

**Physics 121****Syllabus****Spring 2009****Prof. H. H. Chen****Section 0401**Tues 7:00pm- 8:50pm ([PHY 1410](#))Thurs....6:30 pm-7:20pm ([PHY 3306](#))

Tues 5:00pm – 6:50pm (PHY 3306) Lab

Thurs 7:30pm- 8:20pm ([PHY 1402](#)) Dis**Section SES1**Tues 7:00pm- 8:50pm ([PHY 1410](#))Thurs....6:30am-7:20am ([PHY 3306](#))

Thurs 7:30pm – 9:20pm (PHY 3306) Lab

Tu..... 6:00pm- 6:50pm ([PHY 1402](#)) Dis**Office:** Physics 3102A**Phone:** 405-6088, [hsinghenchen@yahoo.com](mailto:hsinghenchen@yahoo.com)**Office Hours:** To be announced**Teaching Assistants:** 401-Andres Cimmarusti, SES1-Dan Campbell**Prerequisites:** MATH 112 or MATH 115**Textbook:** College Physics, First Edition, Knight, Jones and Fields, Addison Wesley.**Important Dates – Spring 2009**

First day of class	January 26, Monday
Mid term #1	February 24, Tuesday
Midterm #2	March 24, Tuesday
Midterm #3	April 28, Tuesday
Last day of this class	May 12, Tuesday
Final Exam	TBA

**Grading**

Homework	20%
Lab (271)	20%
Midterms	30%
Final	30%

**Reading Assignments:** You should read the text for sections listed in the schedule before coming to the lectures and recitations. Materials in the textbook not fully covered in the class should also be read. All sections listed in the schedule may appear in the exams.

**Homework Assignments:** Every Tuesday a set of homework will be assigned to you. They are due a week later at your Discussion Class. No credit will be given to late homework unless for a good reason. Since doing homework is the only way to truly learn physics, I strongly urge you to take them seriously. You may form groups to discuss homework problems together. But you should not copy homework from each other. If you do not do homework you will fail the class for certain. You should write neatly and have the physical reasoning of the problem clearly explained.

**Exams:** Exams are designed to test your understanding of the materials taught, discussed and assigned to you. You are supposed to memorize certain important facts, including definitions,

formulas, principles, laws and theorems. The exam will be closed book. You may bring calculators but no crib sheets. No makeup exams will be given to students for any reason other than being seriously ill with a note from your physician before or immediately after the exam.

## Laboratory

The laboratory experiments are a very important part of this course. **All the laboratories must be completed and reports submitted in order to pass the course.** You are expected to arrive at the laboratory well prepared and deliver.

## Course Schedule:

This course will cover Chapters 1-16 of Knight, Jones and Field, College Physics. The tentative schedule is the following:

Date	Exams	Chapter	Problems
Wk 1 1/27		1	7,8,12,13,15,17,21,28,31,33
Wk 2 2/3		2	5,8,12,14,17,24,26,29,32,35,52,56
Wk 3 2/10		3	7,15,17,23,25,28,31,33,43,48,54,58
Wk 4 2/17		4/5	4-1, 13,18,24,25,56,6,67
Wk 5 2/24		Midterm I, 5	5-4,6,13,16, 20, 23,25,28,35,37,51,63
Wk 6 3/3		6	6-5,10,13,16,19,21,27,32,35,39,45
Wk 7 3/10		7	7-10,16,23,27,33,39,49,64,65, 9-59,64,66,68,70
Wk 8 3/17		Spring Break	
Wk 9 3/24		9/10	10-9,13,19,20,28,35,37,56,70
Wk 10 3/31		11	11-1,5,10,17,20,23,28,36,50,56,58
Wk 11 4/7		Midterm II, Ch.12	
Wk 12 4/14		12/13	12-53,58,69,71, 13-21,41,68
Wk 13 4/21		14	14-39, 50
Wk 14 4/28		Midterm 3, Ch.15	
Wk 15 5/5		15/16	15-20,33,42,53,71, 16-14,19,28,30,71
Wk 16 5/12		Review	
5/??	Exam	Final Exam	All Chapters