Common Course Numbering System

Searching Current Courses For Spring 2015

Course: EIC 130
Title: National Electrical Code I
Long Title: National Electrical Code I
Course Description: Focuses on the National Electrical Code and local code requirements for electrical installation. Covers chapters one through four of the National Electrical Code.
Min Credit: 4
Max Credit:

Origin Notes: RRCC

STANDARD COMPETENCIES:

I. Define the purpose and scope of the code

II. Analyze the general code requirements and apply them to electrical equipment

TOPICAL OUTLINE:

I. Explain the scope, purpose, and general requirements of the code

II. Discern the types of occupancies and areas that must comply and areas that are exempt from the code

III. Determine the location of electrical outlets in a dwelling

IV. Determine the size of a conductor for a circuit considering ambient temperature and more than three conductors in the raceway, cord, or cable

V. Determine the minimum permitted service entrance conductor size

VI. Evaluate ability to make electrical wiring calculations

Course Offered At:

Red Rocks Community College RRCC

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