

2023 NEC Code Changes – 16 CE Hours

Course Syllabus & Outline

Course Details:

CEU Credits: 16

Contact Hours: 16

Course Type: Code Update

Required Textbook: 2023 NEC Code Book recommended but not required

Class Format/Location: Web-based course delivered on-line @ education.bluevoltceu.com

Prerequisite: Current or reciprocal state electrical license

Instructor: Palmer Hickman

Course Description:

Continuing education training on the current National Electrical Code helps electrical license holders work safely and keep their licenses up to date. This course covers all changes to the 2023 NEC, NFPA 70. Specific articles are listed in the course outline below.

Course Learning Objectives:

1. Introduce students to changes in the 2023 NEC Code
2. Provide students with a code change summary, type of change, the new 2023 code, significance of change with corresponding visual aid.

Student Learning Outcomes:

At the conclusion of this course, each student will be able to:

- Find code sections in the 2023 NEC that have been changed
- Explain why certain 2023 NEC changes were made
- Apply the 2023 NEC changes to workplace situations
- Identify applications and implement 2023 NEC Changes

Evaluation/Grading: Participants will have the opportunity to receive feedback on their progress in meeting the student learning outcomes by answering questions with each corresponding code change slide. Each chapter will require the learner score a 70% or higher in order to pass. There is also a comprehensive Final Exam that requires a 75% in order to pass. This Final Exam can be made required when necessary.

Control Time & Security: BlueVolt times each student's active participation in a course and enforces the module seat times (shown on the syllabus) via a timer. After 10 minutes of inactivity, the seat time clock stops and the learner is logged out. If learners complete the material before the seat time requirement is met, they may use review modules to revisit material as needed. For security, learner accounts are password protected. Learners must confirm their identity each time they log into the course.

Chapter 1

Articles 90, 100, and 110

Introduction, Definitions, and Requirements
for Electrical Installations

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Scope

90.2

Use and Application

90.4

Enforcement

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Article 100 Reorganization

Article 100

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Article 100

Definition of Attachment Fitting,
Weight-Supporting

Article 100

Definition of Branch Circuit, Motor

Article 100

Definition of Class 4 Definitions

Article 100

Definition of Clothes Closet Storage Space

Article 100

Definition of Commissioning

Article 100

Definition of Corrosive Environment

Article 100

Definition of Counter (Countertop)

Article 100

Definition of Energized, Likely to Become

Article 100

Definitions of Equipotential Plane

Article 100

Definition of Fault Managed Power

Article 100

Definition of Fibers/Flyings, Combustible

Article 100

Definition of GFCI, Special Purpose

Article 100

Definition of Ground-Fault Detector-Interrupter

Article 100

Definition of Industrial Installation, Supervised

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Article 100

Definition of Inverter, Multimode

Article 100

Definition of Location, Wet

Article 100

Definition of Locations, Hazardous (Classified)

Article 100

Definition of Microgrid, Health Care

Article 100

Definitions of Panelboard and Panelboard, Enclosed

Article 100

Definition of Receptacle, Weight-Supporting Ceiling

Article 100

Definition of Servicing

Article 100

Definition of Stranding (Compact and Compressed)

Article 100

Definition of Type P Cable

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110.3(B)

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110.14(A)

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110.16(B)

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Not Covered

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