

Tentative Course Schedule

Week	Day	Date	Lecture Topics	Chapters
1	W	9/5	Introduction to quantum mechanics	1
	F	9/7	Continued	1
2	M	9/10	Continued	1
	W	9/12	Time-independent Schrödinger equation	2
	F	9/14	Continued	2
3	M	9/17	continued	2
	W	9/19	Operators and formalism	3
	F	9/21	Continued	3
4	M	9/24	continued	3
	W	9/26	continued	3
	F	9/28	Spherical coordinates, H-atom, angular momentum, spin	4
5	M	10/1	continued	4
	W	10/3	continued	4
	F	10/5	continued	4
6	M	10/8	continued	4
	W	10/10	Exam 1	
	F	10/12	Identical particles	5
7	M	10/15	continued	5
	W	10/17	continued	5
	F	10/19	Time-independent perturbation theory	6
8	M	10/22	continued	6
	W	10/24	continued	6
	F	10/26	continued	6
9	M	10/29	WKB approximation	8
	W	10/31	continued	8
	F	11/2	continued	8
10	M	11/5	continued	8
	W	11/7	Time-dependent perturbation theory	9
	F	11/9	continued	9
11	M	11/12	continued	9
	W	11/14	continued	9
	F	11/16	Exam 2	
12	M	11/19	Adiabatic approximation	10
	W	11/21	Continued	10
	F	11/23	Thanksgiving recess	
13	M	11/26	Continued	10
	W	11/28	Continued	10
	F	11/30	Scattering	11
14	M	12/3	continued	11
	W	12/5	continued	11
	F	12/7	continued	11
15	W	12/12	8:00 – 11:00 p.m. Final Exam, cumulative	