

PHYS 1211

Introductory Physics for Science and Engineering Students – Mechanics, Waves,
Thermodynamics
Fall 2007

Course Instructor: Susanne Ullrich

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Class hours: MWF 11:15-12:05

Classroom: 221

Office Hours: MWF 12:05 – 1:00, and by appointment

Required Textbook: “Physics for Scientists and Engineers: A Strategic Approach,” by Randall D. Knight, 2nd edition

Required online homework system: “Mastering Physics”

Course Format: This course consists of three lectures and one lab per week. Each lecture lasts fifty minutes. Before coming to class, you should have read the current chapter in the textbook. We will cover approx. one chapter per week. You will be responsible for all material covered in class and in the assigned textbook readings including sections that are not covered explicitly in the lecture.

Homework: We will be using the Mastering Physics online homework system. Please register following the instructions that are posted on WebCT.

Homework will be assigned for each textbook chapter. Due dates for homework assignments and grading details are listed with each assignment on Mastering Physics. Typically, homework assignment will be available for the period we discuss a textbook chapter in the lecture plus an extra two days. There will be bonus points/deductions for unopened/opened hints, respectively. No late homework will be accepted.

The assignment “Introduction to Mastering Physics” is for practice only and will not count as credit towards your homework grade. I encourage you to take this assignment and explore the features of the homework system, e.g. open hints and submit wrong answers.

Tests: There will be three in-class tests on selected chapters and a final exam (comprehensive). The material to be covered in each test and test dates will be announced in the lecture and posted on WebCT. It is your responsibility to stay informed about all announcements. Make-up exams will not be given, however, the in-class test with the lowest grade will not be counted for your final grade.

You will be allowed to bring to each test and the final exam, a calculator, and *one* original 8.5" by 11" sheet of paper containing constants, formulas, and other information that you might find useful (but no complete solutions to problems, no photocopies of book pages/lecture notes). Both sides of the sheet may be used. The sheet has to be handed in with the test. No formulas or

constants will be provided on the tests. You are not allowed to use anything else during the test. No computers, PDAs (Palm Pilots, et al.), or cell phones. Use of these or other electronic devices during a test is a form of academic dishonesty. If a grade of zero is received as a result of academic dishonesty, that grade will not be dropped.

Quizzes and in-class activity: There will be unannounced quizzes and in-class activities for selected subjects.

Grades: Your grades will be posted on WebCT throughout the semester. I encourage you to check your grades regularly and contact me immediately if e.g. any book keeping or grading mistakes occurred.

Final Grades: The weight of each factor determining your final grade is as follows:

in-class tests:	40%
final exam:	30%
homework:	15%
lab:	10%
Quizzes, in-class activities:	5%
Bonus points will simply be added to the final score.	

Your overall letter grade in this course will be:

A:	100 – 87
A-:	86, 85
B+:	84, 83
B:	82 – 72
B-:	71, 70
C+:	69, 68
C:	67 – 57
C-:	56, 55
D:	54 – 40
F:	39 – 0

Missed tests with a legitimate excuse: Please contact me immediately if you miss/know you will miss any graded work with a legitimate excuse. I consider an excuse legitimate if you can provide written documentation (a note on official letterhead signed by an appropriate authority: e.g. doctor). If you miss one test it will be counted as your lowest grade and dropped. If you miss more than one test with a legitimate excuse please contact me for special arrangements. If you miss the final exam with a legitimate excuse I will take the average of your two highest test grades as your final exam grade.

Withdrawal: The instructor will follow the UGA rules in dealing with requests for withdrawals as published in the UGA Undergraduate Bulletin. You may withdraw from the course with a W until midpoint if an honest effort has been made, i.e. if you have taken the in-class exams and completed a significant number of homework sets.