

# ELECTRICAL ENGINEERING (ELCT)

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**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 either ELCT 102 or AESP 265 or D or better in ELCT 220.