

## Electrical I - AM102

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**Section:** AM102 004251S Newton

**Section Type:** Lecture

**Credit Hours:** 3.00

**Course Description:** In this course students will complete service work orders; describe the relationship between voltage, ohms and amperage; perform basic electrical circuit repairs; identify electrical system faults; identify basic wiring diagram symbols, components, and legend information; perform basic electrical circuit measurements using a DVOM; describe basic circuit characteristics of series, parallel and series parallel circuits through a variety of classroom and shop learning and assessment activities.

**Course Notes:** Departmental Consent Required.

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### **WHEN**

Days: MTWRF

Times: 12:20 PM - 01:45 PM

Start Date: 12/02/2025

End Date: 03/02/2026

### **WHERE**

Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB100

### **INSTRUCTOR**

ROBERT ZIEGLER

### **BOOKS**

Title: MODERN AUTOMOTIVE TECHNOLOGY 10TH Edition

Author: DUFFY

Required: No