

Physics 202 - Fall 2011

Instructor: Prof. David J. Tedeschi
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Outcomes:

Students who successfully complete this course will be able to

- Demonstrate an understanding of the basic principles and vocabulary of classical physics.
- Describe the forces due to electric and magnetic fields.
- Demonstrate effects of E&M forces on charged objects.
- Calculate the basic behavior of electronic circuit elements.
- Discuss the contribution of electromagnetic physics to the development of technology and its role in society.

Meeting Times:

Meeting	Time	Instructor	Place
Lecture	Mon.,Wed.,Fri., 10:10 AM-11:00 PM	Tedeschi	PSC 002
Office Hours	Thur., 10:00-11:00 PM	Tedeschi	PSC 709
CAPA	Wed., 11:15 AM -12:05 PM	Tedeschi	PSC 208
CAPA	Thur., 11:00-11:50 AM	Tedeschi	PSC 208

Communication: I will use the “Blackboard” and LON-CAPA computer systems to post all course information.

Text: *Contemporary College Physics*, Jones and Childers, McGraw Hill (Boston). ISBN 978-0-07-735900-3

Prerequisites: A grade of C or better in PHYS 201 is required.

Reading Assignments: The chapters covered in class are designated on the course timetable and should be read prior to the class period.

Homework: Problem sets are to be completed each week as designated on the course timetable and are due by 11:59 PM on **Thursdays**. Answers will be made available the next day. The [LON-CAPA](#) homework system will be used. Since the computer records when you submit your answers, **NO LATE HOMEWORK WILL BE ACCEPTED**. Occasionally the network is slow or disabled, so plan ahead. Deadlines will not be changed due to network latency. Your homework grade will count towards 30% of your course score.

Tests: Four CAPA-style tests will be given. The tests will consist of conceptual questions as well as problem solving questions. The average of all exams is worth 40% of your course score. The test days are all scheduled in advance, therefore, there is **NO makeup for a missed exam.**

Final Exam: The final exam is comprehensive and will cover all material covered in class. The final counts towards 30% of your course score. All students must take the final exam.

Attendance: Highly suggested. I adhere to the University policy on attendance (see <http://www.sc.edu/bulletin/ugrad/acadregs.html>). You will lose a full letter grade if you have “excessive” absences as defined by the policy. If you must miss a class due to official reasons, see me in advance. Reminder: there is no makeup for a missed exam.

Cheating: Highly discouraged. Cheating is the wrong thing to do and will result in the maximum penalty.

Electronics: Cell Phones, iPods, LapTops, etc... must be turned off and stowed away during class time. Use of unauthorized electronics during quizzes, tests, and exams will be considered cheating.

Grading:

Grading is based on the following formula that includes your homework score (H), test average (T), and final exam score (F).

$$\text{Course Score} = 0.3*H + 0.4*T + 0.3*F$$

Course Score	Letter Grade
87-100	A
86	B+
76-85	B
75	C+
65-74	C
64	D+
50-63	D
0-50	F