

Physics 111, Winter 2007

Instructor:

Dr. Steve Adams 775-2954 or 255-6737
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Office Hour: 5:05 - 5:55 Wednesday (Room TBA)

Course Objectives:

To become familiar with the fundamental concepts and laws of physics. To be able to think quantitatively and to set up and solve quantitative problems. To be able to apply concepts and laws learned in this course throughout your life.

Required:

Textbook: "Physics", 6th Edition, Giancoli
Concurrent Laboratory Enrollment: PHY 101

Lectures and Recitation:

This course is scheduled for Monday and Wednesday Evenings 6:05 to 7:55 pm. The meeting times shall be structured as follows:

Mondays: Lecture - 6:05 to 7:55 pm (with 10 minute break)

Wednesdays: Recitation - 6:05 to 6:55 pm
 Lecture - 7:05 to 7:55 pm

Reading and Homework Assignments:

The chapters to be covered during each lecture are given on the syllabus under the lecture date. The chapter should be read before that lecture. A homework assignment will be due at the beginning of each recitation. The problems to be turned in are listed in the right hand column of the syllabus. An additional in-class assignment may be given during recitation.

No late homework will be accepted. Homework may be turned in early to the Physics Dept. secretary in 248 Fawcett before recitation (these must be time and date stamped by the secretary). Homework solutions will be posted each week in the hallway across from 248 Fawcett.

Exams:

Two mid-term exams and one final exam will be given on the dates indicated on the syllabus. The format of each exam will be discussed in lecture during the prior week.

Under extreme and documented circumstances, one mid-term exam may be made up. The make-up exam will be given after the second exam and will be comprehensive to the material for the first two exams. The final exam cannot be made up.

Grading:

The two midterm exams each account for 20% of your final grade with the final exam accounting for 35%. Homework will account for 25% of your grade.

Help:

Help is available from your instructor and lab instructor. There is also free tutoring by advanced physics students in 213a Fawcett. Bring your "attempts" when you seek help.

Syllabus

MONDAY	WEDNESDAY	Homework Due Wed
Jan 1 Holiday	Jan 3 Ch. 1-2	
Jan 8 Ch. 2	Jan 10 Ch. 3	Ch.1: 1, 2, 3, 6, 9, 12 Ch.2: 3, 4, 18, 21, 26, 36
Jan 15 Holiday, No Class	Jan 17 Ch. 3	Ch.3: 2, 4, 9, 15, 18, 22
Jan 22 Ch. 4	Jan 24 Exam I (Ch 1-3)	
Jan 29 Ch. 4	Jan 31 Ch. 5	Ch.4: 2, 3, 7, 19, 37 39, 40
Feb 5 Ch. 5	Feb 7 Ch. 6	Ch.5: 2, 3, 4, 7, 8, 13, 28, 31, 42
Feb 12 Ch. 6	Feb 14 Exam II (Ch.4-6)	Suggested:Ch.6: 2, 3, 6, 15, 18, 31, 47, 48, 52, 58
Feb 19 Ch. 7	Feb 21 Ch. 7	Ch.7: 1, 5, 6, 7, 12, 22, 35
Feb 26 Ch. 8	Feb 28 Ch. 8	Ch.8: 2, 6, 7, 9, 15, 16, 22, 27, 28, 35, 45, 47
Mar 5 Ch. 8-9	Mar 7 Ch. 9-10	In-Class Exercise
Mar 12 Ch. 10	Mar 14 FINAL EXAM (8:00 – 10:00 pm)	