



## NFPA 70e, 2024 Edition, Electrical Safety Updates Online Course

### Provider Information

Provider	Instructor	Email
Mike Holt Enterprises	Mike Holt	ceuonline@mikeholt.com

### General Information

#### Course Description

This course is based on the content from NFPA 70e, 2024 Edition. The goal of this online course is to help the student understand the rules in the NFPA 70e, from appropriate workspace clearances to PPE, we'll help the student ensure their safety and the safety of others when working with electricity by fully understanding and adhering to the guidelines and requirements set forth.

#### 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.

Contact Us:

[www.mikeholt.com/ceu](http://www.mikeholt.com/ceu) | 888-632-2633 | [ceuonline@mikeholt.com](mailto:ceuonline@mikeholt.com)

## 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.

### 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

Optional course 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

Module	Topics	Estimated Time Spent	Presentation
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	60 minutes	Text
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	65 minutes	Text
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	75 minutes	Text

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## Charles (Mike) Michael Holt

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888-632-2633 – [Mike@MikeHolt.com](mailto:Mike@MikeHolt.com)

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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.



**Mike Holt Enterprises, Inc.**

888.NEC.CODE (632.2633) [www.MikeHolt.com](http://www.MikeHolt.com)

## Course Materials

Courses are accessed through our online course portal, The Capacitor. This program requires a unique login to access the courses. If you need access to test the program, please email [ceuonline@mikeholt.com](mailto:ceuonline@mikeholt.com) with the email address you'd like to use as your log in. We will set up the account and test courses in our system immediately.