UNIVERSITY OF MARYLAND
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ENEE 680                              Fall 2010

TITLE:      Electromagnetic Theory I

INSTRUCTOR: T M. Antonsen Jr.
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            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

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