BCCM 2690

Division: Career and Technical Education
Department: Construction Technology
Course: BCCM 2690
Title: Advanced Cabinet Construction
Catalog Description:

This course is 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: 75
Offered for Non-Credit: Yes
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 awarenenss, 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
- 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.

Each student will know the basic skills for constructing cabinets - each step.

2) Students will become aware of industry specific certification and develop skills sufficient to acquire the same.

Students will be aware of possible existing jobs in the community and know how to find access to other possible jobs in the area.

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

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

4) Students will demonstrate interpersonal skills specific to the skills and environment inherent in their field.

Students will know the correct way to interact with potential customers, employees, and/or co-workers.

Key Performance Indicators:

Student Learning Outcomes will be assessed by one or more of the following Key Performance Indicators:

- performance on project
- exams/quizzes (written or oral)
- attendance
- productivity.

Representative Text and/or Supplies:

- Umstattd, Wiliam 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:

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Marlin Christensen, M. Ed., Instructor

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

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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)

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Michelle Olsen, MLS, Campus Librarian (Richfield Campus)