

Washtenaw Community College Comprehensive Report

BAC 213 Masonry Construction Techniques and Restoration Proposed start term: Fall 2010

Course Cover

Division: Vocational Technologies

Department: United Association Department

Discipline: Bricklayers & Allied Craftworkers

Course Number: 213

Org Number: 19100

Full Course Title: Masonry Construction Techniques and Restoration

Transcript Title: Masonry Techniques and Restor

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 International Union of Bricklayers and Allied Craftworkers (BAC)

Proposed Start: Fall 2010

Course Description: This course will cover basic repair and restoration of masonry in addition to specialty masonry construction techniques. Topics include cleaning, pointing, arches, brick pavers, structural glazed tiles, fireplaces and chimneys. This course is only available for Bricklayer and Allied Craftworker apprentices.

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 local BAC training center and is only open to apprentices accepted into a program.

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

JN logged 3/4/10

1. Clean brickwork using appropriate methods according to industry guidelines.

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 International Masonry Institute (IMI) instructor.

Standard of success to be used for this assessment: The standard of success is set by the local International Masonry Institute (IMI).

Who will score and analyze the data: The data is analyzed by the International Masonry Institute (IMI) as a committee.

2. Repair brickwork using appropriate methods according to industry guidelines.

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3. Identify types, parts, and purposes of arches, brick paving, structural glazed tile, chimneys and fireplaces in masonry.

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Course Objectives

1. Objectives and methods of evaluation follow the curriculum set out by the International Masonry Institute (IMI).

Methods of Evaluation

Other

Additional Evaluation Information: This course is assessed externally by the Michigan Bricklayers and Allied Craftworkers Training Center and the International Masonry Institute (IMI) consisting of industry representatives and BAC members. The local receives feedback on

needed technical updates and apprentices' skill performance.

Matched Outcomes

1. Clean brickwork using appropriate methods according to industry guidelines.
2. Repair brickwork using appropriate methods according to industry guidelines.
3. Identify types, parts, and purposes of arches, brick paving, structural glazed tile, chimneys and fireplaces in masonry.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software
Other

Equipment/Facilities

Other: Local BAC training center