

Physics 404: Modern Physics (Fall 2008)

Instructor

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Office Hours

MWF 9:00-10:00 and by appointment.

Text

Introductory Quantum Mechanics by Richard L. Liboff, 4th edition
We will cover chapters 9-14

Grading

20% Homework
20% Midterm 1
20% Midterm 2
40% Final

Midterms

Midterms will be held in class - allowed materials will be announced.

Final

The final will be comprehensive covering material from both midterms as well as material not yet tested up to the date of final

Homework

Homework will be assigned approximately every week, due one week from the date of assignment (see calendar for due dates). No late homework will be accepted as solutions will be given back or posted.

PHYS 404			
Lecture	Date	Chapters	Homework due
1	25-Aug	9.1	
2	27-Aug	9.2	
3	29-Aug	9.3	
4		9.4	
5	3-Sep	9.5	
6	5-Sep	10.1	HW1: 9.2, 9.4, 9.5, 9.7, 9.11(a,c)
7	8-Sep	10.2	
8	10-Sep	10.3	
9	12-Sep	10.4	HW2: 9.19, 9.20, 9.23, 9.25, 9.26, 9.39, 9.45
10	15-Sep	10.5	
11	17-Sep	10.6	
12	19-Sep	10.7	HW3: 10.2, 10.4, 10.10, 10.15, 10.33, 10.34
13	22-Sep	Midterm 1	
14	24-Sep	11.1-11.2	
15	26-Sep	11.3	
16	29-Sep	11.4	
17	1-Oct	11.5	
18	3-Oct	11.6-11.7	HW4: 11.6, 11.7, 11.8, 11.35, 11.40, 11.43
19	6-Oct	11.8	
20	8-Oct	11.9	
21	10-Oct	11.1	
22	13-Oct	11.11	
23	15-Oct	12.1	HW5: 11.45, 11.50, 11.64, 11.67, 11.73, 11.99, 9.33
24	17-Oct	12.2	
25	20-Oct	12.3	
26	22-Oct	12.4	
27	24-Oct	12.5	HW6: 12.4, 12.5, 12.22, 12.42, 12.69
28	27-Oct	12.6	
29	29-Oct	12.7,	
30	31-Oct	Midterm2	
31	3-Nov	13.1	
32	5-Nov	13.2,	
33	7-Nov	13.3	HW7: 13.1, 13.4, 13.9, 13.12, 13.16
34	10-Nov	13.4	
35	12-Nov	13.5	
36	14-Nov	13.6	HW8: 13.20, 13.21, 13.22, 13.28, 13.31
37	17-Nov	13.7	
38	19-Nov	13.8	
39	21-Nov	13.9	
40	1-Dec	13.1	
41	3-Dec	14.1	
42	5-Dec	14.2	HW9: 13.39, 13.41, 13.43, 13.44, 13.51, 13.52, 13.56, 13.61, 13.63, 13.75
43	8-Dec	14.3	
44	10-Dec	14.4	