



Course Name	2026 NEC Changes Part 2
Credit Hours	8 Hours
Instructor(s)	Jerry Durham
Fee	\$85.00
Reference Materials	2026 Edition of the National Electrical Code

Course Description

This course reviews key updates in the 2026 National Electrical Code (NEC) across Chapters 4 through 9. Learners will learn major changes affecting appliances, HVAC equipment, motors, generators, stationary batteries, hazardous locations, cannabis oil systems, commercial garages, marinas, and health care facilities. The course also highlights important revisions to elevators, manufactured wiring systems, EV power transfer systems, swimming pools, PV systems, fire pumps, emergency systems, standby systems, and limited-energy and communications circuits. By the end of this course, learners will understand the essential 2026 NEC revisions required for safe and compliant electrical work.

Learning Objectives

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

- Explain revised listing, nameplate, and conductor ampacity requirements for heating equipment, HVAC systems, and generators in Chapter 4.
- Summarize updated requirements for stationary batteries and grounding of battery stands in Chapter 4.
- Describe updated protection techniques, bonding rules, and occupancy classifications in hazardous (classified) locations covered in Chapter 5.
- Explain new rules for EV power transfer in commercial garages and cannabis oil equipment installations in Chapter 5.
- Summarize health care facility updates, including wet procedure locations, essential electrical systems, and life-safety branch requirements in Chapter 5.
- Identify updated requirements for recreational vehicles, marinas, boatyards, and floating structures in Chapter 5.
- Describe key changes to signs, manufactured wiring systems, cranes/hoists, and elevators in Chapter 6.
- Explain updated requirements for ESVSEs and EV power transfer systems, including markings, cords, disconnects, and qualified-person standards in Chapter 6.
- Summarize updated requirements for swimming pools and similar installations, including GFCI/SPGFCI protection, luminaires, and equipotential bonding in Chapter 6.

- Identify updated provisions for PV systems and fire pumps in Chapter 6.
- Describe revised requirements for emergency systems, temporary power sources, commissioning, and transfer-equipment bypass/isolation in Chapter 7.
- Explain updated wiring, fire-protection, and emergency-lighting rules in Chapter 7.
- Summarize revised standby system requirements, including surge protection and outdoor generator sets in Chapter 7.
- Identify updated rules for limited-energy cable routing, raceways, and trays in Chapter 7.
- Identify revised scope, listing requirements, and cable rules for communications systems entering buildings in Chapter 8.
- Describe updated requirements for overhead, underground, and unlisted cables in communications systems in Chapter 8.
- Explain antenna system safety requirements and broadband cable entry provisions in Chapter 8.
- Locate and interpret Chapter 9 tables - especially Table 13 - to determine equipment suitability for hazardous locations.
- Explain Annex B.8 medium-voltage cable shield correction factors and Annex D load-calculation examples.

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.TradesmanCE.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 2 Timed Outline

Section	Title	Questions	Minutes
Chapter Four			
Video	Introduction to the 2026 NEC, Overview		
1	406.40(D) 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
2	408.6 Switchboards, Switchgear, and Panelboards. Short-Circuit Current Rating.		4.9
3	408.10 Switchboards, Switchgear, and Panelboards—Identification.		4.9
4	409.23 Industrial Control Panels. Source(s) of Supply.		4.9
5	422.12 Appliance. Central Heating Equipment.		4.9
	Chapter 4 Quiz	5	
6	424.2 Fixed Electric Space-Heating Equipment. Listing Requirements.		4.9
7	424.3 Fixed Electric Space-Heating Equipment. Reconditioned Equipment.		4.9
8	426 Fixed Outdoor Electric Deicing and Snow-Melting Equipment. Part VI. Conductive Pavement Heating Systems.		4.9
9	430.22(H) Single Motors. Design BE and CE Motors.		4.9
10	430.24 Exception No. 4. Several Motors or a Motor(s) and Other Load(s).		4.9
11	440.2 Air-Conditioning and Refrigerating Equipment. Listing Requirements.		4.9
	Chapter 4 Quiz	6	
12	440.4(A) Air-Conditioning and Refrigerating Equipment. Hermetic Refrigerant Motor-Compressor Nameplate.		4.9
13	440.14 Air-Conditioning and Refrigerating Equipment. Location.		4.9
14	440.15 Air-Conditioning and Refrigerating Equipment. Split-System Indoor Unit Identification.		4.9
15	445.13 Generators. Conductors - Minimum Ampacity and Size.		4.9
16	480.2 Stationary Batteries. Listing Requirements.		4.9
17	480.8 Grounding of Battery Stands and Conductive Cases.		4.9
	Chapter 4 Quiz	6	
Chapter Five			
18	500 Chapter 5 Title Change: Specific Occupancies and Locations.		4.9
19	500.5(D)(1) Hazardous (Classified) Locations. Class III Division 1 locations.		4.9
20	500.7 Hazardous (Classified) Locations. Protection Techniques.		4.9
21	500.30 Bonding in Hazardous (Classified) Locations.		4.9
22	501.3 Class I Hazardous (Classified) Locations. Reconditioned Equipment.		4.9
23	505.8(Q) Zone 0, 1, and 2 Locations. Protection Techniques. Artificially Ventilated Room "v".		4.9
	Chapter 5 Quiz	6	
24	511.10(B)(3) Commercial Garages, Repair and Storage. Electric Vehicle Power Transfer System. Connections to Electric Vehicles.		4.9
25	512.3 Cannabis Oil Equipment and Cannabis Oil Systems Using Flammable Materials.		4.9
26	512.6 Cannabis Oil Equipment and Cannabis Oil Systems Using Flammable Materials. Prohibited Locations.		4.9
27	514.11 Motor Fuel Dispensing Facilities. Circuit Disconnects.		4.9
28	517.4 Health Care Facilities. Electrical Service.		4.9
29	517.20(A)(3) Health Care Facilities. Wet Procedure Locations.		4.9
	Chapter 5 Quiz	6	
30	517.42 Health Care Facilities. Essential Electrical Systems—Selective Coordination.		4.9
31	517.43(A)(7) Health Care Facilities. Automatic Connection to Life Safety branch.		4.9
32	551.32 Recreational Vehicles and Recreational Vehicle Parks. Other Sources. Labeling of Inverters.		4.9
33	551.40(D) Recreational Vehicles and Recreational Vehicle Parks. Grounding Monitor Interrupter (GMI).		4.9
34	555.9 Marinas, Boatyards, Floating buildings, and Docking Facilities. Engineered Design.		4.9
35	555.35(F) Marinas, Boatyards, Floating buildings, and Docking Facilities. Coordination and Performance Testing.		4.9
	Chapter 5 Quiz	6	
Chapter Six			
36	600 Chapter 6 Title Change: Specific Equipment.		4.9

37	600.6(A)(2) Electric Signs and Outline Lighting. Disconnects. Within Sight of the Sign.		4.9
38	604.100(A) Manufactured Wiring Systems. Wiring Methods.		4.9
39	610.4 Cranes and Hoists. Special Requirements for Particular Locations.		4.9
40	620.21(A)(1) Elevators. Hoistways and Pits.		4.9
	Chapter 6 Quiz	5	
41	620.21(A)(3) Elevators. Within Machine Rooms, Control Rooms, and Machinery Spaces and Control Spaces.		4.9
42	620.22(A)(1) Elevators. Car Light Receptacles, Auxiliary Lighting, and Ventilation. Separate Branch Circuit.		4.9
43	620.51(A) Exception No. 3. Elevators, Dumbwaiters, etc. Disconnecting Means.		4.9
44	620.51(E) Elevators, Dumbwaiters, etc. Surge Protection.		4.9
45	620.62 Elevators, Dumbwaiters, etc. Selective Coordination.		4.9
	Chapter 6 Quiz	5	
46	624 Electric Self-Propelled Vehicle Power Transfer Systems (ESVSEs).		4.9
47	625.4 Electric Vehicle Power Transfer System. Qualified Person.		4.9
48	625.5 Electric Vehicle Power Transfer System. Field Markings.		4.9
49	625.17(A) Electric Vehicle Power Transfer System. Power-Supply Cord.		4.9
50	625.43 Electric Vehicle Power Transfer System. Disconnecting Means.		4.9
	Chapter 6 Quiz	5	
51	625.44 Electric Vehicle Power Transfer System. Equipment Connection.		4.9
52	626.32 Electrified Truck Parking Spaces. Power Supply Cable Assembly.		4.9
53	645.27 Information Technology Equipment. Selective Coordination.		4.9
54	680.5(B) Swimming Pools, Fountains, and Similar Installations. GFCI and SPGFCI Protection. 150 Volts or Less to Ground.		4.9
55	680.12(B) Swimming Pools, Fountains, and Similar Installations. Equipment Rooms, Vaults, and Pits. Receptacles.		4.9
	Chapter 6 Quiz	5	
56	680.14 Swimming Pools, Fountains, and Similar Installations. Corrosive Environments.		4.9
57	680.21(D) Swimming Pools, Fountains, and Similar Installations. Pool Pump Motor Replacement, Reconditioning, or Repair.		4.9
58	680.22(D) Swimming Pools, Fountains, and Similar Installations. Lighting, Receptacles, and Equipment. Portable Signs.		4.9
59	680.23(B)(2)(b) Swimming Pools, Fountains, and Similar Installations. Underwater Luminaires.		4.9
60	680.26(B)(1)&(2) Swimming Pools, Fountains, and Similar Installations. Equipotential Bonding—40% Copper-Clad Steel.		4.9
61	680.26(B)(5)(4) Swimming Pools, Fountains, and Similar Installations. Equipotential Bonding—Metal Fittings and Metal Structures.		4.9
	Chapter 6 Quiz	6	
62	680.30(B) Swimming Pools, Fountains, and Similar Installations. Additional Requirements.		4.9
63	690.7(D) Solar Photovoltaic (PV) Systems. Maximum dc Voltage. Marking dc PV Circuits.		4.9
64	690.31(B)(1) Solar Photovoltaic (PV) Systems. Conductors of Different Systems.		4.9
65	690.43(E) Solar Photovoltaic (PV) Systems. Flexible Equipment Grounding and Bonding Conductors Connected to Moving Parts of PV Arrays.		4.9
66	695.7(A)(2) Fire Pumps. Supply Conductors. Feeders.		4.9
67	695.14(F) Fire Pumps. Generator Control Wiring Methods.		4.9
	Chapter 6 Quiz	6	
Chapter Seven			
68	700 Chapter 7 Title Change: Specific Conditions and Systems.		4.9
69	700.1 Emergency Systems. Scope.		4.9
70	700.4 Commissioning and Servicing.		4.9
71	700.4(F)(8) Emergency Systems. Temporary Source of Power During Servicing (Equal Protection).		4.9
72	700.4(F)(9) Emergency Systems. Temporary Source of Power During Servicing (Switching Separately Derived Systems).		4.9
73	700.4(F)(10) Emergency Systems. Temporary Source of Power During Servicing - Section 700.10(D)(4)(B).		4.9
	Chapter 7 Quiz	6	
74	700.6(C) Emergency Systems. Bypass and Isolation of Transfer Equipment.		4.9

75	700.10(B) Emergency System. Wiring.		4.9
76	700.10(D)(1) Emergency System. Fire Protection. Occupancies.		4.9
77	700.10(D)(2) Emergency System. Fire Protection. Feeder-Circuit Wiring.		4.9
78	700.11 Emergency System. Wiring, Class 2 and Class 4 Powered Emergency Lighting Systems.		4.9
79	700.12(G) Emergency System. Battery-Equipped Emergency Luminaires.		4.9
	Chapter 7 Quiz	6	
80	700.24 Emergency System. Luminaires with Control Inputs that Provide Emergency Illumination.		4.9
81	701.4(C),(D), and (E) Legally Required Standby Systems. Commissioning and Servicing.		4.9
82	701.6(C) Legally Required Standby Systems. Bypass and Isolation of Transfer Equipment.		4.9
83	701.9 Legally Required Standby Systems. Surge Protection.		4.9
84	701.12(C)(3) Legally Required Standby Systems. General Requirements. Outdoor Generator Sets.		4.9
85	722 Limited-Energy Cables for Power-Limited Circuits, Fault-Managed-Power Circuits, Optical Fiber Circuits, and Communications Circuits.		4.9
86	723 Raceways, Cable Routing Assemblies, and Cable Trays for Limited-Energy Systems.		4.9
	Chapter 7 Quiz	7	
Chapter Eight			
87	800.1 General Requirements for Communications Systems Outside and Entering Buildings. Scope.		4.9
88	800.2 General Requirements for Communications Systems Outside and Entering Buildings. Listing.		4.9
89	800.44 Communications Systems. Overhead (Aerial) Wires and Cables.		4.9
90	800.47 Communications Systems. Underground Systems Entering Buildings.		4.9
	Chapter 8 Quiz	4	
91	800.48 Communications Systems — Unlisted Cables Entering Buildings.		4.9
92	810.13 Antenna Systems (Outside). Avoidance of contact with conductors of other systems.		4.9
93	830.2 Network-Powered Broadband Communications Systems. Listing Requirements.		4.9
94	830.47 Underground Network-Powered Broadband Communications Cables Entering Buildings.		4.9
	Chapter 8 Quiz	4	
Chapter Nine and Annexes			
95	9 Tables (Chapter 9) Table 13. Equipment Suitable for Hazardous (Classified) Locations.		4.0
96	Annex A, Table A.1(1) Informational References. NFPA Standards Referenced in NEC.		4.0
97	Annex B.8. Medium Voltage Cable Shield Current Correction Factor.		4.0
98	Annex D, Example D14 Grounded Service Conductor.		4.0
99	Annex D, Example D15 Load Calculations Using Power Control Systems (PCSs).		4.0
100	Annex L (New), Proposed Organization of the 2029 National Electrical Code.		4.0
	Chapter 9 and Annexes Quiz	6	
	Totals:	100	485
	Student Minimum Time Required:		480