

# 2025-2026 TTC Catalog

## AVT 101 Basic Electricity for Avionics

Lec: 3.0 Lab: 3.0 Credit: 4.0

This course introduces the basic theories and applications of electricity. Students will construct and analyze both DC and AC circuits using electrical measuring instruments and the interpretation of electrical circuit diagrams, including Ohm's and Kirchhoff's laws.

### **Prerequisite**

MAT 101

or

MAT 155

or appropriate test score

### **Course Offered**

Fall

### **Grade Type**

Letter Grade

### **Division**

Manufacturing and Maintenance