ELECTRICAL ENGINEERING

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EE 220L Circuits Laboratory **1 Credits**

This laboratory course introduces students to fundamental analysis methods and network theorems used to describe the operation of electric circuits. Topics include resistive, capacitive, and inductive circuits in DC and AC domains. Students will construct and analyze circuits, verify theoretical principles experimentally, and use circuit simulation software (Multisim) to support their findings. (Required for BME and EE majors) Prerequisite: Must have completed PHYS 181 with a C or better and be currently enrolled in EE 220.

EE 220 Circuits I **3 Credits**

This course is an introduction to analysis methods and network theorems used to describe operation of electric circuits. Topics covered include resistive, capacitive, and inductive components in DC and AC circuits. Prerequisite: PR: PHYS 181