

PHYSICS 104 Fall 97 - TENTATIVE SYLLABUS (U.CAMERINI)

Text: Serway & Faughn 4th ed.

Lect	Date	Chapter	Lab Topic	Homework Prob.
1	W Sep 8	Ch 15: Coulomb's Law	No Lab	
2	F 5			
3	M 8	Ch 16: Potential	E1-Electrostatics	Ch 15: 4,5,10,12,19,26,33,36,42,61,66
4	W 10			
5	F 12			
6	M 15	Ch17: Currents	E2-Electric fields	Ch 16: 3,6,20,21,23,26,31,40,44,51
7 <i>rightarrow</i>	W 17	Ch 18: DC Circuits		55,65,75
8	F 19			
9	M 22		No Lab	Ch 17:5,8,24,46,58
10	W 24			Ch 18: 3,18,16,17,18
11	F 26	Review		
	F 26	I st ONE HOUR EXAM 7:15 pm Ch XV-XVIII		
12	M 29	Ch19: Magnetism	E4-DC Circuits	Ch 18:19,23,26,34,40,47,51,57,59,63
13	W Oct 1			
14	F 3			
15	M 6	Ch20: Inductance	E7-Induction	Ch 19: 5,16,23,24,36,40,49,53,57,78
16	W 8			
17	F 10			
18	M 13	Ch21: AC Circuits	E8-Oscilloscope	Ch 20:5,6,14,21,26,27,34,41,56,66
19	W 15	EM Waves		
20	F 17			
21	M 20	Ch22: Reflection and Refraction	No Lab	Ch 21: 2,5,10,12,16,18,30,36,42,43
22	W 22			
23	F 24			
	F 24	II nd ONE HOUR EXAM 7:15 pm Ch XVII-XXIII		
24	M 27	Ch 23: Mirrors and Lenses	E9A- AC Circuits	Ch 22:7,8,13,15,16,20,27,35,42,53,60
25	W 29			
26	F 31			
27	M Nov 3	Ch24: Wave Optics	L2-Lenses	
28	W 5			
29	F 7			
30	M 10	Ch25 Optical instruments	No Lab	
31	W 12			
32	F 14			
	F 14	III rd ONE HOUR EXAM 7:15 pm Ch XXIII-XXV		
33	M 17	Ch26: Relativity	L3- Optical Instruments	
34	W 19			
35	F 21			
36	M 24	Ch27: Quantum	No Lab	
37	W 26			
	27-30	THANKSGIVING RECESS		
38	M Dec 1	Ch28: Atomic	L5-Spectrum of Hydrogen	
39	W 3			
40	F 5			
41	M 8	Ch 33: Nuclear	N2-Radioactivity	
42	W 10			
43	F 12			
	F 12	IV th ONE HOUR EXAM 7:15 pm Ch XXV-XXXIII		

Your instructors are:

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Exams

There will be four one hour exams, they will be held at 7:15 pm, Friday Sep 26, Friday Oct 24, Friday Nov 14 and Friday Dec 12

There will be four lecture room quizzes, they will be held on Wed Sep 17, Wed Oct 13, Wed Nov 5, and Wed Dec 3.

IF YOU HAVE A CONFLICT WITH THIS EXAM SCHEDULE DROP THE COURSE NOW!

The exams, and the quizzes will be based on assigned homework, and laboratory exercises.

All needed formulas and constants will be provided on the exam cover sheet. There will be no early, late or makeup exams. If you miss an exam, the average of your other exams will be substituted for the missing score, provided that you have a written excuse from a physician, Dean or academic advisor, or a substantiated unforeseen occurrence.

Homework

The homework is due in class on the due date shown on the syllabus (usually Monday). Solutions to the homework will be distributed in class, on the day following the due date.

Labs

If you have to miss a lab you may go to the scheduled makeup labs or to any other lab to make up a lab you had to miss; make arrangement ahead of time with your TA or come to the weekly instructors meeting Friday at 5:15 pm in room 4331 Sterling. If you have missed two labs, your course grade will be decreased by half a grade point (e.g. A \rightarrow AB); three missed labs will decrease your grade by one grade point (e.g. A \rightarrow B), etc.

You must have a bound quadrilled notebook for your laboratory work. You may not take the lab notebook out of the laboratory.

Final Grade

The final grade will be computed in the following way: quizzes 15%, homework 10%, labs 25%, the four one hour exams are normalized and performance weighted: the better scores count most. They will count 20 %, 15 %, 10 % and 5 %, in order of score. Your attendance at discussion sessions, and consultation hours will be recorded and taken into consideration in cases of borderline lettergrade.

Consultation hours

Will be held in room 2405 Sterling Hall, you may go to the consultation hours of any TA.