Electrical I - AM102

Section: AM102 002251S 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.

Section Notes: Departmental Consent Required. Books provided by NHS/Brooks.

WHEN Start Date: 12/02/2025 End Date: 03/02/2026

Days: MTWRF

8:00 AM - 9:25 AM Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB100

INSTRUCTOR ROBERT ZIEGLER

BOOKS

Title: MODERN AUTOMOTIVE TECHNOLOGY 10TH Edition

Author: DUFFY Required: No