

**University of Maryland  
Department of Physics**

Physics 606

Spring 2019

**GENERAL INFORMATION**

Title: Electrostatics

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](http://www.terpconnect.umd.edu/~drake/classes/physics606)

Room: PHY 1402

Time: TuTh 11:00-12:40

Grader: Tsung-Sheng Huang  
Office: 0220 Physics Toll  
Phone: X55969  
email: tshuang@terpmail.umd.edu

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

Text: J. D. Jackson, *Classical Electrodynamics*,  
3rd Edition (1999),  
Academic Press.

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.