

UNIVERSITY OF MARYLAND

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ENEE 680

Fall 2007

TITLE: Electromagnetic Theory I

INSTRUCTOR: T M. Antonsen Jr.
antonsen@glue.umd.edu
3339 A. V. Williams II
405-1635

ROOM: CHE 2108

TIME: Tu-Th 3:30 – 4:45

OFFICE HOURS: Thursday 1:30-3:30, or by appointment.

COURSE DESCRIPTION Theoretical analysis and engineering applications of Maxwell's equations. Boundary value problems of electrostatics and magnetostatics.

TEXT: Classical Electrodynamics, J. D. Jackson (John Wiley and Sons, 3rd edition, ISBN 0-471-30932-X)

EXAMS: There will be three exams: two midterms and a final exam. Some of these will be take-home

HOMEWORK: Assignments will be posted on the web. Assignments may involve computation.

GRADING: Your course grade will be computed on the basis of 425 points apportioned as follows:

Two midterms	200
Final: (W. Dec. 19, 2007 10:30 AM-12:30 PM)	125
Homework	<u>100</u>
	425