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.

Required Text: *Engineering Electromagnetics*, by Ken Demarest, ©1998.

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.