

COURSE POLICY

EE344: Solid-State Power Electronics

Spring 2010

Contact Information

Prof. John Ciezki (Chess-Key)
Office: Maury 230
Office PH: 410-293-6171
Home PH: (443) 949-9054
Email: ciezki@usna.edu

Section Information

Section 4321
Lecture MWF 4, Mahan G-019
Lab R 3-4, Mahan G-019
Tech: Erich Keyes (x33287)
Text: *Power Electronics* by Mohan, 3rd Ed.
Software: Multisim, Matlab/Simulink

Classroom Procedure

If the instructor is more than 10 minutes late, the section leader will instruct the class to work homework problems and will contact the EE main office (Ms. Jarrell at x36150). If the instructor or substitute does not arrive by the end of the period, the section leader will collect any homework due and deliver it to the EE main office (Maury 327). Food and drink are permitted in the lecture area but NEVER around the equipment. **Sleeping is never permitted** and you are directed to wake anyone you notice is sleeping. Always have your calculator available for class in case of quiz or in-class assignment.

Homework

Homework is assigned on a regular basis with assignments posted on the course web site at <http://intranet.usna.edu/EE/EE344>. Solutions will be posted on the web site or distributed in class. No late submittals will be accepted. Homework is graded on a 3-point system (3pts: 100%, 2pts: 80%, 1pt: 60%, and 0pts: 0%).

Quizzes

Quizzes will be given occasionally (typically during the lab period) and may be open book or open notes.

Lab Experiments

Lab projects will include Multisim simulation exercises, hardware investigations using the Lab-Volt equipment, and prototyping projects. Handouts will be posted on the syllabus page of the course web site. Most lab exercises will be conducted in groups; however, each individual is responsible for knowing how to measure signals and make any calculations. Lab exercise material will be admissible on the exams.

Exams

Exams will normally be closed-book and closed-notes, though a formula sheet will be allowed. You must notify the instructor well in advance if you are going to be absent from an exam.

EI

The instructor operates on an open-door policy. Prof. Ciezki's teaching schedule is as follows: MWF 2 & 4, R 1 through 6. Please contact him in class, by phone, or by email to schedule a time, or simply stop by and see if he is available.

Grade Breakdown

Exam 1 (Tuesday Feb 17, 2010)	17.5%
Exam 2 (Wednesday March 29, 2010)	17.5%
Exam 3 (Wednesday April 23, 2010)	17.5%
Final (TBD, cumulative)	17.5%
Homework	10%
Quizzes	5%
Lab Exercises	15%

Grades are assigned based on the breakpoints $A > 89.9$, $89.9 > B > 79.9$, $79.9 > C > 69.9$, $69.9 > D > 59.9$, $F < 59.9$. The instructor reserves the right to alter your grade based on the overall assessment of your performance (including preparation and participation).

Have a great semester!

DR C