

# 2022-2023 TTC Catalog

## EET 113 Electrical Circuits I

Lec: 2.5 Lab: 4.5 Credit: 4.0

This course is a study of direct and alternating currents, covering resistance and impedance in series, parallel and series-parallel circuits using Ohm's Law, Kirchhoff's laws, and basic circuit theorems. Circuits are analyzed using mathematics and verified using electrical instruments.

### **Prerequisite**

EGR 104

or departmental approval

### **Corequisite**

MAT 110

or

MAT 170

### **Course Offered**

Spring

### **Grade Type**

Letter Grade

### **Division**

Engineering and Construction