

NATIONAL ELECTRICAL CODE (NEC)

COURSE: Understanding the National Electrical Code

DESCRIPTION: The purpose of the National Electrical Code (NEC) is to inform the electrical industry and other interested parties of the many revisions, deletions, and rearrangements made in the 2002 Edition of the NEC.

This course covers the entire 2002 edition of the National Electrical Code (NEC). The material and worksheets are presented in sequential order to the NEC and illustrates a step-by-step procedure on how to apply the NEC.

The Authority Having Jurisdiction (AHJ) has the final authority for interpretation, per 90.4 of the NEC. This course meets the state of Michigan certification requirements. The certificate must be retained until the 2006 renewal year.

DURATION: 32 Hours

FORMAT: Power Point Presentation

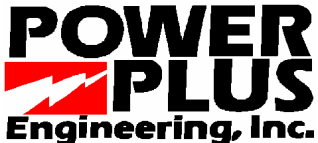
AUDIENCE: Master and Journeyman electricians, electrical contractors, registered code officials, electrical inspectors, engineers, and any other person involved in the installation of electrical equipment.

OBJECTIVE: Using “*Understanding the National Electrical Code Volume 1 and 2*” based on the 2002 NEC, students will learn valuable insights into 100% of the articles in the code, explaining each in detail and offering practical examples to illustrate how they are applied.

These workbooks allow the student to navigate easily through the NEC requirements by organizing discussions into logical subject groupings, from wire raceway and box sizing through special applications wiring. In addition, promoting an understanding of how the code is interpreted in specific field situations.

TOPICS:

- Applicable NFPA 70 requirements
- Chapter 1 General
- Chapter 2 Wiring and protection
- Chapter 3 Wiring methods and materials
- Chapter 4 Equipment for general use
- Chapter 5 Special occupancies
- Chapter 6 Special equipment
- Chapter 7 Special conditions
- Chapter 8 Communication systems
- Chapter 9 Tables



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