

Arc Flash Electrical Safety Awareness [based on 2024 NFPA 70E®]



A DIVISION OF ECPI UNIVERSITY

The NFPA 70E Standard for Electrically Safety in the Workplace requires employers establish, document, and implement the safety-related work practices and procedures found in the standard.

This course provides the overview of the electrical safe work practices, the program required contents and, the steps workers follow when performing electrical tasks. A pocket-sized NTT Job Aid is provided to each attendee to be used as a reference for both program requirements and a list of items to observe in the field to help determine proper electrical safe work procedures are being followed.



WHAT THIS COURSE COVERS

- Identify Electrical Hazards in the Workplace
- Understand The Requirements to Protect All Workers
- Identify Content Requirements for the Company's Electrical Safety Program
- Understand the Five Major Items that Should Be Observed During the Performance of Safe Electrical Work

COURSE OUTCOMES

- Identify Hazards and NFPA 70E Mitigation Methods Associated with Electricity
- Identify Basic Requirements for an Electrical Safety Program
- Perform Shock and Arc Flash Risk Assessments
- Complete a Job Safety Plan
- Create an Electrically Safe Work Condition

WHO SHOULD TAKE THIS

- Management Personnel Who Are Responsible for Protection All Workers from Electrical Hazards
- Any Non-Electrical Workers Who may be Exposed to Electrical Hazards
- Operators
- EHS / Safety Personnel

COURSE AGENDA

- Electrical Hazards
- Requirements for Protecting all Employees from Electrical Hazards
- The Electrical Safety Program
- Electrical Safe Work Practices
- Course Completion



Lecture



Hands-on



ONSITE: 1-day (2 hours)



LIVE ONLINE: 1-Day (2 hours)



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