

# Washtenaw Community College Comprehensive Report

## CON 096 Construction Concrete and Masonry Conditional Approval Effective Term: Spring/Summer 2015

### Course Cover

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

**Department:** Construction Institute

**Discipline:** Residential Construction Technology

**Course Number:** 096

**Org Number:** 14725

**Full Course Title:** Construction Concrete and Masonry

**Transcript Title:** Construction Conc. & Mason

**Is Consultation with other department(s) required:** No

**Publish in the Following:**

**Reason for Submission:** New Course

**Change Information:**

**Rationale:** part of high school dual enrollment pilot program

**Proposed Start Semester:** Spring/Summer 2015

**Course Description:** In this course, students will learn about concrete and masonry finishes for homes and light industrial buildings, to include foundations, slabs, brick block and stone. Construction theory in class is included to support lab activities on and offsite. This course is included in the high school dual enrollment program.

### Course Credit Hours

**Variable hours:** No

**Credits:** 3

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

**Lab: Instructor:** 90 **Student:** 90

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

**Total Contact Hours: Instructor:** 120 **Student:** 120

**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

Reduced Reading/Writing Scores

### College-Level Math

#### Requisites

**Prerequisite**

Academic Reading and Writing Levels of 3

### General Education

**Degree Attributes**

Below College Level Pre-Reqs

### Request Course Transfer

**Proposed For:**

## Student Learning Outcomes

1. Identify and install concrete forms used for light framed construction.

### **Assessment 1**

**Assessment Tool:** Exam

**Assessment Date:** Spring/Summer 2015

**Assessment Cycle:** Annually

**Course section(s)/other population:** All

**Number students to be assessed:** All

**How the assessment will be scored:** answer key

**Standard of success to be used for this assessment:** 70% of students will score 70% or higher

**Who will score and analyze the data:** departmental faculty

### **Assessment 2**

**Assessment Tool:** Lab Projects

**Assessment Date:** Spring/Summer 2015

**Assessment Cycle:** Annually

**Course section(s)/other population:** all

**Number students to be assessed:** All

**How the assessment will be scored:** departmentally-developed rubric

**Standard of success to be used for this assessment:** 70% of the students will score 70% or higher

**Who will score and analyze the data:** departmental faculty

2. Pour and finish concrete projects used in light frame construction.

### **Assessment 1**

**Assessment Tool:** Lab Projects

**Assessment Date:** Spring/Summer 2015

**Assessment Cycle:** Annually

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### **Assessment 2**

**Assessment Tool:** Exam

**Assessment Date:** Spring/Summer 2015

**Assessment Cycle:** Annually

**Course section(s)/other population:** All

**Number students to be assessed:** All

**How the assessment will be scored:** answer key

**Standard of success to be used for this assessment:** 70% of students will score 70% or higher

**Who will score and analyze the data:** departmental faculty

3. Identify and install masonry systems used in light frame construction.

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**Assessment 2**

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### Course Objectives

1. Conditionally approve

#### **Matched Outcomes**

1. Identify and install concrete forms used for light framed construction.
2. Pour and finish concrete projects used in light frame construction.
3. Identify and install masonry systems used in light frame construction.

2. recognize form materials used in light frame construction

#### **Matched Outcomes**

1. Identify and install concrete forms used for light framed construction.

3. Install concrete forms using proper materials. methods and safety regulations.

#### **Matched Outcomes**

2. Pour and finish concrete projects used in light frame construction.

4. Recognize concrete compositions used in light frame construction.

#### **Matched Outcomes**

2. Pour and finish concrete projects used in light frame construction.

5. Pour concrete projects used in light framed construction

#### **Matched Outcomes**

2. Pour and finish concrete projects used in light frame construction.

6. Finish concrete using proper methods and safety regulations

#### **Matched Outcomes**

3. Identify and install masonry systems used in light frame construction.

7. Safely install masonry within industry standards.

#### **Matched Outcomes**

3. Identify and install masonry systems used in light frame construction.

### New Resources for Course

#### Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

#### Equipment/Facilities

Level III classroom

#### Reviewer

#### Action

#### Date

#### **Faculty Preparer:**

*Cristy Lindemann*

*Faculty Preparer*

*Mar 06, 2015*

#### **Department Chair/Area Director:**

*Cristy Lindemann*

*Recommend Approval*

*Mar 06, 2015*

#### **Dean:**

*Brandon Tucker*

*Request Conditional Approval*

*Mar 19, 2015*

#### **Vice President for Instruction:**

*Bill Abernethy*

*Conditional Approval*

*Mar 23, 2015*

