

EE 3338 ELECTRONICS I
Fall 2018

Instructor: Dr. Rodolfo Aguirre
Office: Engr. A311
Office Hours: M, W 3:00- 5:00 PM
Phone: 747-6922
E-Mail: raguirre4@utep.edu

Course Location and Time: CCSB 1.0202 3:00 – 4:20 PM

Course Description: Continuation of Electrical Circuits II (EE2351) and introduction to electronic devices. Material includes: Diode, Op Amp, and Bipolar Junction and Field Effect transistor circuits.

Prerequisite: C or better grade in EE 2351 and EE2151

Textbook: Microelectronic Circuits 7th ed., by Adel Sedra and Kenneth Smith.

Course Outcomes:

- 1) Students will understand the design aspects of and be capable of analyzing circuits containing Diodes, Op Amps, and Bipolar Junction and Field Effect transistors.

Evaluation:

Homework	10%
Exam I	20%
Exam II	20%
Exam III	20%
<u>Final Exam</u>	<u>30%</u>
Total	100%

Grading and Policies:

A: 90%-100% B: 80%-<90% C: 70%-<80% D: 60%-<70% F: 0-<60%

An **incomplete** grade is given **only** for a valid reason when arrangements have been made with me and, in that case, only if the student was passing the course.

Absence Policy: Make-up work not possible. Inform the professor of any problems with attendance **at least a week prior to any absence**. In the event that an emergency or sudden sickness occurs, **inform the professor as soon as possible**. A physician's note or a similar document may be required prior to such a make-up.

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 Dishonesty: “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 for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Proven violations of the detailed regulations, as printed in the *Handbook of Operating Procedures*, and available in the Office of the Dean of Students and the homepage of the Dean of Students at www.utep.edu, may result in sanctions ranging from disciplinary probation, to a failing grade in the work in question, to a failing grade in the course, to suspension or dismissal, among others.” (Quote from the Undergraduate and Graduate Catalog)