

Exams:

- Prelims: Friday, October 7 and Friday November 11, during recitation
- Final exam: *to be determined*

Grading:

- Prelims (2@20%) = 40%
- Final = 25%
- HW+quizzes = 25% (Lowest quiz and HW scores will be dropped)
- Participation = 5%
- Online reading quizzes = 5%

Tentative syllabus

Week(date)	Text (chapter)	Topic
1 (8/24)	2	Coulomb and Gauss' Law, superposition, E field
2 (8/29)	1,2	Vector calculus, potential
3 (9/5)	2	Conductors, Poisson's Eq., Capacitance
4 (9/12)	3	Laplace's Eq., Separation of variables, multipoles
5 (9/19)	4	Electric fields in matter, polarization, dielectrics
6 (9/26)	5	Magnetostatics, Lorentz force & Biot-Savart Law
7 (10/3)	5	Magnetic vector potential,
(10/7) [prelim 1]		
8 (10/10)	6	Magnetization, H field
9 (10/17)	7	Ohm's law, electromotive force, inductance
10(10/24)	7	Maxwell's equations, magnetic energy
11(10/31)	8	Maxwell's equations, energy and momentum
(11/4) [prelim 2]		
12(11/7)	9	Waves, waveguides, reflection, transmission
13(11/14)	9	Waves and waveguides
14(11/21)	9	Waves in matter
15(11/28)	10	Potentials and Fields