

Electromagnetic Theory (PHYS-351-01, Fall 2005)
MWF 11:00-11:50
Introduction to Electrodynamics 3rd Ed., D. Griffiths

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3 Exams @ 20% each, Homework @ 40%

Homework sets are due on Fridays. Late homeworks are not accepted.

<i>Week</i>	<i>Chapter</i>	<i>Topic</i>
1	1	Vector Analysis
2	2	Electric Field, Potential
3	2	Poisson's Equation, Work and Energy
4	2&3	Laplace's Equation, Method of Images
5	3	EXAM1 , Separation of Variables
6	3&4	Multipole Expansion, Polarization
7	4&5	Dielectrics, Magnetic Forces
8	5	Biot-Savart Law, Magnetic Vector Potential
9	6	EXAM2 , Magnetization, Auxilliary Field
10	7	Electromotive Force
11	7	Magnetic Induction
12	7	Maxwell's Equations
		EXAM 3