UNIVERSITY OF MARYLAND

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ENEE 680   **Fall 2010**

TITLE: Electromagnetic Theory I

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

ROOM: EGR 1108

TIME: MW   3:30 – 4:45

OFFICE HOURS: Monday 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. 15, 2010 1:30 PM)	125
Homework	100
	425