ECE 101-202
Information Technology for Electrical Engineers
(Lab)

Spring 2014

Thursdays (1.30 PM to 3.20 PM)
Engineering Building, Room 3203

Lab Instructor:
Sai Krishna Reddy Kayati  skayati@gmu.edu
Engineering Building, Room 3203

Office Hours: Thursdays (6.00 PM to 10.00 PM), Room 3203

Lab Policies:

- **Attendance in all Labs and exams are mandatory.** Notify me in advance if you must miss a lab.
- Notify the instructor in advance if you must miss an 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 operational 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 not be accepted after the two weeks of assignment.**
- No reports will be accepted after the start time of your section's 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:
Lab Assignments  60%
1 in-Lab Midterm Exam  15%
1 in-lab Final Exam  25%

Weekly Schedule:

January 23rd, 2013  Introduction
January 30th, 2013  Lab 0: Laboratory Fundamentals
February 6th, 2013  Lab 1: DC Circuits
February 13th, 2013  Lab 2: Simple Communication System
February 20th, 2013  Lab 3: Introduction to Oscilloscope
February 27th, 2013  Lab 4: Simple Filtering
March 6th, 2013  Midterm
March 13th, 2013  No Classes (Spring Break)
March 20th, 2013  Lab 5: Transistor Fundamentals
March 27th, 2013  Lab 5: Transistor Fundamentals
April 3rd, 2013  Lab 6: Transistor as an Amplifier
April 10th, 2013  Lab 7: Combinational Logic
April 17th, 2013  Lab 8: Smart Buttons (Extra Credit)
April 24th, 2013  Final Exam