Physics 131: Tentative Lab Schedule

Aug. 29, 30  Lab 1: Measurements, Uncertainty, Excel (Reaction Time) (Ch. 1)
Sept. 5, 6   Labor Day! No Classes
Sept. 12, 13 Lab 2: Analyzing Motion: Terminal Velocity of Beads in Water (Ch. 2: 2.2 & 2.3)
Sept. 19, 20 Lab 3: Free fall: Bouncing Superball (Ch. 3: 3.3)
Sept. 26, 27 Lab 4: Newton’s 2nd Law of Motion: Air track (Ch. 4: 4.2 & 4.3)
Oct. 3, 4    Lab 5: Uniform Circular Motion (Ch. 5: 5.1 – 5.3)
Oct. 10, 11 Fall Break! No Classes
Oct. 17, 18 Lab 6: Mechanical Energy: Atwood’s Machine (Ch. 6: 6.3 – 6.5)
Oct. 24, 25 ------------ Lab Mid-term Exam ------------
Oct. 31, Nov. 1 Lab 7: Momentum, Collisions (Ch. 7: 7.2 – 7.4)
Nov. 7, 8    Lab 8: Rotational Dynamics (Ch. 9: 9.4)
Nov. 14, 15  Lab 9: Empirical Pendulum (Ch. 10: 10.4)
Nov. 21, 22  Lab 10: Hooke’s Law, Simple Harmonic Motion: curve fitting (Ch. 10)
Nov. 28, 29  Lab 11: Specific Heat (Ch. 12: 12.7 & 12.8)
Dec. 5, 6    Lab 12: Standing Waves on a String (Ch. 16:16.1-16.3 and Ch. 17: 17.5)

---------------------- Final Exam -------------------------------

All schedules are tentative and are subject to change.