



BCCM 2270

Division: Career and Technical Education

Department: Building Construction and Construction Management

Course: BCCM 2270

Title: Construction Codes and Zoning

Catalog Description:

This course provides an introduction to the practical applications of the uniform building code especially inspection procedures and requirements for residential and light commercial construction.

General Education Requirements: N/A

Semesters Offered: Spring

Credit/Time Requirement: Credit: 2; Lecture: 2; Lab: 0

Clock/Hour Requirements: 0

Offered for Non-Credit: No

Prerequisites: N/A

Corequisites: N/A

Justification:

This course provides a vital understanding of the codes that provide the standards for construction of residential and commercial buildings. (A required course for graduation)

Student Learning Outcomes:

Upon successful completion of this course, students will:

- be able to develop the ability to understand, read and interpret code requirements as they apply to residential buildings
- interpret tables, terms, and schedules in the International Residential Building Code and apply them on the job site.

Content:

This course will include:

- building permits and occupancy requirements
- types of construction, fire resistance and safety
- concrete, masonry, and foundations; chimneys and fireplaces

- engineering and design requirements; framing and roof systems
- finish materials and installation procedures.

General Education Outcomes:

1) Read effectively, constructively, and critically.

Students will understand how to read and interpret building code information and where to find specific requirements for the residential building code.

Key Performance Indicators:

Outcome assessment will be determined by:

- written assignments (10%)
- attendance and participation (20%)
- scores on faculty developed quizzes and tests (70%).

Percentages are approximate.

Representative Text and/or Supplies:

- *International Residential Code*, current edition, International Code Council, Whittier, California.

Optimum Class Size: 12

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)