

Instructor: John Moya <jmoya@utep.edu>

TA: Miguel Cardoza <macardozahe@miners.utep.edu>

Course Description:

Applied lab portion of EE3338. Material includes advanced circuit analysis, Diodes, Op Amps and MOS transistors.

TA and Lab Hours:

	M	T	W	Th	F
Lab time		10:30 – 1:20	10:30 – 1:20		10:30 – 1:20

Course Materials:

Lab assignments will be handed-out the week or so before they are to be worked on. A bounded notebook (i.e., a composition notebook) is required for this lab.



Course Goals:

Students who successfully complete this course are expected to:

- ✓ Demonstrate competence using common EE measurement instruments, such as oscilloscopes, for the measurement of capacitors, current, voltage, etc.
- ✓ Understand basic techniques for analyzing data.
- ✓ Understand basic concepts for designing circuits including components such as Diodes, Op Amps, and Transistors.
- ✓ Demonstrate competence in written technical communications.

Copyright statement for course materials: All materials used in this course (including but not limited to recordings, assignments, notes, handouts, quizzes) are protected by copyright law. The course materials are only for the use of students currently enrolled in this course and only for the purpose of this course. You may not further disseminate (i.e., share, send or post) any class materials/resources outside of this course. Doing so may result in disciplinary action.

Course Rules and Regulations:

1. **Absences:** It is imperative that students make every effort to attend and keep up with lab. Makeups will be very difficult, not guaranteed and may be impossible. Students who miss a laboratory may show a valid excuse, medical or otherwise, in writing to the class instructor, for consideration. In general, a maximum of one lab may be considered for makeup. **STUDENTS WHO MISS MORE THAN 30% OF LABS SHOULD EXPECT A FAILING GRADE.**
2. **Labwork: No Late Work Is Acceptable.** Prelab must be completed before students start the lab. Prelab work may be checked at lab. Follow the lab report format as concerns entering prelab results into your lab notebook. The only acceptable format for the rest of

the lab report in your notebook is that given in the laboratory report handout. Lab reports should be completed by end of lab unless otherwise noted.

3. **Lab Grading:** Lab grading will be done using the following scale:

1: Lab work completed, good lab results, prelab completed, lab report format followed, checkout questions answered, etc.

0: Requirements for a 1 not completed.

Grades will be determined based on percentage of total points earned using a standard 100% to 0% grading scale (100% to 90% is an A, <90% to 80% is B, etc.). A passing grade (at least a C) will require approximately 70% of labs to be completed. If eight one-week labs are presented, this means that 6 must be finished to pass.

Accommodation under the ADA:

If you feel you may have a disability that requires accommodation, contact the Center for Accommodations and Support Services at 747-5148, go to room 106E Union, or e-mail cass@utep.edu.

Academic Conduct: Academic dishonesty will not be tolerated. Discussions are allowed, but you must submit ONLY your work. It is the official policy of the university that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination, doing a lab, etc. for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

Dean of Students link:

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