

## Washtenaw Community College Comprehensive Report

### IWA 161 Introduction to Architectural and Ornamental Ironwork Effective Term: Fall 2010

#### Course Cover

**College:** Advanced Technologies and Public Service Careers

**Division:** Advanced Technologies and Public Service Careers

**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 Semester:** 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

**Total Contact Hours: Instructor:** 30 **Student:** 30

**Repeatable for Credit:** NO

**Grading Methods:** Transfer

**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

**Enrollment Restrictions**

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

#### General Education

**Degree Attributes**

Below College Level Pre-Reqs

## **Request Course Transfer**

### **Proposed For:**

## **Student Learning Outcomes**

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).

## **New Resources for Course**

## **Course Textbooks/Resources**

Textbooks

Manuals

Periodicals

Software

## **Equipment/Facilities**

## Other: the Ironworkers Local 25 Training Center

<b><u>Reviewer</u></b>	<b><u>Action</u></b>	<b><u>Date</u></b>
<b>Faculty Preparer:</b> <i>Michele O'Neil</i>	<i>Faculty Preparer</i>	<i>Mar 09, 2010</i>
<b>Department Chair/Area Director:</b> <i>Gloria Eccleston</i>	<i>Recommend Approval</i>	<i>Mar 09, 2010</i>
<b>Dean:</b> <i>James Egan</i>	<i>Recommend Approval</i>	<i>Mar 10, 2010</i>
<b>Curriculum Committee Chair:</b> <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Apr 01, 2010</i>
<b>Assessment Committee Chair:</b> <i>Rosemary Rader</i>	<i>Recommend Approval</i>	<i>Apr 01, 2010</i>
<b>Vice President for Instruction:</b> <i>Phyllis Grzegorzcyk</i>	<i>Approve</i>	<i>Apr 02, 2010</i>