

	Date	Reading Assignment	Homework (WebAssign)	Lecture	Lab
1	Recitation 1 – Position Vectors				1. Online only: Lab Orientation
	Tues Jan 10	1.1-1.5		1. Matter & Interactions	
	Thurs Jan 12	1.5-1.11	HW 1 due midnight	2. Momentum & Relativity	
2	Recitation 2 – Velocity Vectors				2. Vectors & VPython
	Tues Jan 17	2.1-2.6	HW 2	3. The Momentum Principle	
	Thurs Jan 19	2.7-2.8 3.1-3.4	HW 3	4. Fundamental Interactions	
3	Recitation 3- Interactions				3. Motion & Modeling
	Tues Jan 24	3.5-3.15	HW 4	5. Predicting Motion	
	Thurs Jan 26	4.1-4.8	HW 5	6. Model of Solids	
4	Recitation 4 - Predicting Motion				4. Gravity & Moon Voyage
	Tues Jan 31	4.9-4.13	HW 6	7. Sound & Pressure	
	Thurs Feb 2	5.1-5.7	HW 7	8. Rate of Change of Momentum - I	
5	Recitation 5 - Rate of Change of Momentum				5. Spring-Ball Model of Matter
	Tues Feb 7	5.1-5.7	HW 8	9. Rate of Change of Momentum - II	
	Evening EXAM I 8:00-9:30 PM –WED. FEB 8, ELLIOTT HALL				
	Thurs Feb 9			(Lecture Canceled)	
6	Recitation 6 – Energy Principle I				6. Energy of Bouncing Ball & Grav Orbits
	Tues Feb 14	6.1-6.7	HW 9	10. The Energy Principle	
	Thurs Feb 16	6.8-6.14	HW 10	11. Potential Energy	
7	Recitation 7 – Energy Principle II				7. Modeling Spring Motion
	Tues Feb 21	6.15-6.17 7.1-7.2	HW 11	12. Internal Energy	
	Thurs Feb 23	7.3-7.9	HW 12	13. Open vs. Closed Systems	
8	Recitation 8 – Energy Diagrams				8. Energy in Grav. Orbits
	Tues Feb 28	7.10-7.12	HW 13	14. Friction	
	Thurs Mar 1	8.1-8.8	HW 14	15. Energy Quantization	

9	Recitation 9 – Systems with Internal Energy				9. Energy, Power, Internal Energy
	Tues Mar 6	9.1-9.4	HW15	16. Multiparticle Systems	
	Evening EXAM II – 8:00-9:30 PM – WED. MAR. 7, ELLIOTT HALL				
	Thurs Mar 8			(Lecture Canceled)	
10	MAR 12 – 17, SPRING BREAK (No lectures, No recitations)				(no labs)
11	Recitation 10 – Quantum System, Real and Point Particle Systems				10. Real & Point Particle Systems
	Tues Mar 20	9.3-9.5	HW 16	17. Moment of Intertia	
	Thurs Mar 22	10.1-10.7	HW 17	18. Collisions & Scattering	
12	Recitation 11 – Collisions				11. Rutherford Scattering
	Tues Mar 27	11.1-11.3	HW 18	19. Angular Momentum	
	Thurs Mar 29	11.4-11.7	HW 19	20. Angular Momentum in a Multiparticle System	
13	Recitation 12 – Angular Momentum - I				12. Angular Momentum
	Tues Apr 3	11.8-11.11	HW 20	21. Quantization of Angular Momentum	
	Thurs Apr 5	12.1-12.2	HW 21	22. Statistics and Thermodynamics	
14	Recitation 13 – Angular Momentum - II				13. Entropy & Temperature
	Tues Apr 10	12.3-12.5	HW 22	23. Temperature	
	EVENING EXAM III- 8:00-9:30 PM - WED. APR 11, ELLIOTT HALL				
	Thurs Apr 12			(Lecture Canceled)	
15	Recitation 14 – Entropy and Temperature				14. Heat Capacity
	Tues Apr 17	12.6	HW 23	24. Heat Capacity	
	Thurs Apr 19	12.7	HW 24	25. Boltzmann Distribution	
16	Recitation 15 – Entropy, Temperature, and Heat Capacity				(no labs)
	Tues Apr 24	12.8	HW 25	26. Kinetic Theory of Gases	
	Thurs Apr 26			Review	