UNIVERSITY OF MARYLAND
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ENEE 381 SPRING 2006

TITLE: Electromagnetic Wave Propagation

INSTRUCTOR: T M. Antonsen Jr.
3339 A. V. Williams II
301-405-1635
antonsen@glue.umd.edu
Office hours: Tuesday 1:30 – 3:30

ROOM: Lectures: TuTh, 11:00am-12:15pm (EGR 1108)
Discussions: 0201 M.......... 2:00pm-2:50pm (MTH 0303)
202 W.......... 2:00pm-2:50pm (MTH B0427)

TA: Sepehr Morshed
sepehr@umd.edu
Office hours: MW 3:00 – 4:00

COURSE DESCRIPTION
Propagation of plane electromagnetic waves
Reflections at discontinuities of dielectrics
Transmission lines, Wave guides, Cavities,
Network, Radiation

TEXT: Field and Wave Electromagnetics (2th edition)

REFERENCE: Ramo, Whinnery and VanDuzer, Fields and
Waves in Communication Electronics, (3rd Edition), J. Wiley and Sons, Inc.

HOMEWORK: Assignments will be handed out and collected in lecture.

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

Grading:

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<th>Component</th>
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<tr>
<td>Homework</td>
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<td>Project</td>
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<td>Exam 1</td>
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<td>Final (Saturday, May 13, 8:00-10:00 AM)</td>
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