Lab Description: There are 9 experiments, all designed to be simple circuits. You are required to come to the lab having read the lab and simulated the circuits in PSPICE. During the lab you run the experiment and show your results to the TA (as well as the simulated circuits). After the lab you have one week to write a one page lab report in English, with no pictures, no equations, ideally no numbers. Please read the “lab how to” for a more detailed explanation of what is expected of you in terms of the lab report.


Materials: ECE 285 Lab Kit. $5 (Mason Money only) in ENGR 3916

Lab Manual: All instructions for each lab will be given via BlackBoard.

Academic Integrity: GMU is an Honor Code university; please see the University Catalog for a full description of the code and the honor committee process. The principle of academic integrity is taken very seriously and violations are treated gravely.

Grading:
Completion of Prelab and Demo of PSpice 10%
Demonstrate Experiment 20%
Lab report 70%

All lab work is 20% of the course grade. Reports are due one week from the lab. Resubmitting reports may be done within one week of the TA returning the first submission.

Note: The instructor reserves the right to submit the most recently submitted report as the final grade for that lab, whether the report has a higher or lower score than the first.

Schedule:
- 1/27 PSpice Introduction
- 2/3 Experiment 1
- 2/10 Experiment 2
- 2/17 Experiment 3
- 2/24 Midterm 1
- 3/3 Experiment 4
- 3/17 Experiment 5
- 3/24 Experiment 6
- 3/31 Midterm 2
- 4/7 Experiment 7
- 4/14 Experiment 8
- 4/21 Experiment 9
- 4/28 Review
- 5/5 ECP2 Demos