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| **Topic:** Electrical Safety | **Sub Topic:** Electrical Hazards and Safe Work Practices |
| **Duration:** 2 Hour | **Resources:** [**Working Safely with Electricity**](https://www.osha.gov/sites/default/files/publications/OSHA3942.pdf) |
| **Equipment:**   * PPE * DVM, DMM * GFCI | **Videos:** [**Electrical Safety for Non-Electrical Workers**](https://youtu.be/ggJo6m8NZtA) |
| **Topic Description:**  This lecture covers electrical safety and hazard awareness.  Special emphasis will be placed on engineering and work practice controls for managing electrical hazards.  **Learning Outcomes:**  Upon successful completion of this lecture, students will be able to:   * Identify Safe Work Practices Required by OSHA. * Identify the engineering controls in electrical safety standards and equipment. * Identify electrical hazards.   **Activity:**    Step 1         Students partner in groups of 2-4 to review electrical safety standards  Step 2    Students identify potential electrical hazards that may show up in their workplace.  Step 3         Student groups to review case study of electrocution fatality.  Step 4         Find three 29CFR1926 Subpart K standards not followed that appear to have contributed to this incident. Where do the standards fall on the hierarchy of controls? | |