

ECE 3050
Analog Electronics
Fall 2009

Instructor: Dr. W. Marshall Leach, Jr., Van Leer E388, 404-894-2963, (Secretary: 404-894-2973), Email: mleach@gatech.edu.

Office Hours: Tuesday 3:30 - 4:30 p.m. and Friday 2:30 - 3:30

Time and Location: MWF, 11:05 a.m. – 11:55 a.m., Van Leer C340.

Class Web Page: <http://users.ece.gatech.edu/~mleach/ece3050/>

Textbook: Class Notes and *Microelectronic Circuit Design* by Jaeger.

Material: Selected material from Sections 3.1 - 3.4, 3.6, 13.4, 5.1 - 5.6, 5.9, 5.12, 5.13, 13.5, 4.10, 4.11, 4.13, 13.7, 14.2 - 14.4, Chapter 15, Sections 16.2, 16.3, 16.6, 17.1 - 17.5, 17.7, 17.8, 17.10, 18.1, 18.3 - 18.6, 18.13 plus material on active filter design and supplementary notes posted on the class web page.

Class Structure: Homework assignments will be posted on the class web page. (The order of the problems may not follow the order of the material presented in class lectures.) Partial solutions and answers will be given for each problem. The homework will not be collected. On each Wednesday, a 25 minute quiz will be given. It will be based on the class lectures and the part of the homework assignment that pertains to the previous 3 class lectures. The lowest 2 quiz scores will be dropped. If you are absent from a quiz, it will count as one of the dropped quizzes. Quiz solutions will be posted on the class web page. If you feel that your quiz should be regraded, you must submit it to the GTA within one week after the quizzes are returned in class. If you feel that you have been graded unfairly, please speak up.

Makeup Quizzes: The reason for dropping two quizzes is to eliminate makeup quizzes. There are no makeup quizzes.

Grading:

Quizzes:	75%
Final Exam:	25%

Pertinent Dates:

Holidays:	September 7, November 26 & 27
Drop Day:	October 16
Mid-Term Recess:	October 3 – 6
Weekly 25 Minute Quizzes:	At the end of class each Wednesday
Final Exam:	Thursday, December 10, 8:00 a.m. – 10:50 a.m.

Classroom Decorum: Arrive for class and be seated before the bell. If you must enter or leave the classroom during the lecture, do not let the door slam. Do not talk in class. Turn your cell phones and pagers off before class begins. Do not use a cell phone in class. Do not leave the classroom to make or receive a cell phone call. School policies prohibit the consumption of food and beverages in the classroom.

Academic Honesty: During a quiz, it is obvious from the front of the classroom when students hold their heads down or cover their eyes with one hand or the bill of a baseball cap to conceal looking at the quiz of another student. To avoid suspicion, do not cover your eyes. If you wear a cap, turn it around so that the bill does not cover your eyes. Suspected incidences of academic misconduct will be reported to the office of the Dean of Students.

Classroom Announcements: Class email lists are set up by the School of ECE for each class. If you drop the course, you will continue to receive class email unless you have your name removed from the email list maintained by the ECE Computer Support Staff. You are expected to read all email sent to the class list that relates to the course. You will be held responsible for any announcements, assignments, etc., sent via email. Excuses will not be accepted if your email bounces because of an invalid email address, a disk quota that is exceeded, or any other such reason.