UNIVERSITY OF MARYLAND
DEPARTMENT OF ELECTRICAL ENGINEERING

ENEE 380 SPRING 2004

TITLE: Electromagnetic Theory

INSTRUCTOR: T M. Antonsen Jr.
antonsen@glue.umd.edu
3339 A. V. Williams
405-1635
Office hours: Monday 1:00-3:00
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

0201 W 1:00pm- 1:50pm (EGR 3102)
0202 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/enie380-2/

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.

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<tr>
<th>Component</th>
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<tbody>
<tr>
<td>Homework</td>
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<td>Project</td>
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<tr>
<td>Exam 1: (Friday, March 5)</td>
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<td>Exam 2: (Friday, April 16)</td>
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<td>Final: (Saturday, May 15 8:00 – 10:00)</td>
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