

EL 215 - General Principles of Electric Circuits II w/Lab

4 Credit Hours

This course covers Laplace transform (transfer function) techniques for network analysis, the sinusoidal steady-state response of single and three-phase circuits, resonant circuits, linear transformers, and magnetic coupling, and an introduction to filter design. Introduction to Fourier Series and Fourier Transform.

Prerequisites

[EL 210](#) [GC 206](#)