

Washtenaw Community College Comprehensive Report

CON 170 Cabinetry and Millwork I

Effective Term: Fall 2013

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: Construction Institute

Discipline: Residential Construction Technology

Course Number: 170

Org Number: 14725

Full Course Title: Cabinetry and Millwork I

Transcript Title: Cabinetry and Millwork I

Is Consultation with other department(s) required: No

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

Reason for Submission: Course Change

Change Information:

Pre-requisite, co-requisite, or enrollment restrictions

Rationale: When curriculum was changed last year, the prereq was not changed.

Proposed Start Semester: Fall 2013

Course Description: Students will apply basic tool set up and operation for all hand and stationary tools necessary to complete fabrication and veneer application. There will be a focus on proper use and assembly of the materials. These techniques will be used for identifying and preparing rough and manufactured lumber for further working into panels, lathe and molding blanks, doors, drawers and miscellaneous components. Each student will build a cabinet from rough lumber, incorporating a fitted drawer and a frame and panel door using a raised panel, hung on mortised butt hinges. The title of this course was previously Introduction to Cabinetry and Millwork.

Course Credit Hours

Variable hours: No

Credits: 3

Lecture Hours: Instructor: 30 Student: 30

Lab: Instructor: 30 Student: 30

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 60 Student: 60

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

Requisites

Prerequisite

CON 108 minimum grade "C"; may enroll concurrently

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Prepare rough lumber using power and stationary tools, following proper safety guidelines, to fabricate cabinet components.

Assessment 1

Assessment Tool: Written and practical components of an exam.

Assessment Date: Fall 2013

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 and departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 85% or higher

Who will score and analyze the data: Departmental faculty

2. Prepare and apply material using power and stationary tools, following proper safety guidelines, to apply veneer to components.

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3. Apply basic fitting techniques in constructing the "apprentice" cabinet.

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Course Objectives

1. Set up operation of hand and stationary tools properly and safely.

Matched Outcomes

1. Prepare rough lumber using power and stationary tools, following proper safety guidelines, to fabricate cabinet components.

2. Create basic panels, molding blanks, doors, curved shapes and drawers from rough lumber.

Matched Outcomes

1. Prepare rough lumber using power and stationary tools, following proper safety guidelines, to fabricate cabinet components.

3. Apply veneer to created objects.

Matched Outcomes

2. Prepare and apply material using power and stationary tools, following proper

safety guidelines, to apply veneer to components.

4. Identify hard woods.

Matched Outcomes

2. Prepare and apply material using power and stationary tools, following proper safety guidelines, to apply veneer to components.

5. Mastery of proper gluing techniques.

Matched Outcomes

3. Apply basic fitting techniques in constructing the "apprentice" cabinet.

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

Nov 02, 2012

Department Chair/Area Director:

Cristy Lindemann

Recommend Approval

Nov 02, 2012

Dean:

Marilyn Donham

Recommend Approval

Nov 07, 2012

Vice President for Instruction:

Stuart Blacklaw

Approve

Jan 30, 2013