

# ELET250N : Microcontrollers

Today's computers fall into two categories. The first uses high performance microprocessors such as the Intel Pentium Class of Processors. The second category focuses on issues of space, cost, low power and fast development in products such as wireless phones, automobiles, security systems, and appliances. These lower performance processors are called Microcontrollers and are merely a lower power version of the larger microprocessors. The principles of operation are the same. This course focuses on this second category and the Hardware and Software design of these Microcontrollers.

**Class Hours** 3

**Lab Hours** 3 **Credits** 4

**Prerequisites**

ELET121N and ELET115N (or CSCI175N)