

ECE 210  
Spring 2007  
Severance

## Circuit Analysis - Course Syllabus

C122 Parkview; MWF 10:30-12:20

**Professor:** Frank L. Severance  
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### Teaching Assistants:

Tom Bujanavic (Tuesday/Thursday lab)  
Sridevi Krishnamusthy (Monday/Wednesday lab)

**Office Hours:** Monday: 12:30 to 1:30 pm.  
Wednesday: 12:30 to 1:30 pm.  
Friday: 12:30 to 1:30 pm.

**Prerequisites:** MTH 123, PHY 207, PHY 208 (may be taken concurrently)

**Texts:** [required] *Fundamentals of Electric Circuits* by Charles K. Alexander and Matthew N.O. Sadiku; McGraw Hill, 2004.

[required] *Laboratory Manual for Circuit Analysis*, Electrical and Computer Engineering; distributed by the student section of the IEEE, Spring 2007.

**Grading:** There will be **daily assignments** and/or **pop quizzes**, each of which will be graded and returned at the next class period. Also there will be three tests (50 minutes each) and one comprehensive final examination (two hours). The relative weight of each will be as follows:

assignments/quizzes:	<b>10%</b>
Three tests (15% each):	<b>45%</b>
laboratory:	<b>20%</b>
final examination:	<b>25%</b>

The final grading scale will be based on overall class performance. Your grades and class standing will be published regularly. If there are any questions or concerns, do not hesitate to discuss them with me.

### **Class Procedure:**

- i. The daily assignments are due at the beginning of class and will not be accepted late. If you cannot make it to class, it is your responsibility to have your assignment there, regardless!
- ii. Please take note of this **standard format** for assignments:
  - Use standard quadrille engineering paper.
  - The date and assignment number should be included.
  - The problem must be stated at the outset of each assignment.
  - Each page should be numbered and labeled.
  - There should be a separate page for each problem.
  - Show all appropriate working
  - Generally problems should take no more than one page.
- iii. Tests will be announced well in advance and will require **large blue books**, which are available at either book store. Material on them will be similar to lecture examples and assignments.
- iv. Make-up tests be given only in emergencies when arrangements have been made in advance. If there are any extenuating circumstances, I need to know quickly and (hopefully) before the disaster!
- v. All graded work, including homework assignments, is expected to be your own. Failure to observe this rule may result in a failing grade for the course and a letter to the department chair.

### **If you are repeating the course...**

The ECE standard department policy for repeating courses will be followed in all cases. If you wish to waive the laboratory portion of this course, you must...

1. let me know of your situation by May 07,
2. have taken ECE 210 during the past year (Summer 2006, Fall 2006 or Spring 2007),
3. have finished in the top third of your particular ECE 210 lab section last time.

A list will be compiled of all those eligible for waiver by May 09. In case your waiver is granted and you wish to be excused from lab, you must let me know by Friday, May 11. Your grade will be computed based solely on the 80% of the course based on lecture work. This means that after all totals are computed, your score will be multiplied by 1.25 to normalize it to the rest of the class.