The Electrical/PWM/Fault Trainer contains the following components and capabilities:

- Power Supply providing 12VDC
- Four different value electrical loads
- ON/OFF Switch W/ LED indicator
- Banana Jacks for making wiring connections
- Connector wires in three colors
- Auxiliary Jacks for testing external components
- Ground Jack
- Fuse for Circuit/Device Protection
- Four-position switch for inserting faults: (Open, High Resistance, Short to Ground, Short to Voltage)
- Faulted/Non Faulted Switch
- PWM (Duty Cycle) Output Control Knob
- High/Low Frequency Selector Switch
- PWM Output Jack
- Optional Submounts available

With this trainer, students can study the areas of:

- Voltage
- Current
- Resistance
- Power
- Voltage Drop
- Series Circuits
- Parallel Circuits
- Series-Parallel Circuits
- Ohm’s Law Relationships
- Ohm’s Law Calculations
- Pulse Width Modulation Control
- Circuit Operation
- Fault Diagnosis

The Electrical/PWM/Fault Trainer is designed to introduce the concepts of Electrical Fundamentals, Pulse Width Modulation (PWM) Actuator Control, and Fault Diagnosis. The trainer is compact, self-contained, and provides a PWM output to view the signal on an oscilloscope.

NOTE: Contact ATech for information on customizing this trainer for your needs.

Call Now to Place your Order (Press 2 for Sales)