TITLE: Electromagnetic Theory

INSTRUCTOR: T M. Antonsen Jr.
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3339 A. V. Williams
405-1635
Office hours: Monday 3:00-5:00
or by appointment

ROOM: CHE 2110
TIME: MWF 11:00 – 11:50

RECITATIONS:
TA: S. Rosenfeld (EGL 1153)
shalom@umd.edu
Office hours: Wednesday, 2:00 – 3:50

0101 W 1:00pm- 1:50pm (EGR 3102)
0102 W 4:00pm- 4:50pm (EGR 3102)

COURSE DESCRIPTION: Static electric and magnetic fields, Solution of
boundary value problems, Steady electric currents
Time varying fields and Maxwell's Equations

TEXT: Field and Wave Electromagnetics (2th edition)
Course web site: http://www.ece.umd.edu/class/enee380

REFERENCE: Ramo, Whinnery and Van Duzer, Fields and Waves in
Communication Electronics, (2nd Edition), J. Wiley and Sons, Inc.

HOMEWORK: Assignments will be handed out and collected in lecture.
Some assignments will require MATLAB or its equivalent.

PROJECT: There will be a project involving the solution of a practical
problem. A short report and presentation will be required.

EXAMS: There will be three exams: two midterms and a
final exam. Grades will be assigned as follows.

| Homework: | 20% |
| Project:  | 10% |
| Exam 1: (Friday, March 5) | 20% |
| Exam 2: (Friday, April 16) | 20% |
| Final: (Saturday, May 15 8:00 – 10:00) | 30% |