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**Environment, Health, & Safety  
Training Program**

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**EHS 260 Electrical Safety for non QEW Lab Personnel  
Course Syllabus**

**Subject Category:** General  
**Course Length:** Approximately 1 hour  
**Delivery Mode:** Web-based Training

**Course Prerequisite:** None  
**Medical Approval:** None  
**Frequency:** One Time

**Course Purpose:** This course is designed for the general Lab population who works with or around electrical equipment without qualified electrical worker status. It is not for those who only work in an office setting. This course provides information, examples and work related scenarios that allow the learner to identify electrical hazards and the safe work practices and rules that should be taken to avoid injury in the work place. In addition, the course goes over emergency response procedures related to electrical injuries.

**Course Objectives:**

**After completing this training, participants will be able to:**

- Describe the main hazards associated with electricity.
- Identify the factors that affect the severity of shock.
- Identify methods to prevent shock and other electrical accidents.
- Explain what to do if you encounter a hazard or potential hazard.
- Identify conditions that require a qualified and authorized worker to perform electrical work.
- Identify conditions that require a GFCI.
- Identify the importance of a GFCI to safety and the interval which they should be tested.
- Explain safe work practice and rules regarding circuit breakers.
- Identify safe work practices and rules regarding cord use
- Explain the rules regarding work on energized equipment.
- Explain the purpose of Lockout/Tagout.
- Identify how to respond appropriately to an electrical shock incident.

**Subject Matter Expert:** EHS Electrical Safety

**Training Compliance Requirements:** 29CFR 1910.Subpart s, and Chapter 8 Electrical Safety Manual

**Web-based Exam:** Yes

**Practical Exam:** No

**Course Instructional Materials:** Web-based course and a PDF downloadable version of the course.

**Performance Criteria:** Employees will be asked to demonstrate what they have learned from the web-based training by passing the quiz at the end of each module with a score of 80% or greater.

**Retraining/Recertification:** No