

EE228 INTRODUCTION TO ELECTRICAL ENGINEERING II

COURSE POLICY

Spring 2007

I. Contact and Schedule

Section 3311

Lecture MWF 3, Ri-24
Laboratory T34, Ri-24 or Ma-19
Prof. John Ciezki (Chess-Key)
Office: Maury 230
ciezki@usna.edu
PH: 293-6171
Home: (410) 268-6709

Section 5511

Lecture MWF 5, Ri-24
Laboratory R56, Ri-24 or Ma-19
Prof. Tom Salem
Office: Maury 214
salem@usna.edu
PH: 293-6178

II. Final Grade Distribution

Exam 1 (Wed Feb 7, 2007)	17%
Exam 2 (Fri Mar 9, 2007)	17%
Exam 3 (Wed Apr 11, 2007)	17%
Final (TBD, cumulative)	22%
Homework	10%
Laboratory Reports/Notebook	12%
Quizzes	05%

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). Instructors reserve the right to *alter your grade* based on overall assessment of your performance.

III. Classroom Procedure

The section leader will present the class and record absentees at the beginning of each period. 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). Should the instructor fail to 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 only— make sure that they do not become a distraction and that the classroom remains clean.

Sleeping is never permitted – you may stand in the rear of the classroom if this helps you stay awake. You are directed to wake anyone that you notice is sleeping. *Always have your textbook and calculator with you* in case of quizzes or in-class assignments.

IV. Exams

Exams are closed book, closed notes, and calculators are not to be used to store equations. A partial formula sheet will be provided for the exam and for exam preparation. All other equations should be memorized or derived. Exams will be comprehensive and cover the course instructional objectives (found on the web site). You must notify your instructor **well in advance** if you will be absent for any exam.

V. Homework/Reading Quizzes

Homework is assigned each lecture period (posted on the Syllabus page of the EE228 web site: www.usna.edu/EE/ee228) and will be collected the following lecture period. Solutions will be posted on the course web site typically the day that it is collected. For section 3311, submittals will be assigned a “score” of 3 (100%), 2 (80%), 1 (60%), or zero (0%) based on the level of effort and achievement (all problems may not be graded). *No late homework will be accepted.* If you are Sick In Room, then mark **SIR** on your assignment and hand it in the following period. If you are on a movement order, then have a classmate turn in your assignment timely. Homework

should be completed neatly, with the problems numbered, the pages stapled consecutively, the work done on green engineering paper in pencil (only on the front side), the steps displayed in a thoughtful organized manner, and the solution (to 3 significant digits) boxed. Students are encouraged to discuss problem-solving approaches in “study groups;” however, **direct duplication is never authorized**. Reference any work done by others. You may be asked to present your work at the beginning of class. Your overall course grade can be reduced by one letter grade if homework is consistently missed (your company officer will be notified if this becomes an issue). *You are expected to complete the assigned reading before the lecture.* “Reading quizzes” may be periodically given at the beginning of class to insure that the reading is completed timely. Notes prepared from the reading may be used to assist you (and only you) on the quiz.

VI. Laboratories

Lab assignments will be posted on the web site and sometimes will include a pre-lab exercise. Each student must maintain a lab notebook to record purpose, procedures, circuit diagrams, data, graphs, calculations, and conclusions. You are free to cut and paste figures/procedures from a handout where appropriate. The instructor will periodically check the notebook to insure that you are including enough detail. Occasionally a formal report may be required. Your instructor will let you know if labs are to be completed individually or in pairs. All students are required to finish each lab prior to the beginning of the next lab. No eating or drinking is allowed around the lab equipment! A few of the labs later in the term will be held in the EE Power Lab located in the basement of Mahan in room G019. The times/days will be announced and posted on the web site.

VII. Textbooks, Calculators and Computers

We will use two textbooks this term:

1. *Fundamentals of Electric Circuits*, 2nd Edition, by C. K. Alexander and M. N. O. Sadiku
2. *Electric Machinery Fundamentals*, by Chapman

In addition, you are required to have MULTISIM on your home computer and the student edition of MATLAB. You are further required to have a working calculator in class at all times. The calculator must be able to manipulate complex numbers and solve simultaneous equations. Sharing of calculators is not permitted on exams or quizzes. You are encouraged to have backup batteries or a backup calculator for exams. MATLAB is to be used for plotting on all homework, lab reports and design exercises. MULTISIM will be used for some homework assignments and lab exercises.

VIII. Quizzes

Quizzes will be announced and periodically given during lecture and laboratory times. The quiz problems are designed to reinforce key concepts that will be tested on subsequent exams.

IX. Extra Instruction

Generally, this course is EI intensive. Please call, email or make an in-office appointment to see your instructor if any issues arise. Please do not wait for exam time to address problems with the material because at that point it might be too late. Evening EI sessions will also occasionally be available. If you make an appointment and cannot keep it, please call and/or email and let your instructor know.

Good luck and have a great semester!
Prof. Ciezki & Prof. Salem