

BASIC INDUSTRIAL ELECTRICITY



This course is an introduction to the fundamentals of AC and DC electricity. It will introduce the physical laws which govern electricity and how they apply in industry.

It will present series and parallel circuits, magnetism and electromagnetism, resistance, capacitance and induction. Relay Logic.

The student will learn to use the most common industrial electrical test equipment.

This class is interactive as well as discussion oriented. It is designed to be fully customizable to your employee training needs and we are able to conduct this training at your site or ours.

Brief Class Outline

- Basic Electrical Safety
- Basic Electrical Concepts
- Basic Electrical Circuits
- Circuit Components
- Magnetism and Electromagnetism
- Solenoids, Relays and Hall Effect Devices
- Alternating Current and Voltage
- Instruments and Measurements
- Capacitance
- Inductance
- Transformers
- Electric Motors, Wiring Concepts



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