

\Physics 4700
Quantum Mechanics I
Fall 2016

Due	Topic	Ch	Sections	Problems
Aug 30 Sep 1	Postulates of QM	3	1,2,3,4,5	- 3.1,2,3,4,5
6 8	- Particle in Box, Hilbert Space	4	- 1,2,3,4,5,6	3.10,11,12,15 3.16,17,19
13 15				4.1,3,4,5 4.6,7,10,11,12
20 22				4.13,14,15,17,18 -
27 29	Commutators and Superposition	5 -	1,2,3,4,5	- 5.1,2,4,7,8,9
Oct 4 6+				5.12,15,16,17,18,19 5.20,21,22,23,25,26
11 13	<i>Friday Classes Held</i>	-		
18 20	Time Development, Conservation	6	1,2,3,4	6.6,7,8,9 6.11,13,16,18,19
25 27				6.20,21,23,24,25
1 3	<i>Second Exam (Chapters 5,6)</i> Additional 1-D Problems	7	1,2,3,5,6,7,8	7.2,3,4,5,8,9
8 10				7.10,12,13,14,15 7.19,20,24,34,35
15 17				7.36,37,38,39,40 7.41,43,45,47,48
22 24	Periodic Lattice <i>Thanksgiving Holiday</i>	8	1,2,4,5	8.1,2,3,4,5
29 1				8.9,10,13,15 8.16,20,26,27
6 8				8.29,30,34

Final Exam: Thursday, Dec. 15 11:30-1:20