
ELECTRIC CIRCUITS II

EET 211**Electric Circuits II****4.0 UNITS**

Continuation of the integrated approach of Electric Circuits I. Concepts are extended to the analysis of AC systems power transformers, network theorems, network analysis, resonance, and filters. The associated laboratory supplements the course and introduces the use of additional test instruments as signal generators, frequency counters, and AC measuring instruments. The experiments cover Thevenin's Theorem, RC transients, Lissajous figures for phase-shift measurement, AC series circuits, AC parallel circuits, and series and parallel resonance.