National Electric Code Update Course

- **Course Sponsor:** Industrial Safety Equipment

**Sponsor:**
Industrial Safety Equipment  
4050 South Howick Street, #4E  
Salt Lake City, UT 84107  
801-288-4009  
FAX 801-288-8935  
E-mail: debbie@indsafetyequip.com

- **Class Duration:** 16 Hours (2- Eight Hour Class Days)
- **Participants:** Journeyman or Master Electricians
- **Class Format:** Classroom Lecture

**Course Outline Day 1:**

  - Analysis of Changes (IAEI & NFPA)
  - Review and Discussion

**Course Outline Day 2:**

- NFPA 70E Overview **4 HOURS**
  - Creating an electrical safe work condition
  - Guidelines for OSHA compliance
  - Arc Flash Safety Program
  - Arc Flash Hazards Analysis
  - Arc Flash Labeling
  - PPE
  - Arc Flash Training
  - Tools for use on energized equipment
  - Understand and describe electric shock and arc hazards
  - Vendor related topics latest technology
    - Differential Protection
    - Arc Suppression Equipment
    - Switched Instantaneous Trip Modifications
  - Electrical Construction for Industry **4 HOURS**
    - Power protection systems and grounding installations for construction
    - Earth Testing (Techniques and Equipment)
    - Ground, Grounded, Grounding, and Bonding based on NEC Code
    - Hazardous Location Installation and NEC Code

- **Instructor:** Bill Bonini  
  Journeyman Electrician (WY J-3981 1988)  
  Electrical Engineer (University Wyoming 1993)  
  Western Wyoming Community College Instructor (2011)