

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

4 Credit Hours

Introduces mathematical model 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**

[MA 315 CS 110](#)