

## **EL 480 - Microprocessor and Microcontroller with Lab**

4 Credit Hours

This course presents the microprocessor/microcontroller as the principal component of embedded systems, providing information on the architecture and programming model using the C language. C programming techniques for arithmetic and logic operations, along with flow control, are introduced. The use of functions, I/O instructions, and timers are presented with laboratory experiments.

Requires advisor approval

### **Prerequisites**

[CS 111](#)