



BCCM 2690

Division: Career and Technical Education

Department: Building Construction and Construction Management

Course: BCCM 2690

Title: Advanced Cabinet Construction

Catalog Description:

A Continuation of Cabinet Construction 2150 with more experience in milling, assembling and designing cabinets for a residential home. Emphasis is placed on advanced cabinet layout and construction techniques.

General Education Requirements: N/A

Semesters Offered: Spring

Credit/Time Requirement: Credit: 3; Lecture: 3; Lab: 2

Clock/Hour Requirements: 0

Offered for Non-Credit: No

Prerequisites: Completion of BCCM 2150 or equivalent

Corequisites: N/A

Justification:

This course provides additional experience in building custom cabinets for students wanting to specialize in cabinetmaking or eventually own their own cabinet shop.

Student Learning Outcomes:

Upon successful completion of this course, students will:

- enhance and expand skills in construction of basic cabinetwork, safety awareness, and tools and materials of the cabinetmaking industry
- enable the student to acquire advanced skills needed to construct specialty cabinets
- gain the additional experience needed to produce cabinets for gainful employment in the cabinetmaking industry.

Content:

This course will include:

- Advanced Methods used in Kitchen Cabinets
- Types of Specialty Cabinets

- Design and Layout Procedures
- Design and Layout Procedures
- Construction and Assembly Procedures.

General Education Outcomes:

Applied Education Outcomes:

1) Students will acquire entry-level skills specific to and appropriate for employment in their chosen field of study.

Students will practice added skills in cabinetwork including lathe work, specialty joints, bending and laminating and other advanced cabinetmaking operations.

3) Students will demonstrate safe practices and awareness of potential hazards in their field of expertise.

Student will gain additional practice in safe use of woodworking machines.

Key Performance Indicators:

Outcome assessment will be an evaluation of:

- performance on project (60%)
- faculty developed tests from the objectives of the course (20%).
- attendance and productivity (20%)

Percentages are approximate.

Representative Text and/or Supplies:

- Umstadd, William D. and Davis, Charles W., *Modern Cabinetmaking*, current edition, Tinley Park, Illinois: The Goodhear-Wilcox Company.

Optimum Class Size: 12

Maximum Class Size: 15

Signatures:

I hereby submit this course syllabus:

Officer Robert Wright, ,

I hereby find this course consistent with the goals and resources of the Building Construction and Construction Management Department:

Marlin Christensen, M. Ed., Instructor, Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)