

EE320 INTRODUCTION TO ELECTRICAL ENGINEERING II
COURSE POLICY
Fall 2012

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Objective: This course provides an introduction to the analysis of power systems and rotating machinery. The student applies circuit analysis techniques to solve single-phase and three-phase power problems. Further, the analysis of ideal and non-ideal transformers, and synchronous machines is included. An introduction to power electronic circuits is provided, including rectifier and dc/dc converter examples. Problem solving and laboratory exercises are emphasized.

Grading:

Homework, Quizzes, Labs	30%
Hourly Exams (2)	40% (20% each)
Final Exam	25%
Lab Practicum	5%

Homework: Homework and reading assignments will be completed prior to class. Completing the homework is essential to understanding the concepts in this course and will prove vital in your successful performance on quizzes and exams.

1. Homework will be assigned per the course syllabus unless otherwise directed.
2. Homework will be collected on the first class meeting of each week and will consist of submitting problem(s) specified by the instructor from the prior week's assignments.
3. Homework assignments must be neat and clearly labeled with your name and section number, and multiple sheets must be stapled. ***Failure to follow these rules shall result in the loss of credit.***
4. Collaboration on homework is encouraged with proper citation; however, duplication is not authorized.
5. Homework must be turned in to your section leader before the start of class. ***Late homework is not accepted.***

Quizzes: Quizzes will be given on Mondays, 15 to 20 minutes before the end of the lecture. ***No make-up and no penalty will be given for the quizzes missed.*** All quizzes are closed book/notes, unless otherwise specified.

Exams: All exams are normally closed book and require a calculator. All work on exams must be your own, and must be in accordance with USNAINST 1531.49 and

USNAINST 1531.53. If you cannot make an exam for any reason, it is your responsibility to inform your instructor as far in advance as possible.

Labs: The lab exercises are a tool to reinforce the theory presented in the classroom. Labs are scheduled per the syllabus unless otherwise directed. You are responsible for studying the lab experiment and in most cases doing pre-lab work prior to the actual experiment. Students will normally work in pairs; however, all students are individually required to know how to perform the lab. If you work in pairs, submit only one lab report. Labs reports are due a week from the scheduled date of the Lab. Each student will individually be expected to demonstrate proficiency on all necessary laboratory skills on the scheduled laboratory examinations. You must complete any missed lab work on your own and in your own free time prior to the following lab session. *Under no circumstances should you leave the classroom early if you have not fully completed your lab work.*

Final Grades: The instructor reserves the right to issue final grades by taking into account factors such as effort, progress, and class participation in addition to course numerical average.

Calculators: Students should have a working calculator in class with them at all times. The use of pocket calculators will be permitted for all labs, homework, and scheduled exams. Only FE approved calculators are allowed.

EI: By appointment or by e-mail: sellami@usna.edu for quick questions.

Instructor absence: In the event of instructor's absence from class, every attempt will be made to find a substitute. If no substitute is available, you are to remain in the classroom until the end of the period and use the time to work on homework and or reading assignments.

Classroom Protocols:

1. No sleeping or eating in the classroom.
2. No disruption of the class while in session! Examples of unacceptable disruptions include, but are not limited to, cell phone or computer use, communicating with other students, eating, entering or leaving the classroom except when absolutely necessary (getting a drink does not constitute an absolute necessity). Offenders may be counseled, have distracting items confiscated, or be dismissed from class.
3. Sharing of calculators during quizzes and exams.
4. Scheduling PRK or any other elective surgery so as to interfere with the exams.
5. Head calls should be made prior to the start of class so as to avoid the need to do so during class.