Electrical I - AM102

Section: AM102 005261S Newton
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: NEWTON AND AREA WIDE HIGH SCHOOL STUDENTS ONLY! Meets daily, high school provides books.
WHEN Start Date: 10/01/2026 End Date: 12/17/2026
Days:
MTWRF
1:50 PM - 3:15 PM
Campus: Newton
Building: Newton Brooks Trade Center
Room: NWB100

INSTRUCTOR
ROBERT ZIEGLER
BOOKS
Title: MODERN AUTOMOTIVE TECHNOLOGY 10TH Edition
Author: DUFFY
Required: No