

**University of Maryland
Department of Physics**

Physics 606

Spring 2021

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: online

Time: TuTh 11:00-12:40

Grader: Clayton Ristow
Office: Toll 3101
email: cristow@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.