

Washtenaw Community College Comprehensive Report

CON 055 Introduction to Construction Skills

Conditional Approval

Effective Term: Fall 2013

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: Construction Institute

Discipline: Residential Construction Technology

Course Number: 055

Org Number: 14725

Full Course Title: Introduction to Construction Skills

Transcript Title: Intro to Construction Skills

Is Consultation with other department(s) required: No

Publish in the Following:

Reason for Submission: New Course

Change Information:

Rationale: This course will be used for area partner high school students as an articulation into the Construction Technology basic certificate.

Proposed Start Semester: Fall 2013

Course Description: This is an introduction to construction competencies. Students will be introduced to construction terminology, safety materials, tool safety, construction math and technical writing skills needed in the construction field. This course is only available to students attending an area partner High School.

Course Credit Hours

Variable hours: No

Credits: 6

Lecture Hours: Instructor: 75 Student: 75

The following Lab fields are not divisible by 15: Student Min, Instructor Min

Lab: Instructor: 110 Student: 110

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 185 Student: 185

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

Reduced Reading/Writing Scores

College-Level Math

Requisites

Prerequisite

Must follow WCC's partner High School dual enrollment process; Academic Reading and Writing Levels of 3

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Identify and improve current strengths as well as areas for academic and personal career growth.
2. Write well-developed and well-organized paragraphs and essays using construction terminology and technical information.
3. Demonstrate ability to calculate measurements and materials needed for construction projects.
4. Determine specific tools and equipment required for a construction project.

Assessment 1

Assessment Tool: Exam

Assessment Date: Fall 2014

Assessment Cycle: Every Two 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: 75 % of students will score 75% or higher

Who will score and analyze the data: departmental faculty

5. Inspect and use tools and equipment safely and correctly per project specifications.
6. Complete project within set parameters and specifications using proper materials, tools and equipment.
7. Actively engage effective reading strategies.

Course Objectives

1. Recognize various materials used for construction projects

Matched Outcomes

3. Demonstrate ability to calculate measurements and materials needed for construction projects.

6. Complete project within set parameters and specifications using proper materials, tools and equipment.

2. Determine materials to use for specific construction projects

Matched Outcomes

3. Demonstrate ability to calculate measurements and materials needed for construction projects.

6. Complete project within set parameters and specifications using proper materials, tools and equipment.

3. Complete OSHA 10-hour training

Matched Outcomes

5. Inspect and use tools and equipment safely and correctly per project specifications.

4. Set goals and expectations

Matched Outcomes

5. Utilize active learning strategies to improve learning

Matched Outcomes

6. Identify and correct any areas of grammar and usage needing improvement

Matched Outcomes

7. Expand reading vocabulary

Matched Outcomes

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment / Facilities

Level I classroom

Testing Center

Computer workstations/lab

Reviewer

Action

Date

Faculty Preparer:

Cristy Lindemann

Faculty Preparer

Jun 18, 2013

Department Chair / Area Director:

Cristy Lindemann

Recommend Approval

Aug 13, 2013

Dean:

Marilyn Donham

Request Conditional Approval

Aug 14, 2013

Vice President for Instruction:

Bill Abernethy

Conditional Approval

Aug 16, 2013