

## NFPA 70E<sup>R</sup> – Full Arc-Flash Training Course

Power Studies Group, LLC is approved by *Maryland Department of Labor, Board of Professional Engineers* and by *Bradley University* as a provider for Continuing Professional Competency and electrical safety arc-flash training. PSG training is based on NFPA 70E<sup>R</sup> 2024 Standard and in compliance with OSHA 1910 Subpart S and OSHA 1926 Subpart K. The training is a full-day (8 hours) and is meant for individuals who work on or around energized electrical equipment and oversee or perform energized electrical work. Every attendee will receive a hard copy of the training manual. A final test must be taken and passed with 80 percent to receive Continuing Education Units (0.8 CEUs), Professional Development Hours (9.6 PDHs) or Continuing Education (8.0 CEs), and a Completion Certificate.

The training covers pertinent sections from NFPA 70E<sup>R</sup>, including:

- NFPA 70E<sup>R</sup> Introduction & History
- Performing Energized Work
- Shock Risk Assessment
- Approach Boundaries for AC and DC Systems
- Arc Flash Boundary & Equipment Labeling
- Arc Flash PPE Categories Methods
- Other Precautions for Personnel Activities
- Underground Electrical Lines & Equipment
- Effect of the Current on the Body
- Hazards from Arc Flash & Arc Blast
- Energized Electrical Work Permit
- Shock Protection Boundaries
- Arc Flash Risk Assessment
- Selection of Proper PPE
- Electrical Contact Release
- Cutting & Drilling

**The Trainer: Jean Ayoub, BSEE, MSEE, CESP**

- Certified NFPA-70E<sup>®</sup> Electrical Safety Compliance Professional (CESCP).
- Adjunct faculty at Morgan State University since 2017, teaching power system analysis.
- Senior Member, Institute of Electrical and Electronics Engineers (IEEE).
- GE certified arc flash trainer from 2003 to 2018. Provided AF and engineering training for clients from the Washington DC area to Boston and the Mid-West states, in addition to providing international training in India and Saudi Arabia.
- Served on the IEEE-1584 Std Group for over 14 years.
- Provided arc flash and engineering training for major US companies including US Department of Defense, Volvo Mack Trucks, Verizon, Pfizer, Gorton's, BKMA, General Dynamics, Sunoco, Rock-Tenn, Kimberly-Clark, Dominion Energy, Windsor Electric, JE Richards, Jones Long LaSalle, GE Healthcare, Maryland Transportation Authority, Materion, GE Industrial Solutions, Metropolitan Washington Airports Authority, National Institute of Health (NIH), US Navy and The Catholic University of America.

To learn more about Power Studies Group's Arc-Flash Training, or to request a quote, please contact [sales@powerstudiesgroup.com](mailto:sales@powerstudiesgroup.com)

