

August 26, 2012

Physics 212 General Information Fall 2012

Subject matter: Physics 212, Electricity and Magnetism I, is a continuation of Physics 11. The course covers electrostatics, magnetostatics, and electromagnetic induction. Prerequisites: PHY 21 or 13; MATH 205, previously or concurrently.

General Plan: Classes meet three times per week for 50 minutes each, in Lewis Lab 511, 9:10 to 10 am, Monday, Wednesday and Friday. Homework is assigned approximately once per week, except the first and last week.

Textbook: The textbook is *Introduction to Electrodynamics, Third Edition*, by David J. Griffiths, (Pearson, Addison Wesley, 1999). ISBN: 0-13-805326.

Obtaining Course Materials: Information regarding the course schedule, homework assignments, and solutions to homework problems will be posted on the Course Site that you can access through your Lehigh portal. You are responsible to check the Course Site in a timely manner.

Grading: Grades are based on the following scheme: First Hour Exam 100; Second Hour Exam 100; Homework 50; Lecture participation and quizzes 50; Final Exam 200; Total 500.

Notes and Equation Sheet: The exams are closed book, but the inner pages of the front and back cover of the book will be provided as part of the exam. A page of notes that you prepared is allowed at the exams.

Homework: The point of the homework is to learn how to think through problems and arrive at the solution by a valid method. The homework problems will serve as examples of exam problems. Solutions to the homework will be posted on the Course Site the day after the due date.

Quizzes: There may be a quiz every Friday for a total of twelve quizzes during the semester. Each quiz will be given at the beginning of the Friday lecture. The best ten scores will be used to determine the contribution of the quizzes to your final score. No makeup quizzes will be given. Since the procedures of the recitation leaders to conduct quizzes may vary, the quiz scores from each section may be adjusted to achieve score consistency from section to section.

Makeup Exams: Make-ups will not be given for the quizzes or the hour exams. If a student misses an hour exam for a legitimate reason, a designated part of the final exam will be counted as the missed test.

Attendance Policy: Attendance in the lectures are required. Each student earns one point for attending each recitation for up to 25 points.

Office Hours: Office hours will be held between 10 and 11 on the day of the lectures. Additional office hours will be available by appointments.

Disability: If you have a disability for which you are or may be requesting accommodations, please contact both your recitation leader and the Office of Academic Support Services, University Center 212 (610-758-4152) as early as possible in the semester. You must have documentation from the Academic Support Services office before accommodations can be granted.