

# AUTO125G : Automotive Electronics I

This course will introduce the student to general vehicle electrical and electronic principles, theory, and components. Topics include Ohm's Law, circuit analysis, basic circuits, diodes, transistors, relays, and solenoids. The lab will use electrical test equipment to analyze and troubleshoot basic electrical circuits including warning systems, electrical accessories, battery, starting, and charging systems.

**Credits** 4

**Theory Hours** 3

**Lab Hours** 3

**Co-Requisite Courses**

AUTO110G: Automotive Maintenance and Light Repair

**Semester Offered**

Fall semester