

## Electrical I - AM102

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**Section:** AM102 005251S 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:** Departmental Consent Required. Books provided by NHS/Brooks.

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

**Days:**

MTWRF

1:50 PM - 3:15 PM

Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB100

**INSTRUCTOR**

ROBERT ZIEGLER

**BOOKS**

No textbooks for this course.