| **Week** | **Date** | **Topics Covered** | **HW** |
| --- | --- | --- | --- |
| **1** | Jan 8,10,12 | Ch 1: Intro to course, Special Relativity  | Homework 1, due Jan. 17 (mailbox by room 2132), Wednesday  |
| **2** | Jan 15 17, 19 | Martin Luther King Jr. HolidayNo class, see special assignment on Elearning/Canvas | Homework 2, due Jan. 22 |
| **3** | Jan 22-26 | Ch 2: Relativistic Dynamics, General Relativity  | Homework 3, due Jan. 29  |
| **4** | Jan 29-Feb. 2 | Ch 3: Particle Properties of Waves | Homework 4, due Feb. 5 |
| **5** | Feb. 5-9 | Ch 4: Nuclear Atom |  Homework 5, due Feb. 12 |
| **6** | Feb 12Feb 14Feb. 16 | Review for Test 1, Chaps. 1-4Test 1 – in class, 50 minutes Ch 5: Wavelike properties of Particles | Homework 6 (partial), due Feb. 19  |
| **7** | Feb 19-23 | Ch 5: cont |  Homework 6 (remainder), due Feb. 26 |
| **8** | Feb 26-Mar 2 | Ch 6: Schrodinger Equation, Square Well |  Homework 7, due Mar 12 |
| 9 | Mar 5-9 | **SPRING BREAK** |   |
| 10 | Mar 12-16 | Chap. 6 (continued) | Homework 8, due Mar 19 |
| **11** | Mar 19-23 | Ch 7: Atomic Structure/Hydrogen Atom  | Homework 9, due Mar. 26 |
| **12** | Mar 26Mar 28Mar 30 | Review for Test 2: ch 5, 6, 7Test 2Ch 9: Molecular Structure and Spectra  | Homework 10, due Apr 2  |
| **13** | Apr 2-6 | Ch. 9 continued | Homework 11, due Apr. 9 |
| **14** | Apr 9-13 | Ch. 10: Solid State Physics | Homework 12, due Apr. 16 |
| **14** | Apr 16-20 | Ch 11: Nuclear Atom | Homework 13, due Apr. 23  |
| **15** | Apr 23Apr 25Apr 26-27 | Review of chaps 1-11 (no 8)Makeup Test in class for those with excused absences for either Test 1 or Test 2Reading days |   |