

Phys 4C Light and Modern Physics – 2007 Fall

Course syllabus

(updated on Sept. 25, 2007)

Text book:

Physics for Scientists and Engineers, 6th edition,
by Serway and Jewett, Thomson

Instructor:

Dr. Pei-Chun Ho

Contact information:

Office: McLane Hall # 254

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Phone: 559-278-5990

Office hours: MW 10:00a-11:00a, F 10:00a-11:30a, TuTh 3:30p-4:30p

Prerequisites:

Phys 4B (Electricity, Magnetism, and Heat,) Math 77 (Mathematical Analysis III)

Course website

Please use "BlackBoard"

<http://blackboard.csufresno.edu>

Homework problems

Please use "WebAssign"

<http://www.webassign.net/>

Lecture, Homework, and Exams Schedule

Tu & Th 2:00pm - 3:15pm

Note: (1) Depending on our pace, the coverage of the lectures may change slightly as the session proceeds.

(2) Homework will be available on WebAssign every Friday and due on the following Thursday 11:00 PM

*(3) All exams are **closed book**, and the **required fundamental constants and formulas** will be given.*

*(4) Please prepare at least 3 cards of **scantron 882-E** for the exam usage.*

Week	Tu	Th
1	Aug. 28: ch34	Aug. 30: ch34
2	Sept. 04: ch34& 35	Sept. 06: ch35 HW#1 due
3	Sept. 11: ch35	Sept. 13: ch35&36 HW#2 due
4	Sept. 18: ch36	Sept. 20: ch36 HW#3 due

5	Sept. 25: ch36	Sept. 27 ch 36 HW#4 due
6	Oct. 02: ch36	Oct. 04, 2:00pm-3:15pm: 1st Midterm on ch34-36
7	Oct. 09: ch37	Oct. 11: ch37 HW#5 due
8	Oct. 16: ch38	Oct. 18: ch38 HW#6 due
9	Oct. 23: ch39	Oct. 25: ch39 HW#7 due
10	Oct. 30: ch 40	Nov. 01: ch 40 HW#8 due
11	Nov. 06: ch41	Nov. 08: ch41 HW#9 due
12	Nov. 13, 2:00pm-3:15pm: 2nd Midterm on ch37-41	Nov. 15: ch42
13	Nov. 20: ch 42	Nov. 22: No class!!!
14	Nov. 27: ch 43	Nov. 29: ch 43 HW#10 due
15	Dec. 04: ch44	Dec. 06: ch44 HW#11 due
16	Dec. 11: ch 45	Dec. 13: No class HW# 12 due
17		Dec. 20, 3:30pm-5:30pm Final Exam

Grading

Homework	20%
Two Midterms	46 % (23% each)
Final Exam	34 %

Class participation and quick quizzes can contribute extra 10% to your final grade.

Final letter grade

Final letter grade will be assigned on a 100 point scale as follows:

A	A+	100.00 - 95.00	B	B+	84.99 - 80.00
	A	94.99 - 90.00		B	79.99 - 75.00
	A-	89.99 - 85.00		B-	74.99 - 70.00
C	C+	69.99 - 65.00	D		54.99 - 40.00
	C	64.99 - 60.00			
	C-	59.99 - 55.00			
F		39.99 - 0			

Policy about make-up exams

Either early or make-up exams for two midterms and final will not be allowed by the instructor. If a Midterm is missed for a compelling reason (e.g. illness documented by a physician's note), the part of the grade that midterm would have counted will be voided, and the rest of the grade will be counted as 100%. If the final exam is missed for a compelling reason (e.g. illness documented by a physician's note), the student will receive a grade of "I" (incomplete) for Phys 4c for the semester. It will also be the student's responsibility to contact the university administration in a timely manner, and make the necessary arrangements to remove the "I" grade. Please check "the California State University Fresno General Catalog" for regulation regarding the "I" grade. Only students who can document very compelling reasons to miss final exams, e.g. with a physician's note, will be eligible for incompletes; other students missing the final exam will receive 0% for the grade of final exam.

Academic Dishonesty

Please read University Honor code and the code of Academic Integrity. For information on the University's policy regarding cheating and plagiarism, refer to 2007-2008 University Catalog (Policies and Regulations):

<http://www.csufresno.edu/catoffice/current/policies.html>.

Any confirmed case of cheating will result in an "F" grade in Physics 4C and referral to the appropriate dean for disciplinary action.

Note on Disabilities:

Upon identifying themselves to the instructor and the university, students with disabilities will receive reasonable accommodation for learning and evaluation. For more information, contact Services to Students with Disabilities in University Center Room 5 (559-278-2811).