



Certified Electrical Safety 70 E Arc Flash Specialist (Short course)

24 Hours / 2.5 CEU,s

Course Fees: \$595.00

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

Renewal Fee: \$150.00

Course Objectives:

Course Information: If you work on or near energized electrical systems, have a safety role at these sites or are an emergency responder, this course is for you.

The new electrical safety standards (NFPA 70E) are the next step to a safer electrical environment in the workplace. Anyone who deals with hazards such as electrocutions, fires and explosions should attend.

#### WHO SHOULD ATTEND

All personnel with electrical safety responsibilities in a position of leadership in which you may have to train other personnel. Some of positions could include: engineer, technician, maintenance supervisor, plant manager, electrical, master electrician, mechanical supervisor, production manager, safety coordinator, electrical contractors and others who may work around energized electrical systems.

Course Topics Include:

- Discuss the hazards of arc flash/blast
- List the best work practices to protect employees

- Understand the selection and use of PPE
- Interpret the labels on electrical equipment
- Overview of an arc flash/shock hazard analysis
- Discuss the NFPA 70E and OSHA standards
- Know how to apply adult learning techniques

Identify the elements of an electrical safety program

Audience

- Construction Managers
- Building Contractors
- Safety Supervisors
- Building Inspectors
- Hazardous Waste Managers
- Training Managers
- Industrial Hygienists
- Individuals associated with federal agency collateral duty safety and health personnel

PREREQUISITES:

It is recommended that attendees each have knowledge of basic electricity and safety hazards.

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