San José State University  
Physics Department  
Physics 110a, Fall Semester, 2019

[Basic] Course and Contact Information

Instructor: Patrick Hamill  
Office Location: Science 240  
Telephone: (408) 924-5241  
Email: Patrick.Hamill@sjsu.edu  
Office Hours: MWF 10:00-10:30, MW 1:00-3:00  
Class Days/Time: MWF 10:30-11:20  
Classroom: Sci 242  
Prerequisites: Phys 52 with grade of C- or better.

Course Description


Course Learning Outcomes (CLO)

Upon successful completion of this one-year (two semester) course, students will be able to:

CLO 1 Solve difficult problems involving electrical and magnetic systems.
CLO 2 Understand Maxwell's equations. Know how to set up and solve potential problems. Understand dielectrics. Know the meaning of displacement vector.

Required Texts/Readings

Textbook
An Introduction to Electrodynamics 4th Ed by David Griffiths.

Course Requirements and Assignments

- The final examination will be held Thursday December 12 from 9:45 to 12:00.
• The three midterm exams will be held in September, October, November on days that are convenient to most students.
• Homework will be due at the beginning of every class period. Assignments to be given in class.
• Quizzes will be held every Friday during the first 10 minutes of class.

Grading Policy
To encourage you to do homework, you must turn in at least 75% of the problems with a passing grade to get better than a C- for the course. One or two late homework assignments may be accepted. Homework is due at the beginning of the class period.

The grading scheme is
   Weekly quizzes       15%
   Homework            20%
   3 Midterms @ 15%    45%
   Final Exam          20%

The letter grades will be assigned according to the usual algorithm
   A = 90 – 100
   B = 80 – 90
   C = 70 – 80   etc.

Classroom Protocol
No laptops, ipods, cellphones, etc. please.

University Policies
Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs’ Syllabus Information web page at http://www.sjsu.edu/gup/syllabusinfo/