



Certified NFPA 70-E Awareness Technician Course

Course Length: 1 Day CEU's 0.6

Course Fees: \$295.00

Course Credential: Certified Electrical 70-E Awareness Technician (CEAT-70 E)

Note: Refresher certification is required every three years to maintain professional credential.)

Course Introduction

Discussions include the role of the National Fire Protection Association and why NFPA 70E was developed, the concepts of arc flash, approach boundaries and risk assessments. Information on warning labels and personal protective equipment is also provided.

This course is intended to introduce NFPA 70E to workers in any industry where they need to know the hazards involved with working around electrical dissemination systems with currents greater than 50 volts.

Note: This course does not meet the full requirements of the NFPA 70E standard, but is intended to be an introduction to the topics of the 2015 standard.

Learning Outcomes

The safety topics covered in this safety course include identification of and protection from electrical safety hazards leading to arc flash and how to establish an electrically safe work condition as outlined in the NFPA 70E standard updated in 2015.

Specifically:

1. Recognize the history and purpose of the National Fire Protection Association (NFPA) and the NFPA 70E standard
2. Identify the major types of arc flash hazards and their causes
3. Recognize what is required to achieve an electrically safe work condition
4. Identify requirements associated with arc flash protection, limited approach and restricted approach boundaries

5. Identify requirements in NFPA 70E for risk assessments
6. Identify safety tips and controls for electrical hazards, including the use of personal protective equipment, labels, warnings and barricades
7. Identify employer responsibilities required by NFPA 70E

Course Topics

- Electrical Hazards
- Arc Flash Hazards
- Understanding NFPA 70E
- Electrically Safe Work Condition
- Approach Boundaries
- Labels and PPE
- Safety Tips, Warnings and Barricades
- Employer Responsibilities

Course prerequisite: None

Intended Audience

- General Industry & Construction Workers
- General Industry Supervisors & Construction Supervisors
- General Industry Managers & Construction Managers
- Safety & Health Inspectors & Technicians
- Electrical Workers
- Safety & Health Committees
- Government Inspectors
- Anyone wanting to expand the knowledge in the subject.

Test :

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

