

**ELC 3114 ELECTRONIC DESIGN LABORATORY**  
**FALL 2013**

**Laboratory Sessions:** T 3:30 – 6:15, Rogers 305

**Instructors:** Mehdi Ebad, Dr. Charles Baylis

**Office:** Rogers 300C

**Office Hours (subject to change):** To be announced

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**Course Website:** <http://web.ecs.baylor.edu/faculty/baylis> . Students are responsible to check this site frequently as it will be the primary out-of-class communication method.

**Textbook:** A.R. Hambley, *Electronics*, Second Edition, Prentice Hall, 2000, ISBN 0-13-691982-0

**Corequisite:** ELC 3314: Electronic Design

**Objective:** This course provides laboratory experience in electronic design, including operational amplifiers, diode circuits, transistor amplifiers, current sources, and differential amplifiers.

**Grading:** Your grade will be based on your laboratory reports and data. A formal laboratory report will be generated for one of the labs that will count as three regular laboratory reports. The average of the laboratory reports will determine your final grade. Other factors, as determined by the instructor, may be added into the final grade determination.

A typical grading scale will be used:

90-100	A
88-90	B+
80-88	B
78-80	C+
70-78	C
60-70	D
Below 60	F

No minus grades will be given.

**Attendance:** Students are expected to attend all laboratory sessions. Any student who has attended less than 75 percent of the class meetings will receive a grade of “F” in the course. Both excused and unexcused absences are used in this calculation.

**Missed Assignments:** Students are expected to complete all laboratory exercises in the assigned class time and turn in all reports at the laboratory session following the completion of the exercise. If no arrangement is made in advance with the instructor, students completing a laboratory exercise late or turning in an assignment late may be given, at the option of the instructor, a zero on the test or assignment. Students anticipating the need to complete a laboratory exercise at an alternate time or turn in an assignment late must make arrangements with the instructor in advance. In an emergency where advance notification is impossible, appropriate documentation supporting the excuse should be provided.

**Religious Events:** Students who anticipate being absent from a laboratory session due to a major religious observance must provide written notice of the date(s) and event(s) to the instructor or a teaching assistant by the second class meeting.

**Registration:** Assignments of students not on the official class roll will be discarded without grading.

**Appeal of Assignment Grades:** Any student wishing to appeal a grade on an individual assignment must appeal that grade to the instructor or a teaching assistant, in writing, within one week following the return of the graded assignment to the student. Any appeals for grade changes outside of this one-week window will be disregarded.

**Academic Dishonesty:** Laboratory experiments may be completed in groups as authorized by the course instructor or a teaching assistant. Discussion of results and general conversation regarding conclusions to be taken from the results are allowed and encouraged; however, laboratory reports are to be written individually and originally. Rules for collaboration and honesty in other types of assignments will be specified by the course instructor or teaching assistants.

Any student found in violation of this policy may be given an “F” for the course at the option of the instructor and at minimum will be given a zero for the assignment. It is the responsibility of each student to understand and follow this policy.

**Computer Requirements:** All students should have access to a computer running PSPICE. This software is available in the Rogers open-access computer laboratories. Use of software programs may be required to complete assignments throughout the semester.