

## **EL 210 - General Principles of Electric Circuits I w/Lab**

4 Credit Hours

This course introduces mathematical models for basic circuit components (resistors, capacitors, and inductors), Kirchhoff's laws governing circuits, Thévenin's and Norton's theorems for source modeling, direct current (DC) and steady-state alternating current (AC) circuits analysis with the method of phasors.

### **Prerequisites**

[GC 205](#)