

Utah 2026 NEC 16-Hour Renewal Course (Code Changes and 70e Safety)



Provider Information

Provider

Mike Holt Enterprises

Instructor

Mike Holt

Email

ceuonline@mikeholt.com

General Information

Course Description

This course is based on the content from *Mike Holt's Illustrated Changes to the 2026 NEC* textbook and video program and the NFPA 70e, 2024 Edition. It provides students with a comprehensive overview of the significant changes to the NEC as well as the rules in the NFPA 70e.

Expectations and Goals

The format of the course is designed to encourage constant interaction with the student. This course provides students with pages of text and graphics followed by a question related to that material. This provides immediate application of the content learned. This format keeps students actively engaged in their learning through the entirety of the course.

Student Interaction

Our online course provides the student with the ability to send questions about the course and content to Mike Holt and our CEU department 24 hours a day through our "Submit a Question" and "Report an Error" section. During normal business hours (8:30am to 5:00pm EST) all calls are answered by customer service and questions that are emailed to the department are always responded to and resolved within 2 hours during normal business hours. Questions that are emailed while the office is closed are addressed within 6-8 hours.

Course Materials

Required Materials

Students are required to have a computer and reliable internet connection to properly use our online courses. Our courses are optimized to perform on Firefox or Google Chrome.

Students are not required to purchase any additional training materials, such as textbooks.

Methods of Presentation

Text

The course utilizes text and full-color illustrations to help you visualize the change and safety requirements in practical use. You will review author's comments & analysis, cautions regarding possible conflict or confusing NEC requirements, tips on proper electrical installations, and warnings of dangers related to improper electrical installations.

Contact Us:

www.mikeholt.com/ceu | 888-632-2633 | ceuonline@mikeholt.com

Quiz Questions

Student comprehension is tested immediately with page or video level questions. They must pass these quizzes with a 75% or better to receive credit for this course.

Video

Videos are provided throughout the program to help a student review the topic in depth if needed. The videos correspond with the course outline. Our videos showcase a dynamic classroom type training with Mike and his panel of experts dissecting the changes, their impact, and how they will translate and apply in the field. These videos allow for our instructors to clarify the meaning of the change and to provide an in-depth analysis of the background information.

Course Security

Affidavits

Students will be required to electronically sign the following affidavit when taking this online course:

I hereby certify that I am the person completing the following course (Name of Course) and that I will complete this course completely on my own. By entering my name below, I am ensuring I am the student who is enrolled in and completing this course

Course Timer

Our courses track all student progress and has a built-in timer. We require students to be engaged in the course for a minimum of 50 minutes per credit hour. Students will not be able to receive credit unless they have met the minimum time requirement for this course. Students can track their time remaining by viewing the course timer while they are logged into the course.

Student Computer

Students will not be allowed to be logged into multiple computers at once while completing our courses. Students will only be able to log into one computer to successfully take the course.

Inactivity Timer

Students will automatically be logged out of the course after 30 minutes of inactivity.

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Course Topics

Topics

Module Details

2026 NEC Significant Changes for Electricians

Section Time: 12 Hours

Chapter 1 - General Rules

Article 110 - General Requirements for Electrical Installations

- 110.3 Use of Equipment
- 110.15 High-Leg Conductor Identification
- 110.16 Arc-Flash Hazard Marking, Other Than Dwelling Units
- 110.26 Spaces Around Electrical Equipment
- 110.29 In Sight From (Within Sight From, Within Sight)

Article 120 - Branch-Circuit, Feeder, and Service Load Calculations

- 120.5 Calculations
- 120.6 Noncoincident Loads
- 120.7 Power Control Systems (PCS)
- 120.41 Dwelling Unit(s), Load Calculation
- 120.54 Dwelling Unit Clothes Dryer Demand Load
- 120.57 Electric Vehicle Supply Equipment Load
- 120.82 Optional Load Calculations
- 120.83 Existing Dwelling Unit Optional Load Calculation

Article 130 - Energy Management Systems

- 130.2 Listing Requirements
- 130.50 General
- 130.60 Conductors and Equipment
- 130.70 Settings
- 130.80 Marking and Documentation

Estimated time:
160 minutes
Format:
Video, Text & Questions

Chapter 2 -Wiring and Protection

Article 210 - Branch-Circuits

- 210.5 Conductor Identification
- 210.8 GFCI Protection
- 210.12 Arc-Fault Circuit-Interrupter Protection
- 210.52 Dwelling Unit Receptacle Outlets
- 210.63 Equipment Requiring Servicing
- 210.70 Lighting Outlet Requirements

Article 215 -Feeders

- 215.12 Conductor Identification
- 215.18 Surge Protection

Article 225 - Outside Branch Circuits and Feeders

- 225.31 Disconnecting Means
- 225.41 Emergency Disconnect

Estimated Time Spent:
120 minutes
Format:
Video, Text & Questions

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Topics

Module Details

Article 230 - Services

- 230.46 Spliced and Tapped Connections
- 230.62 Service Equipment—Barrier Placement
- 230.67 Surge Protection
- 230.70 Service Disconnect Requirements
- 230.82 Connected on Supply Side of the Service Disconnect

Article 240 - Overcurrent Protection

- 240.6 Standard Ampere Ratings
- 240.24 Location of Overcurrent Protective Devices

Article 242 - Overvoltage Protection (SPD)

- 242.13 Type 1 Surge-Protective Device (SPD)—Supply Side of Service Equipment

Chapter 3 - Wiring Methods and Materials

Article 310 - Conductors for General Wiring

- 310.12 Dwelling Services and Feeders
- 310.14 Ampacities for Conductors
- 310.15 Ampacity Tables

Article 330 - Metal-Clad Cable (MC Cable)

- 330.2 Listing Requirements
- 330.30 Securing and Supporting

Article 334 - Nonmetallic-Sheathed Cable (NM Cable)

- 334.2 Listing Requirements
- 334.10 Uses Permitted
- 334.12 Uses Not Permitted
- 334.24 Bending Radius
- 334.30 Securing and Supporting

Article 338 - Service-Entrance Cable (SE and USE Cable)

- 338.2 Listing Requirements
- 338.24 Bending Radius

Article 344 - Intermediate Metal Conduit (IMC)/Rigid Metal Conduit (RMC)

- 344.29 Paired Locknuts

Estimated Time Spent:

90 minutes

Format:

Video, Text & Questions

Chapter 4 - Equipment for General Use

Article 406 - Wiring Devices

- 406.10 Wiring Device Terminations
- 406.26 Tamper-Resistant Receptacles

Article 440 - Air-Conditioning and Refrigeration Equipment

- 440.15 Split-System Disconnect Identification

Article 450 - Transformers

Estimated Time Spent:

40 minutes

Format:

Video, Text & Questions

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Topics	Module Details
450.12 Grounding and Bonding	
Chapter 5 - Special Occupancies Article 555 - Marinas, Boatyards, and Docking Facilities 555.2 Listing Requirements 555.9 Engineered Design 555.13 Non-Current-Carrying Metal Parts Bonding 555.14 Equipotential Planes and Bonding of Equipotential Planes 555.15 Equipment Servicing and Replacing 555.33 Receptacles 555.35 GFPE and GFCI Protection	Estimated Time Spent: 40 minutes Format: Video, Text & Questions
Chapter 6 - Special Equipment Article 624 - Electric Self-Propelled Vehicle—Power Transfer Systems 624.2 Listing Requirements 624.40 ESVSE Branch Circuits 624.41 Overcurrent Protection 624.42 Rating 624.43 Disconnecting Means 624.48 Interactive Equipment 624.49 Island Mode 624.52 Ventilation 624.54 GFCI Protection 624.56 Receptacle Enclosures Article 625 - Vehicle Power Transfer System 625.4 Qualified Persons 625.5 Field Markings 625.41 Continuous Loads 625.42 Rating 625.43 Disconnecting Means 625.44 Equipment Connections 625.54 GFCI and SPGFCI Article 680 - Swimming Pools, Spas, Hot Tubs, and Fountains 680.5 GFCI and SPGFCI Protection 680.12 Equipment Rooms, Vaults, and Pits 680.21 Pool Motors 680.22 Receptacles, Luminaires, and Switches 680.26 Equipotential Bonding 680.32 GFCI and SPGFCI Protection 680.58 GFCI or SPGFCI Protection of Receptacles 680.71 Branch Circuit	Estimated Time Spent: 120 minutes Format: Video, Text & Questions

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Topics	Module Details
Chapter 7 - Special Conditions Article 702 - Optional Standby Systems 702.4 Capacity and Rating 702.7 Signs Article 722 - Limited-Energy Cables 722.2 Limited-Energy Cable Listings 722.150 Class 4 Circuit Cables 722.152 Installation and Wiring Methods for Class 4 Circuit Cables	Estimated Time Spent: 30 minutes Format: Video, Text & Questions
NFPA 70e, 2024 Edition, Electrical Safety Updates	Section Time: 4 Hours
Article 90 - Introduction 90.1 - Scope 90.2 - Purpose 90.3 - Workplaces Covered and Not Covered 90.4 - Standard Arrangement 90.5 - Mandatory Rules, Permissive Rules, and Explanatory Material 90.6 - Formal Interpretations	Estimated Time Spent: 60 minutes Format: Video, Text & Questions
Chapter 1 - Safety-Related Work Practices Article 100 - Definitions Article 105 - Application of Safety-Related Work Practices and Procedures Article 110 - Electrical Safety-Related Work Practices Article 120 - Establishing and Electrically Safe Work Condition Article 130 - Work Involving Electrical Hazards	Estimated Time Spent: 65 minutes Format: Video, Text & Questions
Chapter 2 - Safety-Related Maintenance and Integrity Article 200 - Introduction Article 205 - General Maintenance Requirements Article 210 - Switchgear, Switchboards, Panelboards, Motor Control Centers, and Disconnect Switches Article 215 - Premises Wiring Article 225 - Fuses and Circuit Breakers Article 230 - Rotating Equipment Article 235 - Hazardous (Classified) Locations Article 240 - Batteries and Battery Rooms Article 245 - Portable Electric Tools and Equipment Article 250 - Personal Safety and Protective Equipment	Estimated Time Spent: 75 minutes Format: Video, Text & Questions

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Important Disclaimer

The estimated time spent is based on data collected from thousands of students completing our apprenticeship and CEU programs and additionally supported by educational organizations calculations for average for students reading technical material. Based on our data and research, we've determined students spend on average 2-6 minutes per page and question. Reference:

<https://catalog.shepherd.edu/mime/media/12/913/SU+Credit+Hour+Policy+Appendix+B.pdf>

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Charles (Mike) Michael Holt

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SUMMARY OF QUALIFICATIONS

Mike has taught over 1,000 classes on over 40 different electrical related subjects to over 20,000 students. He is committed to the electrical industry and is recognized as one of America's most knowledgeable electrical educators. He has worked his way up the trade from Apprentice Electrician, Journeyman Electrician, Master Electrician, Electrical Inspector, Electrical Contractor, Electrical Designer and developer of training programs for the electrical industry.

- More than 40 years' experience as a technical instructor. Skills include:

Curriculum Development	Individual and Large Group Training
Technical Expertise	Continuing Education
Publishing	Business Management & Growth

EXPERIENCE

President and CEO of Mike Holt Enterprises of Leesburg, Inc. 1975 - Present

Instructor

- Approved instructor in over 30 state electrical and construction boards in the U.S.
 - *Covering NEC® Changes, Electrical Theory, Grounding vs. Bonding, Solar Photovoltaic Systems, Limited Energy/Low Voltage, Understanding the NEC®, Train the Trainer, and Business Skills*
- Key Instructor for EC&M multiple annual seminars since 2000
- Created and taught an Electrical Train the Trainer program at the IEC National convention
- Taught an Electrical Train the Trainer workshop from 2000 - 2008
- Taught Exam Preparation at the local and state level since 1975.
- Instructed multiple seminars for the following Industry Organizations
 - NECA
 - GENERAC
 - IAEI
 - IBEW
 - ICBO
 - IBM
 - Boeing
 - Motorola
 - AT&T

Author

- Developed and authored multiple editions of the following titles that are sold to individuals and to electrical apprenticeship programs nationally.
 - *Understanding the National Electrical Code Volume 1 & 2*
 - *Basic Electrical Theory*
 - *Electrical Exam Preparation*
 - *Changes to the NEC®*
 - *Essential Rules of the NEC®*
 - *Power Quality*
 - *Limited Energy & Communication Systems*
 - *NEC Requirements for Grounding vs. Bonding*
 - *NEC Requirements for Solar Photovoltaic Skills*
 - *Business Management Skills*
 - *Electrical Estimating*
- Created Homestudy Training Programs for Exam Preparation, Code Training, Theory, and more.
- Current Code Writer for Electrical Construction & Maintenance Magazine, EC&M
- Wrote articles for top industry magazines and organizations
 - Electrical Design and Installation Magazine, EDI
 - Solar Pro Magazine
 - IEC Magazine
 - Electrical Contractor
 - CEE News
 - Electrical Contractor, EC
 - International Association of Electrical Inspectors, IAEI
 - The Electrical Distributor, TED
 - Power Quality Magazine, PQ
 - Electrical Construction & Maintenance Magazine, EC&M
- Designed Electrical Estimating Software that was sold nationally

Independent author for Leviton – 2000 – 2008

- Code Training book

Independent author for Delmar Publishers – 1999 – 2002

- Understanding the National Electrical Code
- Basic Electrical Theory
- Electrical Estimating

President and Founder of Electrical Contracting firm – Mike & Co., 1974 - 1980

- *Residential and Commercial Work*

Educational Background

- Studied Business Administration, M.B.A., University of Miami

State Licenses

- Electrical Contractor, State of North Carolina, L.25602 1999 - Present
- Electrical Administrator, State of Washington, HOLT*M*870RS 2013 - Present

CERTIFICATE OF COMPLETION

Mike Holt Enterprises hereby certifies that

Sample Student

Student State License Number

has successfully completed the

Title of Course

January 1, 2024



MikeHolt.com | 888.632.2633



Charles "Mike" Holt, Sr.
Certified Instructor

Final Score:

Course Hours:

Certificate No:

Course Approval No.

State Provider No.