



Certified Electrical Safety Specialist - NFPA 70 E Course

32 Hrs CEU's 3.6

Professional Credential: Certified Electrical Safety Specialist (70 E)

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

Course Fees: \$595.00

Course Objectives: Per OSHA standard CFR 1910.331-335, any person working on, near, or around electrical equipment is exposed to a hazard and must be trained to the level of their exposure to the hazard.

Course Outcomes: You will learn the OSHA standards 29 CFR 1910. 331-335 and the requirements of NFPA 70 E. for Qualified Person. The Definition of a Qualified Person from NFPA 70E: A Qualified Person shall be trained and knowledgeable of the construction and operation of equipment or a specific work method, and be trained to recognize and avoid the electrical hazards that might be present with respect to that equipment or work method.

Such persons shall also be familiar with the proper use of the special precautionary techniques, personal protective equipment, including arc flash, insulating and shielding materials, insulated tools and test equipment. Such persons permitted to work within the Limited Approach Boundary of exposed live parts operating at 50 volts or more shall, at a minimum, be additionally trained in all of the following:

- The skills and techniques necessary to distinguish exposed energized parts from other parts of electrical equipment.
- The skills and techniques necessary to determine the nominal voltage of exposed live parts.
- Approach distances and the corresponding voltages to which the Qualified Person will be exposed and
- The decision-making process necessary to determine the degree and extent of the hazard and the personal protective equipment and job planning necessary to perform the task safely.

Audience

This course will be valuable for:

- Electrical Personnel
- Safety, Health and Environmental Professionals,
- Safety & Health Committee Members
- Government Inspectors
- Electrical Managers & Supervisors
- Hospital and Healthcare Managers
- General Industry and Construction Personnel
- Training Managers
- Industrial Hygienists
- Environmental Professionals

Testing:

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.

