UNIVERSITY OF MARYLAND
DEPARTMENT OF ELECTRICAL ENGINEERING

ENEE 380/380H   **Fall 2013**

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 2118**

TIME: **MW   3:30 – 4:45**

RECITATIONS:
TA: **Kevin Landsman**
                         kevinlandsman@gmail.com
                         Office hours: Wednesdays 11a-12p in 1143 AV Williams

   380-0101   **Tu 9:00am- 9:50am (PLS 1113)**
   380H-0101   **Tu 10:00am- 10:50am (PLS 1113))**

COURSE   Static electric and magnetic fields, Solution of
DESCRIPTION: boundary value problems, Steady electric currents
                         Time varying fields and Maxwell's Equations

TEXT: Field and Wave Electromagnetics (2th edition)
                         David K. Cheng, McGraw Hill, 1992.

REFERENCE:

                         Ramo, Whinnery and Van Duzer, Fields and Waves in
                         Communication Electronics, (2nd Edition), J. Wiley and Sons, Inc.
                         Electrostatics with MATLAB, Eric Dunn (available on course web
                         site)

HOMEWORK: Assignments will be made on the web.
                         Some assignments will require MATLAB or its equivalent.

PROJECT: There will be a project involving the solution of a practical
                         problem. More about this later.

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

   Homework: **20%**
   Project: **10%**
   Exam 1: (TBA)   **20%**
   Exam 2: (TBA)   **20%**
   Final: (Wednesday, Dec 18   1:30 – 3:30)   **30%**