www.powerstudiesgroup.com

POWER STUDIES GROUP LLC

We Promise. We Deliver. We Care.

Tel: 401-591-7798

NFPA 70E^{R} – 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^{R} 2024 edition 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. 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^{R}, including:

- NFPA 70E^{R} Introduction & History
- Performing Energized Work
- Shock Risk Assessment
- Approach Boundaries for AC and DC Systems
- Arc Flash Boundary
- 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
- Equipment Labeling
- Cutting & Drilling

The Trainer: Jean Ayoub, BSEE, MSEE, CESCP

- Certified NFPA-70E Electrical Safety Compliance Professional (CESCP).
- Adjunct faculty at Morgan State University since 2017, teaching power system analysis.
- 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 international training in India and Saudi Arabia.
- Have been serving 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, BKM, General Dynamics, Sunoco, Rock-Tenn, Kimberly-Clark, Dominion Energy, Windsor Electric, JE Richards, Jones Long LaSalle, GE Healthcare, DOW-DuPont, Maryland Transportation Authority, Materion, GE Industrial Solutions, Metropolitan Washington Airports Authority, National Institute of Health (NIH) 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