Career Path - Electrical

To do a capable job of maintaining and repairing electrical equipment, technicians must have a thorough knowledge of how it operates. WCD's Electrical Systems Series offers a broad spectrum of training, from an introduction to electricity and electronics to step-by-step troubleshooting.

**Students will learn**

- Reading Blueprints
- Mathematics in the Plant
- Troubleshooting Skills
- Basic Electricity and Electronics
- Batteries and DC Circuits
- Transformers and AC Circuits
- Electrical Measuring Instruments
- Electrical Safety and Protection
- DC Equipment and Controls
- Single-Phase Motors
- Three-Phase Systems
- AC Control Equipment
- Electrical Troubleshooting
- Electrical Safety in the Workplace - Understanding NFPA 70E®