EECS 220 – Electromagnetics I (Fall 07)

MWF 8:30-9:45
Room: 2112 Learned

www.ittc.ku.edu/~jstiles/220/eecs220.html

Instructor: Prof. Jim Stiles

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Office Hours: TR 9:00-12:45, or by appointment.

Catalog Listing: Vector analysis. Electrostatic fields in a vacuum and material media. Electromagnetic fields and Maxwell's equations for time-varying sources. The relationship between field and circuit theory. Simple applications of Maxwell's equations. Prerequisite: Math 220 PHSX 211, and EECS 211.

Course Objective: To provide the student with the mathematical tools and physical knowledge required to comprehend the electrical phenomenon that enables the operation of electrical and computer systems.

Grading: The following factors will be used to arrive at the final course grade:

- Homework: 10%
- Quizzes: 5%
- Exam I: 25%
- Exam II: 25%
- Final Exam: 35%

Grading Scale: Grades will be assigned to the following scale:

- A: 90 - 100%
- B: 80 - 89%
- C: 70 - 79%
- D: 60 - 69%
- F: < 60%

These are guaranteed maximum scales and may be revised downward at the instructor's discretion.

Homework: Homework is due before class begins each day. Copying is not permitted.

Exams: No make-ups for (excused) missed exams will be given. If you have attended 75% of the lectures and have 75% on the homework, and you have a legitimate excuse for missing an exam (e.g., significant illness family emergency), the first missed exam will be scored by taking 90% of the average of the other exams. Subsequent missed exams will...
be scored as zero. A non-excused missed exam will also receive a zero score. Note this policy does not mean that you can “drop” one exam!

**Ethics Policy:** Academic misconduct will not be tolerated. It will result in a failing grade and may result in further disciplinary action by the University. For details see the Academic Misconduct section of the Timetable.