

# NFPA 70e, 2024 Edition, Electrical Safety Instructor Led Course

## Provider Information

### Provider

CERTUS / TPC

### Instructor

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## General Information

### Course Description

This course is based on the content from NFPA 70e, 2024 Edition. The goal of this ILT 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

In our instructor-led course, we foster continuous engagement with our students. Each session is structured to ensure students are actively participating throughout. Our approach involves presenting concise segments of content followed by interactive discussions or exercises. This method allows students to immediately apply what they've learned, reinforcing their understanding, and keeping them fully engaged throughout the course duration.

## Methods of Presentation

### Text

The course utilizes text and full-color illustrations to help you visualize the change and safety requirements in practical use. Each student is given a "3-fold Job Aide" that highlights some of the general sections of the NFPA 70e material. The student will examine the workbook for insights and analysis, be alerted to potential conflicts or confusing NFPA 70e requirements, receive guidance on correct electrical installations, and be informed of hazards associated with improper electrical work.

## NFPA 70E 2024 Edition Course Work - Topics, not limited to, but include:

Boundaries - Arc Flash, Limited, Restricted - Correct Labeling

Personal Protective Equipment & Arc Flash Gear Ratings & Testing Intervals

Hazardous electrical work and written instructions.

Establishing an Electrical Safe Working Condition - Absence of voltage testing

Fault Current Calculation & Arc Energy

Electrical Inspection

Risk Assessment