

Course Name: NFPA 70E

Course Description: Electrical power is a dangerous force that requires proper understanding in the workplace. This course defines the requirements for work practices that workers should use to avoid injury from a release of electrical energy when performing tasks involving electrical power. The specific information in this course enables the student to prevent or minimize exposure to all widely recognized electrical hazards as well as to better understand the importance of the relationship between OSHA and NFPA 70E.

Course Length: On-line 4 hours

Prerequisites: None

Course Content:

- Understanding standards for electrical safety
- Understand the relationship between OSHA and NFPA 70E
- Understand ARC ratings
- Creating safe working conditions
- Understanding electrical shock hazards
- Understand transformers and circuit breakers
- Executing a lockout/tagout
- Understanding hazards of live parts
- General standards on personal protective equipment
- Introduction to NFPA 70E
- Safety Related Work Practices
- General Requirements for Electrical Safety Related Work Practices
- Electrical Safety Program
- Transformer Current Ratings
- Energized Electrical Work Permits
- Lockout/ Tagout
- Working On or Near Live Parts
- Alternative Methods of Determining Arc Flash FR Clothing and PPE
- General NFPA 70E standards pertaining to Personal and other Protective Equipment

