

Course Name	2023 NEC Changes Part 2
Credit Hours	8 Hours
Course Description	This online course reviews the last 100 of the most important changes to the 2023 National Electrical Code. Changes from Section 406 through Annex K will be covered.
Learning Objectives	<p>At the completion of the course, licensees will be able to:</p> <ul style="list-style-type: none">• List new locations requiring tamper-resistant receptacles.• Outline new requirements for receptacles, cord connectors, and attachment plugs found in Chapter 4 of the 2023 NEC.• Describe new requirements for switchboards, switchgear, and panelboards found in Chapter 4 of the 2023 NEC.• Identify changes for luminaires, lampholders, and lamps in Chapter 4 of the 2023 NEC.• Describe changes and additions to appliance requirements found in Chapter 4 of the 2023 NEC.• Identify updates, additions, and changes to Chapter 5 of the 2023 National Electrical Code.• Describe the changes to Class III Division 1 and Division 2 locations found in Chapter 5 of the 2023 NEC.• Outline new requirements for protection of electrical and electronic equipment in hazardous locations.• Identify changes to threading in explosion-proof or dust ignition-proof equipment.• Describe changes to permission for flexible connections and restricted industrial establishments in Class I, Division 1 and Division 2 locations.• Identify new requirements for bonding cable trays, metal strut, angles, and channels found in Chapter 5 of the 2023 NEC.• Outline new wiring methods for Class III Division 1 locations.• Explain the new requirements for cannabis oil equipment and cannabis oil systems using flammable materials found in Chapter 5 of the 2023 NEC.

- Identify changes in requirements for electrical construction and installation criteria in health care facilities.
- Describe new and changed requirements for agricultural buildings in Chapter 5 of the 2023 NEC.
- Identify changes to requirements for mobile homes, manufactured homes, and mobile home parks.
- Outline new requirements for RVs and RE parks.
- Identify updates, additions, and changes to Chapter 6 of the 2023 National Electrical Code.
- Describe new and changed requirements for branch circuits for car lights, machine rooms, controls rooms, machine spaces, control spaces and truss interiors.
- Outline new and changed requirements for electric vehicle power transfer systems found in Chapter 6 of the 2023 NEC.
- Define the change in scope for Article 626: Electrified Truck Parking Spaces.
- Explain the new and changed requirements for construction and installation of electrical wiring for swimming pools, fountains, and similar installations.
- Identify changed requirements for labeling of photovoltaic equipment floating on bodies of water and rapid shutdown of PV system circuits.
- Define the change in scope for Article 695: Fire Pumps.
- Identify updates, additions, and changes to Chapter 7 of the 2023 National Electrical Code.
- Outline new and changed requirements for emergency systems in Chapter 7 of the 2023 NEC.
- Define the changes in scope for Article 701: Legally Required Standby Systems.
- Identify changed requirements concerning signage and portable generators for optional standby systems found in Chapter 7 of the 2023 NEC.
- Describe new wiring requirements for Class 4 fault-managed power systems.
- Summarize the requirements for Class 1 power-limited circuits and Class 1 power-limited remote-control and signaling circuits covered in Article 724.
- Summarize the requirements for Class 2 and Class 3 power-limited circuits covered in Article 725.
- Outline revisions made to the listing requirements for energy management systems found in Chapter 7 of the 2023 NEC.

- Identify changed requirements for installation of circuits and supply-side overvoltage protection in fire alarm systems.
- Identify updates, additions, and changes to Chapter 8, Chapter 9, and the Annexes of the 2023 National Electrical Code.
- Describe changes in how Chapters 1 through 7 apply to Chapter 8 of the 2023 NEC.
- List changes to requirements for bonding conductors and grounding electrode conductors in buildings with and without grounding means.
- Identify new requirements for grounding or bonding of antenna systems.
- Outline new and changed requirements for network-powered broadband communication systems found in Chapter 8 of the 2023 NEC.
- Identify the update regarding measurement of nipples in Table 1 of Chapter 9 of the 2023 NEC.
- Outline new and changed requirements for conduits Annex C of the 2023 NEC.
- Summarize the information regarding use of medical electrical equipment in dwellings and residential board-and-care occupancies covered in Annex K of the 2023 NEC.

Reference Materials

NFPA 70 National Electrical Code 2023 Edition

Course Timed Syllabus

Attached

Method of Presentation

This online course presents each code section with commentary, a graphic illustration or photograph, and requires the participant to answer multiple choice questions after reviewing the content.

Schedule and Location

This course may be taken at any time at www.JadeLearning.com. The student may sign in and out of the course as many times as needed to complete the course.

Attendance Verification

This course employs an inactivity timer, which will automatically log a licensee out of the training if the system does not sense a mouse click within 30 minutes.

At the end of the course, the licensee must affirm their name, that they are the one who completed the course, and verify that their registration information is correct.

Method of Evaluation

The licensee must complete all 100 multiple choice questions with a score of at least 70% in order to get credit for the course. The course is also timed; participants will not get credit until they spend at least 400 active minutes in the course.

Online Review Access

To review this course, go to www.JadeLearning.com. Click on the orange Login button on the top right and sign into the learning system using the login information below.

Username: COEtester

Password: COEtester

Instructor(s)

Jerry Durham (resume attached)

Fee

\$85.00