Physics 441b W12 - Course Outline
Electromagnetic Theory

Instructor:    Graduate TA:

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IMPORTANT: Classes will be cancelled some days during the period Feb 27-Mar 8. Make up classes will be given at appropriate times during the term.


Assignments and grading:
There will be 6-8 assignments, a midterm test and a final exam. The final exam will be worth 50% of the final grade, the midterm test 15% and the assignments 35%.

Office hours:
MW 9:00-10:30, 11:20-1:00
F 9:00-10:30
Other times by appointment, please contact me by e-mail for any immediate problems you may have with the course/assignments.

Course content:

1. Chapter 7, Electrodynamics, Maxwell’s Equations          Week 1-2
2. Chapter 12, Relativity Theory                        Week 3-5
3. Chapter 8-9, Plane Waves, Guided Waves             Week 6-9
4. Chapter 10-11 Potentials, Dipole Radiation         Week 10-12

(The amount of time to be spent on each unit is approximate)