Aug 26 - Sept 16

Chapter 1, 2
1. Introduction
2. Units and Measurements
3. Motion, Velocity, Acceleration

Chapter 3
1. Newton’s Laws of Motion
2. Force, Impulse, Momentum
3. Law of Gravitation

Chapter 4
1. Work, Energy
2. Conservation Laws-Momentum Conservation
   Sep 19

Midterm Test 1             Sep 18, 2002 (Wednesday)

Sep 20 - Oct 14

Chapter 5
1. Heat transfer and temperature
2. Conduction, Convection and Radiation

Chapter 8
1. Light Radiation and properties of light
2. Diffraction, Interference and Polarization
3. Electro-magnetic Spectrum, Rainbows

Chapter 9
1. Atomic Structure
2. Quantum Physics
3. Electronic Configuration

Chapter 10
1. Classification of Matter
2. Semiconductors
3. Periodic Table
Chapter 12
1. Chemical Formulas
2. Chemical Equations
3. Balancing the equations

Midterm Test 2 – Oct 16,2002 (Wednesday)
Oct 18,2002 - Fall Break - No Classes

Oct 21 –Dec 6

Chapter 15
1. Natural Radioactivity
2. Nuclear Radiation
3. Nuclear Energy

Chapter 16
1. Night Sky
2. Stars
3. Life of a Star
4. Galaxies
5. Dark Matter and ET

Chapter 17
1. Solar System
2. Planets and small bodies of solar system
3. Planetary Explorations
4. Apollo Program

Chapter 19
1. Crystal Structures
2. Mineralogy
3. Rocks

Chapter 20
1. Inside the Earth
2. Volcanoes
3. Earth Quakes and Plate Tectonics

Review for final Exam Dec 9,2002

Final Exam Dec 11,2002 (Wednesday 10.30am-12.30pm)