

**U.S. Department of Energy - Oak Ridge Office**  
**Human Capital Assessment Group**  
**Training Course Bulletin**

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**Course Name:** NATIONAL ELECTRICAL CODE - ELECTRICAL SAFETY  
CODES AND STANDARDS

**Course Number:** 002134

**Session Number:** 0001

**Description:** This three-day electrical safety training discusses the requirements of OSHA (29 CFR 1910 Subpart S and 269 and 29 CFR 1926), NFPA 70E, and NESC. This training course deals with arc flash hazards as addressed in NFPA 70E standards for Electrical Safety in the workplace and OSHA's Electrical Safety-Related Work Practices (Subpart S).

**Course Objectives:**

- How current NFPA 70E and OSHA standards apply to your facility
- “Qualified Worker” Electrical Safety training requirements
- Approach distances and their application
- Identification and control of electrical hazards
- Energized work practices
- De-energized work practices
- Proper switching practices for distribution equipment
- Proper use of insulating and shielding materials
- The proper selection and use of Personal Protective Equipment (PPE)
- Safe use of test equipment and insulated tools
- Appropriate precautionary and emergency response techniques
- “Best Practices” for electrical safety in the workplace.

**Audience:** All DOE Federal Employees

**Vendor:** Navarro

**Instructor:** James Lovette

**Date(s):** December 14-16, 2010

**Time:** 8:30-5:00

**Location:** Building 2714, G7-11

**Slots:** 20

To register:

Federal employees should access the HCAG homepage and forward a completed electronic Training Request Form <http://www.ornl.gov/tdd/tddreq.htm>.

For additional information, call (865) 576-1082.

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