ECE152 Midterm Study Guide

For the midterm, no notes, books, or laptops will be allowed. Pertinent information from the datasheets will be attached to the test for you. You will have exactly 50 minutes for the test. The test will start at exactly 1pm. Everyone should sit with an empty seat on each side of them.

What to study:

Make sure you understand every Prelab and study question from labs 1-3. Some questions will be variations on these.

Make sure you know the difference between the different flag bits in registers for sending and receiving with the USART and controlling Timer0.

Make sure you know the proper syntax and usage for if(), while(), for(), and switch() structures.

Make sure you understand the enum data type.

Test Format:

You will need to answer some multiple choice questions, fill in some short answers, write embedded C code to setup a timer or USART, and comment some existing supplied code.