

Syllabus of Physics 2A for Spring 2008

Prof. Yongsheng Gao

Date	Lecture	Assignment
1/15–1/18 Quiz 0	Intro/Math Review/Units, measurements significant figures, conversion, coordinates	http://webassign.net/
1/22–1/25 Quiz 1	Motion in 1-D: Displacement, velocity, etc Kinematics in 1-D, Free Fall	http://webassign.net/
1/28–2/1 Quiz 2	Vector, Kinematics in 2-D Projectile Motion, Relative Velocity	http://webassign.net/
2/4–2/8 Quiz 3	Newton's Laws of Motion Applying Newton's Laws	http://webassign.net/
2/11–2/15 Exam 1	Review & Exam 1 (Ch.1 – Ch.3) Applying Newton's Laws	Exam 1 http://webassign.net/
2/19–2/22 Quiz 4	Work, KE, PE, Work-Energy, etc Conservation of Energy, Power, Work	http://webassign.net/
2/25–2/29 Quiz 5	Momentum, Impulse, Moment. Conser. Glancing Collisions, Rockets	http://webassign.net/
3/3–3/7 Quiz 6	Angular speed, Rotational motion Centripetal Acceleration, Law of Gravity	http://webassign.net/
3/10–3/14 Exam 2	Exam 2 (Ch.4 – Ch.7) Return of Exam 2, Review	Exam 2 http://webassign.net/
3/17–3/21	Spring Break	Spring Break
3/24–3/28 Quiz 7	Rotational Equilibrium Angular Momentum	http://webassign.net/
4/1–4/4 Quiz 8	Solids and Fluids Buoyant Forces, Archimedes's Principle	http://webassign.net/
4/7–4/11 Quiz 9	Thermal Physics, Ideal Gas Thermal Physics, Ideal Gas	http://webassign.net/
4/14–4/18 Quiz 10	Heat, Internal Energy, Specific Heat Latent Heat, Energy Transport	http://webassign.net/
4/21–4/25 Exam 3	Exam 3 (Ch.8 – Ch.10) 1st, 2nd Laws of TD, Entropy	Exam 3 http://webassign.net/
4/28–5/2 Quiz 11	1st, 2nd Laws of TD, Entropy Vibration and Waves	http://webassign.net/
5/5–5/7 Review/Help Session	Review/Help Session Last day of Instruction on May. 7	http://webassign.net/
Final Exam	Wednesday (5/14): 3:30pm – 5:30pm	Final (accumulative)