PHYS 383
Electric Circuits

Truman State University - Spring 2000

Meetings: MWF 11:30-12:20 am, Barnett Hall 264

Instructor: Rob Salgado
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WWW: `http://www2.truman.edu/~rsalgado/`

Office hours: M 10:30-11:20, W 3:30-4:20, Th 12:30-1:20, 2:30-3:20, F 10:30-11:20
or DROP BY MY OFFICE or MAKE AN APPOINTMENT.

Catalog Description: ** look up **
[Prerequisite: PHYS 271. Co-requisite: MATH 264.]

Method:

Mon, Wed: I will lecture and lead you through the course material.

Fri: is "Problem Day".
We will collectively discuss some of the assigned problems. This is designed to help you further develop your ability to solve problems. This will help you solve problems for the exams.

Textbook: Cunningham and Stuller. *Circuit Analysis*
If you are not completely happy with the textbook, find another one from the library! (I did this for every class I took!)

Electronic Materials: I will maintain a webpage that lists the assigned problems and, possibly, solutions. Please refer to:
`http://www2.truman.edu/~rsalgado/383/`

Exams: There are FOUR one-hour exams, tentatively scheduled as

Exam 1 FRI, 09/20, in class

Exam 2 FRI, 10/18, in class

Exam 3 FRI, 11/22, in class

Exam 4 FRI, 12/10, 9:30a-11:20a

Each exam will be based on a range of chapters covered in the course. The last exam is not "cumulative"... however, it does rely on the material covered on previous exams. If you think that you will have a conflict with a scheduled exam, contact me in advance of the exam.

Grades:

- 20% Class Participation
- 80% Exams ($4 \times 20\%$)

This class is not graded on a curve.
A=90+, B=80+, C=70+, D=60+, F<60.

(ROUGH) Course outline

- week of 01/10 CH. 1 (Introduction)
- week of 01/17 CH. 2 (Laws and Components)
- week of 01/24
- week of 01/31 CH. 3 (Circuit Analysis)
- week of 02/07
- week of 02/14
- week of 02/21
- week of 02/28
- week of 02/21
- week of 02/28
- week of 03/06 (BREAK)
- week of 03/13
- week of 03/20
- week of 03/27
- week of 04/03
- week of 04/10
- week of 04/17
- week of 04/24
- week of 05/01