Fall 2014:

Sept. 1–5 Math Primer: Trigonometry, Vectors, and Calculus Review
   Chapter 1: Units, Physical Quantities

Sept. 8-12 Chapter 2: 1-D Kinematics

Sept. 15-19 Chapter 3: Kinematics in 2- and 3-D
   Chapter 3: Relative and Circular Motion

Sept. 22-26 Chapter 4: Newton’s Laws

Sept. 29-30 Review for Exam 1

----- Oct. 1 (Wednesday evening) Exam 1 (Ch.1-3)

Oct. 1-3 Chapter 5: Applications of Newton’s Laws, Types of Forces, Friction

Oct. 6-10 Chapter 6: Work, Kinetic Energy, Work-Energy Theorem

Oct. 13-17 Chapter 7: Conservative Forces and Potential Energy,
   Conservation of Energy

Oct. 20-24 Chapter 8: Center of Mass, Momentum, Conservation of Momentum,
   Collisions

Oct. 27-28 Review for Exam 2

----- Oct. 29 (Wednesday evening) Exam 2 (Ch.4-7)

Oct. 29-31 Chapter 9: Rotational Kinematics and Moment of Inertia

Nov. 3-7 Chapter 10: Torque, Dynamics of Rotation, Conservation of Angular
   Momentum

Nov. 10-14 Chapter 11: Statics and Elasticity

Nov. 17-21 Chapter 13: Gravitation and Kepler’s Laws, and Review for Exam 3
   (Nov. 21 is last day to Q-drop)

----- Nov. 24 (Monday evening) Exam 3 (Ch.8-11)

Nov. 24-26 Chapter 14: Simple Harmonic Motion
   (Nov. 27-28 is Thanksgiving Holiday)

Dec. 1-5 Chapter 14: Pendula
   Chapter 15, Sec. 1-4: Mechanical Waves

Dec. 8-9 Review for Final Exam

LAB: Diagnostic Test

LAB: Exam Review

Experiment 1 (Measurement)

Experiment 2 (Vectors)

NO LAB

Experiment 3 (Acceleration due to Gravity)

Experiment 4 (Air Resistance)

Experiment 7 (Elastic Collisions)

Experiment 6 (Rotational Kinematics)

Experiment 5 (Torque)

Make-up Lab (Simple Pendulum)

LAB: Exam Review

LAB: Diagnostic Test

NO LAB