

## Washtenaw Community College Comprehensive Report

### IWA 155 Rigging/Machinery Mover II

Proposed start term: Fall 2010

#### Course Cover

**Division:** Vocational Technologies

**Department:** United Association Department

**Discipline:** International Association of Iron Workers

**Course Number:** 155

**Org Number:** 19100

**Full Course Title:** Rigging/Machinery Mover II

**Transcript Title:** Rigging/Machinery Mover II

**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 Iron workers' Local Union No. 25

**Proposed Start:** Fall 2010

**Course Description:** This course introduces conveyor systems, their uses, and maintenance requirements. Terminology, systems components, basic installation, devices and mechanisms will be covered. Rigging as it applies to different types of structural details will be emphasized. This course prepares students to take the Crosby Master Rigging and CDL Certification tests. This course is only available for Ironworker apprentices through the Local 25 training center.

#### Course Credit Hours

**Variable hours:** No

**Credits:** 3

**Lecture Hours: Instructor:** 45 **Student:** 45

**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

*for logged 3/10/10 sj ✓*

1. Identify conveyor systems, their uses and maintenance.

**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. Recognize the objectives of a Commercial Driver's License (CDL) exam and obtain a permit through the Secretary of State's office.

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3. Recognize the objectives of the Crosby Rigging Certification.

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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 conveyor systems, their uses and maintenance.
3. Recognize the objectives of the Crosby Rigging Certification.

**New Resources for Course**

**Course Textbooks/Resources**

Textbooks  
Manuals  
Periodicals  
Software  
Other

**Equipment/Facilities**

Other: Ironworkers Local 25 Training Center