UNIVERSITY OF MARYLAND

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ENEE 680 **Fall 2018**

TITLE: **Electromagnetic Theory I**

http://terpconnect.umd.edu/~antonsen/ENEE680_F18/

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

TA: Moiz Siddiqi msiddiqi12@gmail.com

ROOM: **CHE 2145**

TIME: **MW 3:30 – 4:45 PM**

OFFICE HOURS: **(TMA)** 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: Modern Electrodynamics by Andrew Zangwill, Cambridge University Press, ISBN 978-0-521-89697-9

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: (Usually take-home, due around Dec. 17)	**125**
Homework	**100**
	425