| **Week** | **Date** | **Topics Covered** | **HW** |
| --- | --- | --- | --- |
| **1** | Jan 4Jan 6 | Ch 1: Intro to course, Special Relativity  | Homework 1, due Jan. 9  |
| **2** | Jan 9, 11, 13 | Ch 1: Special Relativity Ch 2: Relativistic Dynamics, General Relativity  | Homework 2, due Jan. 18, Wednesday  |
| **3** |  Jan 16Jan 18, 20 | Martin Luther King Jr. HolidayCh 2: Relativistic Dynamics, General Relativity  | Homework 3, due Jan. 23  |
| **4** | Jan 23-27 | Ch 3: Particle Properties of Waves | Homework 4, due Jan. 30 |
| **5** | Jan. 30-Feb. 3 | Ch 4: Nuclear Atom |  Homework 5, due Feb. 6 |
| **6** | Feb 6Feb 8Feb. 10 | Review for Test 1, Chaps. 1-4Test 1 – in class, 50 minutes Ch 5: Wavelike properties of Particles | Homework 6 (partial), due Feb. 13  |
| **7** | Feb 13-17 | Ch 5: cont |  Homework 6 (remainder), due Feb. 20 |
| **8** | Feb 20-24 | Ch 6: Schrodinger Equation, Square Well |  Homework 7, due Feb. 27 |
| **9** | Feb 27- Mar 3 | Ch 6: cont |  Homework 8, due Mar. 13 |
| **10** | Mar 6-10 | **SPRING BREAK** |   |
| **11** | Mar 13-17 | Ch 7: Atomic Structure/Hydrogen Atom  | Homework 9, due Mar. 20 |
| **12** | Mar 20Mar 22Mar 24 | Review for Test 2: ch 5, 6, 7Test 2Ch 9: Molecular Structure and Spectra  | Homework 10, due Mar. 27  |
| **13** | Mar 27-31 | Ch. 9 continued | Homework 11, due Apr. 3 |
| **14** | Apr 3-7 | Ch. 10: Solid State Physics | Homework 12, due Apr. 10 |
| **15** | Apr 10-14 | Ch 11: Nuclear Atom | Homework 13, due Apr. 17  |
| **16** | Apr 17Apr 19Apr20-21 | Review of chaps 1-11 (no 8)Makeup Test in class for those with excused absences for either Test 1 or Test 2Reading days |   |