

# Arc Flash Training

[www.arcflashtrainer.com](http://www.arcflashtrainer.com)

Many people in the U.S. are impacted by electrical hazards or incidents that occur from working on or within the limited approach boundary of electrical equipment. In the United States, electricity is a major cause of death and injuries among workers. Electrocution is the fourth leading cause of industrial fatalities.

Consider the following:

OSHA estimates approximately 350 electrical fatalities a year

NFPA estimates 3600 disabling electrical injuries annually

National Safety Council estimates 30,000 non-fatal electrical shocks each year and over 17,000 injuries caused by arc flash burns

Many business and workers have not yet fully recognized the hazards associated with arc flash and arc blasts. Training in arc flash/blast protection is a relatively new topic that has not been addressed in many employer programs, so hazards are often not addressed. Many businesses also do not have the technical resources to perform this essential training.

Under a special grant from OSHA's Susan Harwood Program, the Georgia Tech Research Institute is offering at no-cost two 1-day courses to clearly inform students about how to prevent and mitigate the risks of Arc Flash in the workplace.

## *Empowerment Through Education* **Current Course Offerings**

**Co Sponsored by:**  
**ASSE Puget Sound Chapter**

**Seattle, WA**  
**June 14, 2011**  
**Management Course**  
**June 15, 2011**  
**Workers Course**

Best Wester Executive Inn  
200 Taylor Avenue N.  
Seattle, WA 98109

**Future Dates & Locations to be Announced on our website: [www.archflashtrainer.com](http://www.archflashtrainer.com)**



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## **Course Highlights**

Participants will:

- Explore The Hazards & Controls of Arc Flash
- Review Pertinent OSHA & NFPA Standards and Learn how to comply
- Have Access to PowerPoint Handouts
- Utilize references to help identify key methods of compliance & protection of the workforce

*All materials provided to participants are theirs to keep for use in presentations and training to their own Process Safety Management Teams, safety professionals, or employees*

## **Course Topics - Course 1: Business Owners, Managers, & Supervisors**

- Overview of Electrical Safety for Maintenance
- Pertinent OSHA & NFPA Regulations
- General Safety Hazards for Operators
- How to Establish an Electrical Safety Arc Flash Program
- Personal Protective Equipment Requirements
- Best Practices to Eliminate Arc Flash/Blast Hazards

## **Course Topics - Course 2: Maintenance, Mechanics, Technicians & Electricians**

- Electrical Safety for Maintenance
- Meter Principles
- Achieving a Safety Electrical Work Condition
- Working on/or within a limited approach boundary
- Arc Flash / Blast Hazards
- Personal Protective Equipment Requirements
- Grounding Techniques
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## **Course Resources**

- PowerPoint Presentation Handouts
- Reference Guide
- Participant's Notebook

Information Provided Under OSHA Susan Harwood Grant