

ELECTRICAL ENGINEERING (ELCT)

ELCT 221 - Circuits (3 Credits)

Analysis of linear ac circuits using complex variables. Nodal and mesh analysis, Thevenin and Norton transformations, linearity, superposition, use of math solvers, circuit simulators, and computer-interfaced instrumentation.

Prerequisites: C or better in MATH 142; C or better in ELCT 102; or C or better in AESP 265; or D or better in ELCT 220.