

## Electrical I - AM102

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**Section:** AM102 006251S McPherson

**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.

**Section Notes:** Departmental Consent Required. McPherson High School students only. Textbooks provided.

Meets during 4th & 5th hour block.

**WHEN** Start Date: 12/02/2025 End Date: 02/13/2026

**Days:**

MTRF

11:03 AM - 1:19 PM

Campus: McPherson

Building: McPherson High School

Room: MHS01

W

10:34 AM - 12:48 PM

### **INSTRUCTOR**

MICHAEL WALLINE

### **BOOKS**

Title: MODERN AUTOMOTIVE TECHNOLOGY 10TH Edition

Author: DUFFY

Required: No