

Washtenaw Community College Comprehensive Report

CON 230 Construction Production

Effective Term: Fall 2012

Course Cover

Division: Vocational Technologies

Department: Construction Institute

Discipline: Residential Construction Technology

Course Number: 230

Org Number: 14725

Full Course Title: Construction Production

Transcript Title: Construction Production

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Three Year Review / Assessment Report

Change Information:

Course title

Course description

Pre-requisite, co-requisite, or enrollment restrictions

Outcomes/Assessment

Rationale: Advisory board recommendations.

Proposed Start Semester: Fall 2012

Course Description: In this course, students are introduced to the production aspect of light frame construction. Students will be using house plans to estimate materials, schedule trades, and prepare quality control "punch lists" based upon materials and trades used. Topics include construction materials, estimating, scheduling and quality control. The title of this course was previously Residential Construction Production.

Course Credit Hours

Variable hours: No

Credits: 3

Lecture Hours: Instructor: 45 Student: 45

Lab: Instructor: 0 Student: 0

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 45 Student: 45

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

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

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Level 3

Requisites

Prerequisite

CON 205 minimum grade "C"

and

General Education

Request Course Transfer

Proposed For:

Central Michigan University
Eastern Michigan University
Ferris State University

Student Learning Outcomes

1. Sequence necessary steps in home construction.

Assessment 1

Assessment Tool: Written Departmental Final Exam (Questions 1 a-o).

Assessment Date: Winter 2012

Assessment Cycle: Every Three Years

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: 80% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

2. Analyze a building plan to determine materials needed.

Assessment 1

Assessment Tool: Written Departmental Final Exam (Question 2).

Assessment Date: Winter 2012

Assessment Cycle: Every Three Years

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: 80% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

3. Plan a trade schedule.

Assessment 1

Assessment Tool: Written Departmental Final Exam (Question 3).

Assessment Date: Winter 2012

Assessment Cycle: Every Three Years

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: 80% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

4. Analyze work sites to create effective quality control punch lists.

Assessment 1

Assessment Tool: Written Departmental Final Exam (Question 4).

Assessment Date: Winter 2012

Assessment Cycle: Every Three Years

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: 80% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty

Course Objectives

1. Identify construction materials used for a specific house plan and differentiate between all material options.

Matched Outcomes

1. Sequence necessary steps in home construction.
2. Quantify materials needed for a specific house plan, use construction math techniques for materials quantity take offs, and price out final warranty sheet.

Matched Outcomes

2. Analyze a building plan to determine materials needed.
3. Prioritize each construction task, identify time needed for each material and trade, and complete final schedule.

Matched Outcomes

3. Plan a trade schedule.
4. Comprehend construction code and industry quality standards, create check lists that follow those standards, and apply those lists as part of a quality control construction system.

Matched Outcomes

4. Analyze work sites to create effective quality control punch lists.

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

Feb 17, 2012

Department Chair/Area Director:

Cristy Lindemann

Recommend Approval

Feb 17, 2012

Dean:

Ross Gordon

Recommend Approval

Mar 21, 2012

Vice President for Instruction:

Stuart Blacklaw

Approve

Apr 11, 2012