

PHYS 1510 College Physics II**Fall 2006****Instructor:** Dr. Fukai **Office:** AL 213**Class:** Lectures 9:30 – 10:45 T & Th PKH 249 Recitation, T; Laboratory, H**Office hr:** 2:30 – 4:00 M, T and by appointment**Text/material:** College Physics-Vol II (7-th ed) by Serway and Faughn**Lecture schedule:**

<u>Week</u>	<u>Tue</u>	<u>Thu</u>	<u>Homework problems</u>
8/16	- - -	Ch. 15	Ch. 15 - 3, 10, 14, 20, 50.
8/21	Ch. 15	Ch. 16	Ch. 16 - 1, 8, 19, 24, 30, 34, 44, 48.
8/28	Ch. 16	Ch. 17	Ch. 17 - 4, 10, 32.
9/04	Ch. 18	Test 1 (9/07)	Ch. 18 - (Q.21,22), 6, 14, 32, 48.
9/11	Ch. 18	Ch. 19	Ch. 19 - 2, 8, 12, 18, 31.
9/18	Ch. 19	Ch. 20	Ch. 20 - (Q.18), 10, 18, 28, 42, 46.
9/25	Ch. 20	Ch. 21	Ch. 21 - 38, 51.
10/02	Ch. 21	Test 2 (10/05)	Ch. 22 - 10, 18, 34, 38, 46.
10/09	Ch. 22	Ch. 22	Ch. 23 - No problems assigned.
10/16	Ch. 23	Ch. 24	Ch. 24 -2, 9, 14, 16.
10/23	Ch. 24	Ch. 25	Ch. 25 - 32, 37, 38.
10/30	Ch. 26	Test 3 (11/2)	Ch. 26 - 6, 9, 14, 32, 40.
11/06	Ch. 26	Ch. 27	Ch. 27 - 3, 12, 14, 20, 40.
11/13	Ch. 28	Ch. 29	Ch. 28 - 12, 14, 33, 36, 41.
11/20	- - -	Recess - - -	Ch. 29 - 8, 10, 18, 22, 38.
11/27	Ch. 30	Test 4 (11/30)	Ch. 30 - No problems assigned.
12/04	Review		

Final (comprehensive): **12/09** (Saturday) 2:00 – 4:30 PM**NOTE:** All tests require a scan sheet (blue). You have to bring one for each test.**Grading:**

4 Test average	55%	A: 90 – 100
Final	25%	B: 80 – 89.9
Lab/Rec (10%/10%)	20%	C: 66 – 79.9
		D: 55 – 65.9
		F: below 55

“Option” - To exercise this option you must inform your intention to the instructor by 12/7(H).

4 Test average	80%
Lab/Rec	20%

Tests: There will be four (4) Tests scheduled as shown in the previous page. The tests are closed book, and no note cards are allowed. A formula sheet will be provided for each test and hand calculators are allowed. **No make-up test** will be given without an official document for excuse. *My advice* Do not miss any test - - - you do not want to take a makeup test._

Homework: Homework will be assigned for each chapter. It will consist of several exercises and problems chosen from the text. You are not required to hand in your work, but during each recitation session you will be asked to work out a question or so that are the same or similar to the assigned homework. (No WebAssign)

Course Policy: The student is responsible for all materials covered and information given in lectures. The instructor reserves the right to make reasonable changes to the course in the event a situation arises which warrants a change. Such changes will be made known to the class when they occur.

Laboratory/Recitation course (PHYS 1511): The laboratory/recitation work is an integral part of the course. The lab/recitation work must be successfully completed. Lab experiments are selected to parallel and complement the topics covered in the lectures. Recitation is to enhance students' problem-solving skills and to help students for better understanding of the materials.