

Washtenaw Community College Comprehensive Report

IWA 161 Introduction to Architectural and Ornamental Ironwork Proposed start term: Fall 2010

Course Cover

Division: Vocational Technologies

Department: United Association Department

Discipline: International Association of Iron Workers

Course Number: 161

Org Number: 19100

Full Course Title: Introduction to Architectural and Ornamental Ironwork

Transcript Title: Intro Architectural Ornam Iron

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Web Page

Reason for Submission: New Course

Change Information:

Rationale: New course in the articulation agreement with the Ironworkers' Local Union No. 25

Proposed Start: Fall 2010

Course Description: This course covers architectural wall systems. Students will learn about curtain wall systems, window wall systems, sloped walls, cable walls, skylights and testing. Students will gain experience erecting storefronts, entranceways and glass rails. Students will be introduced to sealants and glazing systems. This course is only available for Ironworker apprentices through the Local 25 training center.

Course Credit Hours

Variable hours: No

Credits: 2

Lecture Hours: Instructor: 30 **Student:** 30

Lab: Instructor: 0 **Student:** 0

Clinical: Instructor: 0 **Student:** 0

Other: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: Student:

Repeatable for Credit: NO

Grading Methods: Letter Grades

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

Requisites

Enrollment Restrictions

This course is taught at the Ironworkers 25 training center and is only open to apprentices accepted into a program.

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

AN logged 3/10/10 sjv

1. Identify methods for assembling curtain wall and window wall systems based on a scenario's drawing.

Assessment 1

Assessment Tool: Training center instructors and contractors (employers) provide paper feedback evaluation forms for apprentice skill performance reviews.

Assessment Date: Fall 2012

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Apprentice evaluation feedback forms are filled out by the employing contractor and Joint Apprentice Training Committee (JATC) instructor.

Standard of success to be used for this assessment: The standard of success is set by the local Joint Apprentice Training Committee (JATC) in accordance with national and regional standards.

Who will score and analyze the data: The data is analyzed by the Joint Apprentice Training Committee (JATC) as a committee.

2. Construct and assemble curtain wall systems, window wall systems, windows, storefronts and architectural metals according to drawing specifications.

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Course Objectives

1. Objectives and methods of evaluation follow the curriculum set out by the Joint Apprentice Training Committee (JATC).

Methods of Evaluation

Other

Additional Evaluation Information: This course is assessed externally by the local's Joint Apprentice Training Committee (JATC) consisting of industry representatives and Ironworker members. The local receives feedback on needed technical updates and apprentices' skill performance.

Matched Outcomes

1. Identify methods for assembling curtain wall and window wall systems based on a scenario's drawing.
2. Construct and assemble curtain wall systems, window wall systems, windows, storefronts and architectural metals according to drawing specifications.

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals
Software
Other

Equipment/Facilities

Other: the Ironworkers Local 25 Training Center