

PHYSICS 3305 SCHEDULE, SPRING 2008

Date	Reading, Tests, Quizzes	Homework Problems Assigned:
Jan 15 T	Ch 1: Precursors to Modern Physics	
Jan 17 Th	Ch 2 (to 2.3): Special Relativity	Ch 2: 18,20,21,31; 45,51,54,62,70,84,94
Jan 22 T	Ch 2.5+: Relativistic Dynamics HW Ch 2a due; Quiz #1	
Jan 29 T	Ch 3: EM Waves as Particles HW Ch 2b due; Quiz #2	Ch 3: 12,18,19,20,21,26,34,45,49,53
Feb 5 T	Ch 4: Matter Particles as Waves HW Ch 3 due; Quiz #3	Ch 4: 17,18,19,22,24,41,43,48,62,63
Feb 12 T	HW Ch 4 due; Test #1 (Ch 2-3)	
Feb 14 Th	Ch 5: Schrodinger Equation	Ch 5: 24,25,28,33,34; 50,60,61,62,78-82
Feb 19 T	Ch 5: Bound States	
Feb 26 T	Ch 5: Simple Harmonic Oscillator HW Ch 5a due; Quiz #4	
Mar 4 T	HW Ch 5b due; Quiz #5	
Mar 6 Th	Ch 6: Unbound States	Ch 6: 15,16,24,35,45,48,56
Mar 10-15 M	*Spring Break, no class	
Mar 18 T	Test #2 (Ch 4-5)	
Mar 25 T	Ch 6: Potential Barriers	
Apr 1 T	Ch 7: Hydrogen Atom HW Ch 6 due; Quiz #6	Ch 7: 21,32,36,37,38,44,58,68,85
Apr 4 F	practice talks; *last day to drop	
Apr 8 T	Ch 7: Orbital Angular Momentum	
Apr 15 T	Ch 8: Spin HW Ch 7 due; Quiz #7	Ch 8: 28,30,31,35,41,49,50,56,62,80
Apr 18 F	final presentations	
Apr 22 T	Ch 8: Many Electron Atoms Quiz #8	
Apr 24 Th	Ch 10.5-10.8: Semiconductors HW Ch 8 due	Ch 10: 50,57,64,66
Apr 29 T	Review Session; HW Ch 10 due	
May 9 F	Final Exam 11:30am-2:30pm	