

Methods of Evaluation Matched Outcomes

2. Deliver safety and other ornamental component installation related lecture material.

4. Describe the components used in ornamental installations

Methods of Evaluation Matched Outcomes

2. Deliver safety and other ornamental component installation related lecture material.

5. Explain the step-by-step procedures used in the installation of ornamental building components

Methods of Evaluation Matched Outcomes

2. Deliver safety and other ornamental component installation related lecture material.

6. Reference Ironworker and vendor supplied manuals during lectures and demonstrations

Methods of Evaluation Matched Outcomes

3. Effectively use the Ironworker and vendor training materials.

7. Apply Ironworker and vendor training material guidelines and concepts

Methods of Evaluation Matched Outcomes

3. Effectively use the Ironworker and vendor 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
Other: Welding Lab

Reviewer

Action

Date

Faculty Preparer:

Faculty Preparer

*May 05,
2011*

Department Chair/Area Director:
Daniel Welch

Recommend Approval

*May 05,
2011*

Dean: *Daniel Welch*

Request Conditional Approval

*May 05,
2011*

Vice President for Instruction: *Stuart
Blacklaw*

Conditional Approval

*May 06,
2011*