Washtenaw Community College Comprehensive Report

CON 205 Construction Finishes Exterior
Effective Term: Fall 2012

Course Cover

Division: Vocational Technologies
Department: Construction Institute
Discipline: Residential Construction Technology
Course Number: 205
Org Number: 14725
Full Course Title: Construction Finishes Exterior
Transcript Title: Construction Finishes Exterior
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
Distribution of contact hours
Pre-requisite, co-requisite, or enrollment restrictions
Outcomes/Assessment
Objectives/Evaluation
Rationale: Assessment and advisory board recommendations.
Proposed Start Semester: Fall 2012
Course Description: This course covers exterior finishes for homes and light industrial buildings to include siding, roofing, and waterproofing systems. Construction theory in class is included to support lab activities on and offsite. Students will discuss layout techniques, materials required, and proper safety regulations for finishing exteriors per industry standards. This course was previously Residential Construction IV.

Course Credit Hours

Variable hours: No
Credits: 3
Lecture Hours: Instructor: 15 **Student:** 15
Lab: Instructor: 60 **Student:** 60
Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 75 **Student:** 75
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 105 minimum grade "C"; may enroll concurrently

General Education

Request Course Transfer

Proposed For:

Central Michigan University
Eastern Michigan University
Ferris State University

Student Learning Outcomes

1. Identify and install various types of siding used for light framed construction.
   Assessment 1
   Assessment Tool: Exam
   Assessment Date: Fall 2015
   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 students will score 80% or higher.
   Who will score and analyze the data: Department faculty
   Assessment 2
   Assessment Tool: Lab Project
   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: departmentally-developed rubric
   Standard of success to be used for this assessment: 80% of students will score 80% or higher.
   Who will score and analyze the data: Department faculty

2. Identify and install various types of roofing used for light frame construction.
   Assessment 1
   Assessment Tool: Lab Project
   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: departmentally-developed rubric
   Standard of success to be used for this assessment: 80% of students will score 80% or higher.
   Who will score and analyze the data: Department faculty
   Assessment 2
   Assessment Tool: Exam
   Assessment Date: Fall 2015
   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 students will score 80% or higher
   Who will score and analyze the data: Department faculty

3. Install exterior trim and soffits.

Assessment 1
Assessment Tool: Lab Project
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: departmentally-developed rubric
Standard of success to be used for this assessment: 80% of students will score 80% or higher.
Who will score and analyze the data: Department faculty

4. Identify various light frame construction waterproofing systems.
Assessment 1
Assessment Tool: Lab Project
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: departmentally-developed rubric
Standard of success to be used for this assessment: 80% of students will score 80% or higher.
Who will score and analyze the data: Department faculty
Assessment 2
Assessment Tool: Exam
Assessment Date: Fall 2015
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 students will score 80% or higher.
Who will score and analyze the data: Department faculty

Course Objectives

1. Recognize siding materials used in light framed construction.
Matched Outcomes
1. Identify and install various types of siding used for light framed construction.
2. Install siding where required using proper materials, methods and safety regulations.
Matched Outcomes
1. Identify and install various types of siding used for light framed construction.
3. Diagnose problems that may arise when siding is installed incorrectly.
Matched Outcomes
1. Identify and install various types of siding used for light framed construction.
4. Recognize roofing materials used in light frame construction.
Matched Outcomes
2. Identify and install various types of roofing used for light frame construction.
5. Install roofing using proper materials, methods and safety regulations.
Matched Outcomes
2. Identify and install various types of roofing used for light frame construction.
6. Diagnose problems that may arise when roofing systems are installed incorrectly.
Matched Outcomes
2. Identify and install various types of roofing used for light frame construction.
7. Recognize various materials, tools and equipment used for exterior trim and soffits.
Matched Outcomes
3. Install exterior trim and soffits.
8. Diagnose problems that may arise when trim and soffits are installed incorrectly.
Matched Outcomes
3. Install exterior trim and soffits.

9. Safely install trim within industry standards.
   Matched Outcomes
   3. Install exterior trim and soffits.
10. Safely install soffits within industry standards.
   Matched Outcomes
   3. Install exterior trim and soffits.
11. Recognize various materials, tools and equipment used for waterproofing light frame construction.
   Matched Outcomes
   4. Identify various light frame construction waterproofing systems.
12. Diagnose problems that may arise when waterproofing is installed incorrectly.
   Matched Outcomes
   4. Identify various light frame construction waterproofing systems.
13. Safely install waterproofing within industry standards.
   Matched Outcomes
   4. Identify various light frame construction waterproofing systems.

New Resources for Course

student hand tools

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*	*Feb 17, 2012*
Vice President for Instruction:		
Stuart Blacklaw	*Approve*	*Apr 05, 2012*