GENERAL INFORMATION

Title: Electrodynamics

Instructor: Dr. James F. Drake

Office: A. V. Williams Bldg. (3311)
Phone: 405-1471
e-mail: drake@umd.edu
Office Hours: by appointment or random access.
Web site: www.terpconnect.umd.edu/~drake/classes/physics606

Room: PHY 1402

Time: TuTh 11:00-12:40

Grader: Jiang Xu
Office: PHYS 0104
Phone: 405-8577
e-mail: xujiang@umd.edu

Course Description: Topics to be covered include electrostatics and magnetostatics, multipole expansions, electromagnetic wave propagation, waveguides, radiation and special relativity.

Supplementary Reading: Landau and Lifshitz, *Electrodynamics of Continuous Media*, Addison and Wesley.

Homework: Assignments will be made on each Thursday and will be due the following Thursday. Late homework will be penalized 20% for each day late and will not be accepted beyond Friday after it is due.

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

- Homework: 100 points
- 1st midterm: 100 points
- 2nd midterm: 100 points
- Final: 200 points

The lowest score from the homework, either of the two midterms or half of the final will be dropped.