



## **Certified Electrical Bonding & Grounding Technician Course**

**Course Length: 1 Day CEU's 0.6**

**Course Fees: \$295.00**

**Course Credential: Certified Electrical Bonding & Grounding Technician (CEBGT)**

**Note: Refresher certification is required every three years to maintain professional credential.)**

### **Course Introduction:**

Electrical Safety Awareness Bonding & Grounding is an introductory safety course. This course focuses on the basic concepts of electricity, electric shock hazard and hazard controls to deal with electric shock. In this electrical safety training, you will be presented with safety tips on how to identify potential hazards of improper electrical bonding and grounding.

### **Training Class Learning Objectives**

Learning Objectives

**By the end of this course, the student will be familiarized with the following course topics:**

- Low-Impedance Fault Return Path
- System Grounding Requirements
- Purpose of the Grounded Conductor on a Grounded System
- The Grounding Electrode System
- Separately Derived Systems
- Grounding and Bonding at Separate Buildings
- Equipment Grounding Conductors
- Ground Fault Protection
- Grounding and Bonding Conductor Connections
- Bonding Requirements
- Use of the Neutral for Bonding

- Isolated Equipment Grounding
- Grounding and Bonding for Hazardous Locations

**Who Should Attend This Course:**

- Utility and Industrial Electrical Engineers and Engineering Technicians
- Project Engineers
- Design Engineers
- Field Technicians
- Electrical Technicians
- Electricians
- Plant Operators
- Plant Engineers
- Electrical Supervisors

**Test :**

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

