

PHYSICS 3305 SCHEDULE, FALL 2007

| Date | Reading, Tests, Quizzes | Homework Problems Assigned: |
|-----------|---|--|
| Aug 23 Th | handout, Scientific Paradigms | |
| Aug 28 T | Ch 2 (to 2.7): Special Relativity | Ch 2: 6,7,19,21,22,26,32,35; 42,48,58,66,68,83 |
| Sep 4 T | Ch 2.8 onward: Relativistic Dynamics HW Ch 2a due; Quiz #1 | |
| Sep 11 T | Ch 3: Experiment & Quantum Th. HW Ch 2b due; Quiz #2 | Ch 3: 3,5,12,19,26,32,42,50 |
| Sep 18 T | Ch 3: Experiment & Quantum | |
| Sep 20 Th | Ch 4: Structure of the Atom | Ch 4: 11,22,31,39,47,48,50 |
| Sep 25 T | HW Ch 3 due; Test #1 (Ch 2-3) | |
| Sep 27 Th | Ch 4: Structure of the Atom | |
| Oct 2 T | Ch 5: Wave Properties of Matter HW Ch 4 due; Quiz #3 | Ch 5: 2,12,19,22,31,34,40,58 |
| Oct 9 T | Ch 6 (to 6.4): Quantum Theory HW Ch 5 due; Quiz #4 | Ch 6: 10,12,22; 26,32,37,38,40 |
| Oct 16 T | Ch 6.5 onward: Quantum Theory HW Ch 6a due; Quiz #5 | |
| Oct 23 T | HW Ch 6b due; Test #2 (Ch 4-6) | |
| Oct 25 Th | Ch 7: Hydrogen Atom | Ch 7: 1,7,11,20,31,34,38,44 |
| Oct 30 T | Ch 7: Hydrogen Atom | |
| Nov 5 M | *last drop date | |
| Nov 6 T | Ch 7: Hydrogen Atom HW Ch 7 due; Quiz #6 | |
| Nov 8 Th | Ch 8: Many Electron Atoms | Ch 8: 1,10 |
| Nov 13 T | Ch 11: Semiconductors HW Ch 8 due, Quiz #7 | Ch 11: 5,10,12,13,14,22,31 |
| Nov 20 T | *Fall Break/Thanksgiving, no class | |
| Nov 27 T | Ch 12/13: Nuclear Physics HW Ch 11 due; Quiz #8 | Ch 12: 6,17,29,51; Ch 13: 3,5,26,49 |
| Dec 4 T | Supplemental Material, Ch 12/13 HW due | |
| Dec 13 Th | Final Exam 8am-11am | |