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| **Course Name** | **2026 NEC Changes Part 1** |
| **Credit Hours** | 8 Hours |
| **Instructor(s)** | Jerry Durham |
| **Fee** | $95.00 |
| **Reference Materials** | 2026 Edition of the National Electrical Code |

**Course Description**

This course reviews the key updates in the 2026 National Electrical Code (NEC) across Chapters 1 through 4. Learners will examine major changes to code arrangement, Article 100 definitions, equipment installation and identification rules, load calculations, SPGFCI provisions, cannabis oil operations, and energy management systems. The course also highlights updated requirements for branch circuits, GFCI/AFCI protection, service equipment, wiring methods, conductor sizing, ampacity tables, raceways, wiring devices, and panelboards. By the end of this course, learners will understand how to apply the essential 2026 NEC revisions needed for safe and compliant electrical work.

**Learning Objectives**

At the completion of the course, licensees will be able to:

- Identify key new and revised definitions, articles, and organizational changes introduced in NEC Chapter 1.
- Describe how the updated code arrangement in 90.3 improves navigation of the 2026 NEC (Chapter 1).
- Explain revised equipment marking, reconditioned equipment rules, working space requirements, and “in-sight-from” provisions in Chapter 1.
- Calculate basic branch-circuit, feeder, and service loads using revised dwelling-unit and EVSE load rules in Chapter 1.
- Summarize the function of energy management systems and their updated requirements in Chapter 1.
- Identify revised requirements for grounded and ungrounded conductor identification in Chapter 2.
- Describe new and updated provisions for GFCI, SPGFCI, AFCI, and GFPE protection across dwelling and non-dwelling installations in Chapter 2.
- Explain updated rules for permissible loads, receptacle outlet placement, and lighting outlet locations in Chapter 2.
- Summarize service, feeder, overcurrent protection, and grounding/bonding changes for systems at and above 1000V in Chapter 2.

- Describe revised wiring method requirements, including physical protection, temperature considerations, and underground protection, in Chapter 3.
- Identify updated securing, supporting, and routing rules for cables and conductors, including those above suspended ceilings, in Chapter 3.
- Use updated conductor-sizing and ampacity tables (e.g., 310-series) to determine minimum conductor size and ampacity in Chapter 3.
- Explain updated requirements for NM cable, RMC, LFMC, PVC, and raceway-supported enclosures in Chapter 3.
- Identify updated requirements for switches, wiring devices, and fixture wires, including GFCI-related changes, in Chapter 4.
- Describe changes affecting switchboards, panelboards, industrial control panels, and appliances in Chapter 4.

**Equipment Requirements**

You must have an active, working internet connection to access this course online, as well as a platform to access the internet, such as a computer, tablet, or phone. All popular web browsers are supported, including Google Chrome, Mozilla Firefox, Safari, and Opera. No specialized software, speaker, microphone, or web camera is required.

**Schedule and Location**

This course is available online at any time at www.JadeLearning.com. Upon enrolling in the course, students will have access for 365 days or until the agency-issued course expiration date, whichever comes first. After the access expiration date, the course will be removed from the student's account, and any progress in the course will be lost. Before the access expiration date, the student may sign in and out of the course as many times as needed to complete the course.

**Student Support**

Both general and technical support is available to the student before, during, and after taking the course online. Students have access to general customer support via phone, chat, and email. Students have access to the course instructor via a contact form in the course and email. All questions, concerns, and comments received will be responded to within one business day.

**Participation/Interactivity Verification**

Inactivity Timer - Students are automatically logged out of the training after 15 minutes if the system does not sense interactivity (e.g., a mouse click or typing).

Timed Logs - Per our company's record retention policy, each student's every log-in, log-out, and lesson/assessment completion time is tracked and retained as part of the student record.

Global Timer - Students will not get credit until they spend a minimum of 480 active minutes total in the course.

## Identity Verification

Unique Username/Password - Each student that wants to complete a training course with us must create an account by registering a unique personal email address and password. The student must enter this unique identifier every time they want to access the course after logging out.

## Assessment Details

Quizzes - The student must complete all quizzes between sections with a score of at least 75% in order to get credit for the course. Students cannot progress in the course until each question has been answered and each quiz has been successfully passed.

# 2026 NEC Changes Part 1 Timed Outline

| Section | Title | Questions | Minutes |
|---|---|---|---|
| **Chapter One** | | | |
| Video | Introduction to the 2026 NEC, Overview | | |
| **1** | New Articles & Global Changes | | **4.0** |
| **2** | 90.3 Code Arrangement. | | **4.0** |
| **3** | 100 Definitions. Artificially Ventilated Room "v" | | **4.8** |
| **4** | 100 Definitions. Bonding Conductor, Grounding Electrode (Grounding Electrode Bonding Jumper). (Grounding Electrode Bonding Conductor) | | **4.8** |
| **5** | 100 Definitions. Cable, Limited-Energy. (Limited-Energy Cable) | | **4.8** |
| | **Chapter 1 Quiz** | **5** | |
| **6** | 100 Definitions. Cannabis Oil: Booths, Extraction, Post-Processing, and Preparatory Equipment and Systems. | | **4.8** |
| **7** | 100 Definitions. Ground-Fault Circuit Interrupter, Special Purpose Ground-Fault Circuit Interrupter (SPGFCI). | | **4.8** |
| **8** | 100 Definitions. Ground-Fault Circuit Interrupter, Special Purpose, Classes C, D, and E Devices | | **4.8** |
| **9** | 100 Definitions. Hand Fastened. | | **4.8** |
| **10** | 100 Definitions. Lampholder. | | **4.8** |
| | **Chapter 1 Quiz** | **5** | |
| **11** | 100 Definitions. Service Point, Communications. (Communications Service Point). | | **4.8** |
| **12** | 100 Definitions. Transformer Secondary Conductor | | **4.8** |
| **13** | 100 Definitions. Wiring Device. | | **4.8** |
| **14** | 110.3 (B) Examination, Identification, Installation, Use, and Listing (Product Certification) of Equipment. | | **4.9** |
| **15** | 110.10 Available Fault Current, Short-Circuit Current Ratings, and Other Characteristics | | **4.9** |
| | **Chapter 1 Quiz** | **5** | |
| **16** | 110.15 High-Leg Marking | | **4.9** |
| **17** | 110.16 Arc-Flash Hazard Marking. | | **4.9** |
| **18** | 110.17 Servicing of Equipment | | **4.9** |
| **19** | 110.20 Reconditioned Equipment | | **4.9** |
| **20** | 110.26 Spaces About Electrical Equipment. | | **4.9** |
| **21** | 110.26(A)(1) Depth of Working Space | | **4.9** |
| | **Chapter 1 Quiz** | **6** | |
| **22** | 110.29 In Sight From (Within Sight From, Within Sight) | | **4.9** |
| **23** | 110.31 Enclosure for Electrical Installations: Table 110.31 Minimum Distance from Fence to Live Parts. Over 1000 VAC, 1500VDC | | **4.9** |
| **24** | 110.34 Work Space and Guarding. Table 110.34(A) Minimum Working Space. Over 1000VAC, 1500VDC. | | **4.9** |
| **25** | 110.39 In Sight From (Within Sight From, Within Sight). Over 1000VAC, 1500VDC. | | **4.9** |
| **26** | 110.40 Electrical Connections. Over 1000VAC, 1500VDC. | | **4.9** |
| **27** | 110.75 Access to Manholes. | | **4.9** |
| | **Chapter 1 Quiz** | **6** | |
| **28** | 120 Branch-Circuit, Feeder, and Service Load Calculations. | | **4.9** |
| **29** | 120.41 Dwelling Units, Minimum Unit Load | | **4.9** |
| **30** | 120.57 Electric Vehicle Supply Equipment (EVSE) Load | | **4.9** |
| **31** | 120.82 Dwelling Unit. Optional Feeder and Service Load Calculations. | | **4.9** |
| **32** | 120.83 Existing Dwelling Unit (Calculations and Load Percentages). | | **4.9** |
| **33** | 130 Energy Management Systems | | **4.9** |
| | **Chapter 1 Quiz** | **6** | |
| **Chapter Two** | | | |
| **34** | 200.7(A)(9) Means of Identifying Grounded Conductors. Sizes 6 AWG or smaller | | **4.9** |
| **35** | 206 Non-Power-Limited Remote-Control and Signaling Circuits | | **4.9** |
| **36** | 210.5 (C)(1) Identification of Ungrounded Conductors. Branch Circuits Supplied from One Nominal Voltage System. | | **4.9** |
| **37** | 210.8 GFCI Protection. Exception (applicable to all installations) | | **4.9** |
| **38** | 210.8(A)(3) Ground-Fault Circuit-Interrupter Protection for Personnel. Accessory Buildings. | | **4.9** |
| | **Chapter 2 Quiz** | **5** | |
| **39** | 210.8(B) Exception 2. GFCI Protection for Personnel. Other than Dwellings. | | **4.9** |

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| **40** | 210.8(F) Exception No. 3 GFCI Protection for Personnel. Outdoor Outlets | | **4.9** |
| **41** | 210.12(B) Exception No. 2. Arc-Fault Circuit-Interrupter Protection. Dwelling Units. | | **4.9** |
| **42** | 210.12(E) Arc-Fault Circuit-Interrupter Protection. Branch Circuit Wiring Extensions, Modifications, or Replacements | | **4.9** |
| **43** | 210.13(B) Ground-Fault Protection of Equipment. Solidly Grounded dc Electrical Systems | | **4.9** |
| | **Chapter 2 Quiz** | **5** | |
| **44** | 210.23(A) Permissible Loads, Multiple-Outlet Branch Circuits. 10-Ampere Branch Circuits | | **4.9** |
| **45** | 210.52(A)(5) Dwelling Unit Receptacle Outlets. Prohibited Locations (Countertops versus Wall Space) | | **4.9** |
| **46** | 210.52(C)(4) Dwelling Unit Receptacle Outlets. Countertops and Work Surfaces. Prohibited Locations | | **4.9** |
| **47** | 210.63 Branch Circuits. Equipment Requiring Servicing | | **4.9** |
| **48** | 210.70 Lighting Outlets Required—Battery Operated Switches | | **4.9** |
| **49** | 210.70 (A)(1) Lighting Outlets Required. Dwelling Units. Laundry Areas | | **4.9** |
| | **Chapter 2 Quiz** | **6** | |
| **50** | 225.31 Outside Branch Circuits and Feeders. Disconnecting Means | | **4.9** |
| **51** | 230.62(C) Service Equipment—Enclosed or Guarded, and Barrier Placement | | **4.9** |
| **52** | 230.68 Exception. Services. Meter Socket | | **4.9** |
| **53** | 230.70 Service Equipment - Disconnecting Means. General | | **4.9** |
| **54** | 240.7 Overcurrent Protective Devices | | **4.9** |
| **55** | 240.24(E)Exception. Overcurrent Protection. Not Located in Bathrooms | | **4.9** |
| | **Chapter 2 Quiz** | **6** | |
| **56** | 245.6 Overcurrent Protection for Systems Rated Over 1000 Volts ac, 1500 Volts dc, Nominal. Adjustable Relays and Trip Units | | **4.9** |
| **57** | 250.122(H)(1)(b)(2) Size of Equipment Grounding Conductors. Conductors in Parallel—in Raceways, Auxiliary Gutters, or Cable Trays | | **4.9** |
| **58** | 265 Branch Circuits Over 1000VAC, 1500VDC, Nominal. | | **4.9** |
| **59** | 266 Feeders Over 1000VAC, 1500VDC, Nominal | | **4.9** |
| **60** | 268 Services Over 1000VAC, 1500VDC, Nominal | | **4.9** |
| **61** | 270 Grounding and Bonding of Systems over 1000VAC, 1500VDC, Nominal | | **4.9** |
| | **Chapter 2 Quiz** | **6** | |
| **Chapter Three** | | | |
| **62** | 300.1 General Requirements for Wiring Methods and Materials. Scope. | | **4.9** |
| **63** | 300.4(C) Damaged Conductors and Wiring Methods | | **4.9** |
| **64** | 300.6(E) Protection Against Physical Damage. Wiring Methods and Materials In or Under Roof Decking. | | **4.9** |
| **65** | 300.7(D)(3) Underground Installation. Protection From Damage. Service Conductors and Raceways. | | **4.9** |
| **66** | 300.9 Raceways Exposed to Different Temperatures. | | **4.9** |
| | **Chapter 3 Quiz** | **5** | |
| **67** | 300.13(B) Securing and Supporting. Wiring Systems Installed Above Suspended Ceilings. | | **4.9** |
| **68** | 300.13(E) Securing and Supporting. Cable Ties Used as Means of Securement and Support. | | **4.9** |
| **69** | 300.19(B) Number of Conductors and Cables in Raceway. Metric Designators and Trade Sizes. | | **4.9** |
| **70** | 300.24 General Requirements for Wiring Methods and Materials. Bends | | **4.9** |
| **71** | 300.25(C)(1) Wiring in Ducts Not Used for Air Handling (Environmental Air Spaces). | | **4.9** |
| **72** | 305 (Article 305) General Requirements for Wiring Methods and Materials (Over 1000VAC, 1500VDC). | | **4.9** |
| | **Chapter 3 Quiz** | **6** | |
| **73** | 310.4 [Table 310.4(1)]. Conductor Construction and Applications (Insulations Rated 600 Volts). | | **4.9** |
| **74** | 310.5(A) Conductors for General Wiring. Minimum Size of Conductors (Part I). | | **4.9** |
| **75** | 310.5(A) Conductors for General Wiring. Minimum Size of Conductors (Part II). | | **4.9** |
| **76** | 310.6(B) Conductor Identification. Conductors Rated 1001 Volts through 2000 Volts | | **4.9** |
| **77** | 310.10(D)(3) Conductors for General Wiring. Conductors Exposed to Direct Sunlight. | | **4.9** |
| | **Chapter 3 Quiz** | **5** | |
| **78** | 310.12 Single-Phase Dwelling Services and Feeders. | | **4.9** |
| **79** | 310.14(A)(2) Ampacities for Conductors 0 Volts to 2000 Volts. Selection of Ampacity. | | **4.9** |
| **80** | 310.15(C)(1) Ampacity Tables. Adjustment Factors—More than Three Current Carrying Conductors. | | **4.9** |
| **81** | 310.16 [Table 310.16]. Ampacities of Insulated Conductors in Raceway, Cable, or Earth (Directly Buried). | | **4.9** |
| **82** | 312.11(A)(5) Switch and Overcurrent Protective Device (OCPD) Enclosures. Splices, Taps, and Feed-Through Conductors. | | **4.9** |

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| | **Chapter 3 Quiz** | **5** | |
| **83** | 314.23(E)&(F) Raceway-Supported Enclosures With or Without Devices, Luminaires, or Lampholders. | | **4.9** |
| **84** | 334.10 Exception to 3. Nonmetallic-Sheathed Cable. Uses Permitted | | **4.9** |
| **85** | 334.12 Nonmetallic-Sheathed Cable (Romex). Uses Not Permitted | | **4.9** |
| **86** | 334.24 Nonmetallic-Sheathed Cable (Romex). Bending Radius | | **4.9** |
| **87** | 334.30 Nonmetallic-Sheathed Cable (Romex). Securing and Supporting | | **4.9** |
| **88** | 334.104 Nonmetallic-Sheathed Cable (Romex). Construction Specifications | | **4.9** |
| | **Chapter 3 Quiz** | **6** | |
| **89** | 336.30 Power and Control Tray Cable: Type TC. Securing and Supporting | | **4.9** |
| **90** | 344.10 Rigid Metal Conduit (RMC). Uses Permitted | | **4.9** |
| **91** | 344.29 Rigid Metal Conduit (RMC). Terminations | | **4.9** |
| **92** | 350.10(5) Liquidtight Flexible Metal Conduit (LFMC). Uses Permitted | | **4.9** |
| **93** | 352.20(B) Rigid Polyvinyl Chloride Conduit (PVC). Maximum Size | | **4.9** |
| | **Chapter 3 Quiz** | **5** | |
| **Chapter Four** | | | |
| **94** | 402.5 Ampacities for Fixture Wires. | | **4.9** |
| **95** | 404.1 Switches. Scope | | **4.9** |
| **96** | 406.1 Wiring Devices [Formerly Known as Receptacles, Cord Connectors, and Attachment Plugs (Caps)]. Scope | | **4.9** |
| **97** | 406.12(D)(3) Wiring Devices [Formerly Known as Receptacles, Cord Connectors, and Attachment Plugs (Caps)] - Replacement - GFCI Protection | | **4.9** |
| **98** | 406.14(G)(3) Wiring Devices [Formerly Known as Receptacles, Cord Connectors, and Attachment Plugs (Caps)]. Receptacle Mounting. Receptacle Orientation. | | **4.9** |
| **99** | 406.40 Wiring Devices [Formerly Known as Receptacles, Cord Connectors, and Attachment Plugs (Caps)]. General-Use Snap Switches, Dimmers, and Control Switches, Faceplates or Cover Plates Incorporating Night Lights, USB Chargers, or Both | | **4.9** |
| | **Chapter 4 Quiz** | **6** | |
| | **Totals:** | **99** | **482** |
| | **Student Minimum Time Required:** | | **480** |