



BCCM 2100

Division: Career and Technical Education

Department: Building Construction and Construction Management

Course: BCCM 2100

Title: Interior Finish

Catalog Description:

This course covers the cutting, fitting, hanging, and taping of sheetrock on a project house. It covers the cutting, fitting and applying of various kinds of trim for doors, windows, walls and ceilings. It also includes interior painting, cabinet installation, door hanging and other procedures required to finish the interior of a residential home.

General Education Requirements: N/A

Semesters Offered: Spring

Credit/Time Requirement: Credit: 7; Lecture: 4; Lab: 6

Clock/Hour Requirements: 0

Offered for Non-Credit: No

Prerequisites: N/A

Corequisites: N/A

Justification:

A necessary course in the construction phase of residential house. Training students for all installation of sheetrock, doors and all finish trim used in the construction of a residential house.

Student Learning Outcomes:

Upon successful completion of this course, students will:

- be able to understand the insulation of thermal properties of insulation and install at least one kind in a building
- study the materials and methods used to cover the framed areas inside the structure such as: drywall, paneling, solid wood paneling, hardboard and ceiling tile
- maintain and care for specific hand tools used in construction
- install door and fit trim around openings
- install shelving and rods for linen and clothes closets
- learn different kinds and installation of many kinds of hardware
- install kitchen and bathroom cabinets with counter tops
- prepare residence for painting by the hanging, taping, and texturing of sheetrock
- install balusters, shoe, and hand railings for stairs

- install decorative trims, such as crown moldings and three dimensional panels.

Content:

This course will include:

- insulation
 - heat transmission
 - thermal properties of insulation
 - types of insulation
 - placement of insulation
 - vapor barriers and condensation
 - estimation materials
- wall coverings
 - drywall- application and finishing
 - paneling- kinds and installation
 - solid wood paneling - Installation
 - hardboard - patterns and texture
 - estimating materials
- ceiling coverings
 - ceiling tile- kinds and installation
 - ceiling sprayed texture
 - material estimation
- maintenance and care of tools
 - sharpening hand tools
- finishes
 - interior doors and trim
 - hardware
 - Grades and size of moldings
 - painting
 - cabinet installation
 - counter top installation
 - tub and shower enclosure installation.

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 understand and practice interior finishing processes and procedures including finish trim installation, hanging doors, and cabinet installation.

Key Performance Indicators:

Outcome assessment will be determined by:

- attendance and performance on the site project (60%)
- faculty developed tests on the contents of the course (40%).

Percentages are approximate.

Representative Text and/or Supplies:

- Koel, Leonard, *Carpentry*, current edition, American Technical Publishers.
- Proctor, Thomas, *Carpentry Workbook*, current edition, American Publishers.

Optimum Class Size: 15

Maximum Class Size: 20

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)