



# Voltage Testing Safety Basics

## 2 hour COURSE OVERVIEW

This course includes classroom instruction based on the Electrical Measurement Safety Educational Module by Fluke. Students learn the basics of electrical measurement using a DMM, along with the importance of working safely and how to avoid common safety hazards such as shocks, burns, and fire.

This course goes into examples of real life application to give attendees a complete understanding of regulations regarding electrical and arc flash safety and how to apply them in the field.

The details of this information are critical to any qualified electrical worker who is exposed to electrical hazards.

### **This course is for:**

- Electricians
- Safety directors/managers
- Managers or decisions makers

*This class is a must for anyone who wants to be consider for classification as a "Qualified Electrical Worker"!*

### **(Course Outline):**

1. What a DMM can do
2. Common safety hazards
3. Leading safety standards organizations
  - NFPA and IEC Safety Standards
4. Arc blast
5. Meter safety
  - Inspection
  - Check list
6. Multimeter specifications
7. Multimeter measurements
8. Daily required checks
9. Picking the right meter
10. Using meter with PESD for risk reduction efforts  
(Permanent Electrical Safety Device)