| **Week** | **Date** | **Topics Covered** | **HW** |
| --- | --- | --- | --- |
| **1** | Jan 7,9,11 | Ch 1: Intro to course, Special Relativity  | Homework 1, due Jan. 14, Monday in class  |
| **2** | Jan 14  16, 18 | Ch 1: Special Relativity Ch 2: Relativistic Dynamics, General Relativity  | Homework 2, due Jan. 23 Wednesday due to Martin Luther King holiday on Jan. 21. |
| **3** | Jan. 21Jan 23, 25 | Martin Luther King Jr. HolidayCh 2: Relativistic Dynamics, General Relativity  | Homework 3, due Jan. 28  |
| **4** | Jan 28-Feb. 1 | Ch 3: Particle Properties of Waves | Homework 4, due Feb. 4 |
| **5** | Feb. 4-8 | Ch 4: Nuclear Atom |  Homework 5, due Feb. 11 |
| **6** | Feb 11Feb 13Feb. 15 | Review for Test 1, Chaps. 1-4Test 1 – in class, 50 minutes Ch 5: Wavelike properties of Particles | Homework 6 (partial), due Feb. 18  |
| **7** | Feb 18-22 | Ch 5: cont |  Homework 6 (remainder), due Feb. 25 |
| **8** | Feb 25-Mar 1 | Ch 6: Schrodinger Equation, Square Well |  Homework 7, due Mar 11 |
| 9 | Mar 4-8 | **SPRING BREAK** |   |
| 10 | Mar 11-15 | Chap. 6 (continued) | Homework 8, due Mar 18 |
| **11** | Mar 18-22 | Ch 7: Atomic Structure/Hydrogen Atom  | Homework 9, due Mar. 25 |
| **12** | Mar 25Mar 27Mar 20 | Review for Test 2: ch 5, 6, 7Test 2 in class, 50 minutesCh 9: Molecular Structure and Spectra  | Homework 10, due Apr 1 ( 😊 ) (for real)  |
| **13** | Apr 1-5 | Ch. 9 continued | Homework 11, due Apr. 8 |
| **14** | Apr 8-12 | Ch. 10: Solid State Physics | Homework 12, due Apr. 15 |
| **14** | Apr 15-19 | Ch 11: Nuclear Atom | Homework 13, due Apr. 22  |
| **15** | Apr 23Apr 25Apr 26-27 | Review of chaps 1-11 (no 8)Final Exam (cumulative, chaps. 1-11) in class, 50 minutesReading days |   |