



<b>Course Name</b>	<b>Electrical Safety (NFPA 70E 2024) Part 2</b>
<b>Credit Hours</b>	4 Hours
<b>Instructor(s)</b>	Jerry Durham
<b>Fee</b>	\$49.00
<b>Reference Materials</b>	NFPA 70E Standard for Electrical Safety in the Workplace 2024 Edition

### **Course Description**

A comprehensive guide to understanding the second half of the 2024 NFPA 70E Standard for Electrical Safety in the Workplace electrical safety rules and requirements. The 2024 NFPA 70E publication and this course are consistent with NFPA requirements from the 2023 NFPA 70 National Electrical Code (NEC). This course introduces users to the arrangement of NFPA 70E and the scope of its articles promoting safe work practices for employees working around electricity in the capacity of general electrical equipment installation and service, electrical equipment maintenance, and work on electrical equipment deemed Special Equipment by NFPA 70E.

### **Learning Outcomes**

At completion of this course, licensees can expect to be able to:

- Understand the types of personal protective equipment (PPE) and that maintenance or inspection of PPE is required at regular intervals.
- Understand maintenance requirements for covers and their fasteners that protect workers from electrical wiring and parts.
- Understand maintenance requirements for rotating equipment, terminal boxes, terminal chambers, and enclosures.
- Be familiar with battery and battery room safety.
- Understand risk assessment and its value for promoting safety on the job site.
- Explain that special electrical equipment is recognized and covered by NFPA 70E and that electrical equipment deemed special by NFPA 70E has dedicated NFPA 70E requirements for worker's safety.
- Be familiar with Informative Annex lists provided by NFPA 70E as helpful information but not as part of the NFPA 70E Standard.

## **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](http://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 240 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.

## Electrical Safety (NFPA 70E 2024) Part 2 Timed Outline

Section	Title	Questions	Minutes
<b>1</b>	<b>Article 130.7(D)-130.9</b>		<b>30</b>
	NFPA 70E-2024 Section 130.7(D)		
	NFPA 70E-2024 Section 130.8 (A) - (D)		
	NFPA 70E-2024 Section 130.8(E)—(N)		
	NFPA 70E-2024 Section 130.8(O)		
	NFPA 70E-2024 Section 130.9		
	Quiz	<b>10</b>	<b>10</b>
<b>2</b>	<b>Article 200-225</b>		<b>33</b>
	NFPA 70E-2024 Chapter 2, Section 200.1		
	NFPA 70E-2024 Article 205, Sections 205.2—205.11		
	NFPA 70E-2024 Article 210		
	NFPA 70E-2024 Article 215		
	NFPA 70E-2024 Article 220		
	NFPA 70E-2024 Article 225		
	Quiz	<b>12</b>	<b>12</b>
<b>3</b>	<b>Article 230-250</b>		<b>35</b>
	NFPA 70E-2024 Article 230		
	NFPA 70E-2024 Article 235		
	NFPA 70E-2024 Article 240		
	NFPA 70E-2024 Article 245		
	NFPA 70E-2024 Article 250		
	Quiz	<b>10</b>	<b>10</b>
<b>4</b>	<b>Article 300-360</b>		<b>66</b>
	NFPA 70E-2024 Chapter 3, Article 300		
	NFPA 70E-2024 Article 310		
	NFPA 70E-2024 Article 320		
	NFPA 70E-2024 Article 330		
	NFPA 70E-2024 Article 340		
	NFPA 70E-2024 Article 350		
	NFPA 70E-2024 Article 360		
	Quiz	<b>14</b>	<b>14</b>
<b>5</b>	<b>Annexes</b>		<b>26</b>
	NFPA 70E-2024 Information Annex A-I		
	NFPA 70E-2024 Information Annex J-S		
	Quiz	<b>4</b>	<b>4</b>
	<b>Totals:</b>	<b>50</b>	<b>240</b>
	<b>Student Minimum Time Required:</b>		<b>240</b>