

# ECE 2030: Electric Circuits Fundamentals

Basic concepts, steady-state dc circuit analysis, network theorems, energy storage elements, complete response of first-order circuits, steady-state sinusoidal circuit analysis, AC systems and Laplace Transform.

**Credits:** 3.0

**Prerequisites:**

MAT 1505

MAT 1505 :D-

**Co-Requisites:**

ECE 2031

ECE 2031

**Program:** Electrical and Computer Engineering