

# ELECTRICAL ENGINEERING LAB (ECEL)

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**ECEL 212 DIGITAL LOGIC LABORATORY (1 Hour)**

Co-requisite: ECE 212. This laboratory course enables students to validate the major concepts covered in ECE 212, digital Logic.

**ECEL 220 CIRCUITS LABORATORY (1 Hour)**

Co-requisite: ECE 220. This laboratory enables students to validate the major concepts covered in ECE 220, Circuit Theory. Experiments include OHM's law, node voltage analysis, RC circuits, and RL circuits.

**ECEL 330 ELECTRONICS LABORATORY (1 Hour)**

Co-requisite: ECE 330. This laboratory course includes experiments that validate the concepts covered in ECE 330–Electronics.

**ECEL 331 ELECTRONICS II LABORATORY (1 Hour)**

Co-requisite: ECE 331. This laboratory course includes experiments that validate the concepts covered in ECE 331, Electronics II. Experiments include amplifiers, feedback analysis, and oscillators.

**ECEL 360 MICROPROCESSOR LABORATORY (1 Hour)**

Co-requisite: ECE 360. This laboratory courses enables students to validate the major concepts covered in ECE 360-Embedded Microprocessor Systems. Experiments include building and/or interfacing a microprocessor system.