Arc Flash Electrical Safety Hands-on [Based on NFPA 70E]

NTT Training
A DIVISION OF ECPI UNIVERSITY

This Hands-on, 2-day course meets the requirements of the NFPA 70E Standard for Electrical Safety in the Workplace for qualified electrical workers to demonstrate electrical safe work practices. Employers may use this training as part of their overall qualification program. Students will perform a risk analysis, complete a job safety plan and job briefing, select and inspect PPE, establish barricades, develop an emergency response plan and establish an electrically safe work condition on three-phase equipment. All training equipment and safety checklists are provided by NTT. Students will use the pocket-sized NTT Electrical Job Aid to perform tasks which can then be used in the field as reminder steps for following electrical safe work practices.

☐ Lecture ☑ Hands-on	**Duration** 2 Days (16 hours)	**LIVE** LIVE ONLINE TRAINING	**ONSITE - IN CLASS TRAINING** 2 days

WHAT THIS COURSE COVERS

- Identifying and mitigating hazards of an electrical job
- Conducting the Risk Assessment
- Establishing Barricades
- Selection, Inspection and Use of PPE
- Inspecting equipment for Normal Operation
- Establishing the Electrically Safe Work Condition (Electrical LOTO)

WHO SHOULD TAKE THIS

- Electricians
- Maintenance Electricians
- Linemen & Utility Workers
- EHS personnel responsible for electrical safety
- Owners & Managers
- Electrical Contractors
- Any worker who is exposed to electrical hazards during their work

COURSE OUTCOMES

- Identify electrical and other hazards and learn the methods to mitigate these hazards
- Demonstrate electrical safe work practices required by NFPA 70E
- Use an Infrared camera to inspect electrical equipment for safe work conditions
- Apply NFPA 70E knowledge to the job
- Ability to establish an electrically safe condition when working on electrical equipment.

COURSE AGENDA

- Review of the Electrical Hazards
- Introduction to the 2024 NFPA 70E
- General Requirements for Electrical Safety-Related Work Practices
- Creating an Electrically Safe Work Condition
- Work Involving Electrical Hazards
- Electrical Personal Protective Equipment

ONSITE - TRAINING TOUR - LIVE VIRTUAL - ONLINE - HANDS ON - AUDITS - CONSULTING - **SKILLED WORKERS. STRONGER COMPANIES.**
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