

AUT 110 : DC FUNDAMENTALS

This course is designed to provide students with a working knowledge of basic direct current (DC) electrical principles. Topics include safety, basic atomic structure and theory, magnetism, conductors, insulators, use of Ohm's law to solve for voltage, current, resistance, electrical sources, POWER, inductors, and capacitors. Students will perform lockout/tagout procedures, troubleshoot circuits, analyze series, parallel, and combination DC circuits using the electrical laws and basic testing equipment to determine unknown electrical quantities.

Credits 3

Lecture Hours 1

Lab Hours 2

Course Tags

CORE