ECE 101
Introduction to Information Technology (Lab)

Fall 2009
Thursdays (1:30pm to 3:20pm)
Engineering Building, Room 3203

Lab Instructor
Anish Mitra amitra1@gmu.edu

Office Hours Engineering Building, Room 3203
Mondays (7:30 to 9:30pm), Wednesdays (3:30 to 4:30pm, 6:00 to 7:20pm)

Lab Policies

- Attendance in all Labs and exams is mandatory. Notify me in advance if you must miss a lab.

- Notify the instructor in advance if you must miss a particular lab or exam. Make up exams must be scheduled at least 1 week prior to the exam date.

- If you miss an exam for an unexcused reason you will NOT be given a makeup time.

- As stated in the lab manual, it is important that each student does the advance preparation before coming to the lab.

- Each student will work equally with a partner to complete the experiment.

- Students must show me the complete operating circuit in lab in order to receive credit. I will then sign and date your experiment.

- Lab experiments must be completed within two weeks of assignment.

- Late Lab Reports will be penalized by 25% per week. After four weeks they will not be accepted.

- No reports will be accepted after the start time of your sections final exam.

- Lab Reports must be legible. Carefully follow the Lab Report guide in your lab manual.

- The GMU Honor Code applies to all aspects of this lab.
Grading:

Attendance and Participation 5%
Lab Assignments 25%
1 in-Lab Midterm exam 30%
1 in-Lab Final exam 40%

The total lab score will make up 20% of the final grade for the course

Weekly Schedule

September 3rd, 2009  Introduction
September 10th, 2009 Lab 0: Laboratory Fundamentals
September 17th, 2009 Lab 1: DC Circuits
September 24th, 2009 Lab 2: Simple Communication System
October 1st, 2009  Lab 3: Introduction to Oscilloscope
October 8th, 2009 MIDTERM
October 15th, 2009 Lab 4: Simple Filtering
October 22nd, 2009 Lab 5: Transistor Fundamentals
October 29th, 2009 Lab 6: Transistor as an amplifier
November 5th, 2009 Lab 7: Combinational Logic
November 12th, 2009 Lab 8: Smart Buttons
November 19th, 2009 Review Class
November 26th, 2009 No Class: Thanksgiving Break
December 3rd, 2009 FINAL EXAM