 **Imlah** ***Electrical Consulting*** 1-28-2019

**Electrical Continuing Education, 4-Hr. Code Related**

 **“Part 1 NFPA-70E, Safety in the Workplace Course Outline”**

 **Instructor James Imlah**

**Course Description:** 4-hour overview of the 2015 Edition of NFPA-70E for Safety in the workplace specific to electrical installations. The presentation will include worker safety-related work practices and safety related maintenance requirements discussions. This course will provide a Power Point presentation for all licensed electricians for safety awareness and being vigilant of safety hazards when performing work on or near electrical equipment. This training will be based on current 2015 NFPA-70E code sections.

**Course Objectives:**

* Understand the definitions as provided in NFPA-70E
* Understand potential hazards in the work place when performing work on possibly energized electrical installations.
* Understand the rules for “qualified persons” performing electrical installations
* Provide assistance to understand and recognize safety hazards on the job.
* Provide clarification for lock-out/tagout process and procedures

**Class Content:**

* Discussion of related electrical incidents with hazards and injuries .5 hours
* Definitions as related to Safety in the workplace .5 hour
* Application of Safety Related work practices and hazards .75 hour
* Coffee Break, .25 hour
* Implementing 70E Electrical Safety program with related OSHA standards 1.5 hour
* Provide training and clarification for lock-out/tagout procedures, .5 hour

**Materials Provided:**

* Lockout tag out example checklist
* Example of Electrical Safety Checklists
* Example of Electrical Safety Program

**Reference Materials:**

* Current adopted 2015 Safety in the Workplace (NFPA-70E)

**NEC Code References**

* 90.1 Purpose-Safeguarding of Persons
* 110.3(B) Installation and use of equipment
* 110.16 Arc-Flash Hazard Warnings
* 110.26 Spaces Around Electrical Equipment

**Course Attendees**

This course would be primarily for journeyman electricians, general and plant supervisors, plant journeyman, and limited maintenance electricians. Other individuals such as engineers or apprentice electricians. Any licensed electrician in the State of Utah can receive up to 4-hours of CR (Code Related) CEU’s for attendance.

**Course Documentation**

Upon competition of the training, 4 hours of CR (Code Related) CEU's will be submitted to the State of Utah within 7 working days.

A sign-in roster will be maintained for 5-years and made available upon request

Course survey forms will be given to attendees and will be maintained for 5-years and made available upon request.

All attendees will receive a certification of competition for the training being provided.