

EE 211 : Basic Circuit Analysis I

This is an introductory course covering linear passive circuits, time domain analysis, transient and steady state responses, phasors, impedance and admittance, power and energy, frequency responses, and resonance.

Credits 4

Lecture Hours 3

Designation

DP

DY

Prerequisites

Credit for or registration in MATH 243 (formerly MATH 231) or higher, credit for or registration in PHYS 272, or consent of instructor.

Course Outcomes

- Analyze and assemble basic circuits.
- Describe and analyze the basic functionality of the components of a basic circuit.
- Describe the rudiments of electric power production.