

PH221-2A/221R-H2, General Physics I, Fall 2006

CH301, Tues. 8:00-9:15; Thurs. 8:00-10:30

Text: *Fundamentals of Physics*, 7th Ed., Halliday, Resnick, & Walker

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Date	Day	Chapter	Section
08/22	T	1, 2	1.1-7; 2.1-4
08/24	Th	2	2.5-10
08/29	T	3	3.1-6
08/31	Th	3, 4	3.7-8; 4.1-4
09/05	T	4	4.5-9
09/07	Th	Review	
09/12	T	Test 1, Chapters 1-4	
09/14	Th	5	5.1-8
09/19	T	5	5.9
09/21	Th	6	6.1-5 (omit 4)
09/26	T	7	7.1-6
09/28	Th	7	7.7-9
10/03	T	8	8.1-5
10/05	Th	8	8.6-8
10/10	T	Review	
10/12	Th	Test 2, Chapters 5-8	
10/17	T	9	9.1-7
10/19	Th	9	9.8-11
10/24	T	10	10.1-6
10/26	Th	10	10.7-10
10/31	T	11	11.1-12
11/02	Th	12	12.1-5 (omit 6, 7)
11/07	T	Review	
11/09	Th	Test 3, Chapters 9-12	
11/14	T	15	15.1-7 (omit 8,9)
11/16	Th	16	16.1-13 (omit 11)
11/21	T	17	17.1-10
11/23	Th	NO CLASS: THANKSGIVING	
11/28	T	Review	
11/30	Th	Test 4, Chapters 15-17	
12/05	T	Review	

Final Comprehensive Exam: Thursday, December 14, 8:00-10:30 a.m.

You MUST be enrolled in PH221R-H2, Tues. 9:30-10:30, no exceptions.
You MUST be enrolled in a Laboratory section, no exceptions.

Fifteen chapters will be covered in 15 weeks, which means about a chapter a week will be covered on average. You will be notified what material covered in class or in the book will be covered on each test. (There will be some omitted sections. See schedule.) Note that although the schedule usually follows closely what is covered on a certain date, it is subject to changes. It is the student's responsibility to be aware of what is to be covered and exact test dates. Class announcements may sometimes be mailed to the UAB email addresses of each student.

You will need a scientific calculator. Like anything else, physics is learned only by practice and learning from mistakes. You will learn most from this class if you ask questions. Follow along as we work examples or demonstrations in class together. Read and think about the text. Practice exercises outside of class. Homework will be assigned regularly as one way to make sure you have an opportunity to practice using concepts with some feedback.

Grading will be calculated using the following weighting scheme:

* Five test scores with lowest test score DROPPED:

test 1: 13% test 2: 13% test 3 : 13% test 4: 13% final score: 13% final score 13%

The final score is entered in the grade book twice. Out of these six scores, the best five will be used. $13\% * 5 = 65\%$, so tests are weighted as 65% of the final grade.

* Homework: 15% of final score

* Lab 20 %

A: 85% or above of possible weighted score earned

B: 75% -84.9%

C: 65%-74.9%

D: 60%-64.9%

Last day to withdraw from course with a "W"Oct 23.

Homework will be submitted using a computer with a web browser as explained in class. You will be shown how to access the homework web site (at <http://webassign.net>) and how to enter your homework to be scored.. (Computers are also available for use on campus.) NO LATE HOMEWORK ACCEPTED.

Your grades will be posted on a web site you can access with your name and a password. (You will only be able to access your own scores.) The grade site is available from links from the class page:

<http://bohr.phy.uab.edu/ph221/grades/>

You will be given instructions on how to access your scores, including final grade.

Office hours: Thurs. 1:20-2:30 pm and by appointment.