

	Date	Reading Assignment	Homework (WebAssign)	Lecture	Lab	
1	Recitation 1 – Newton’s First Law of Motion					1. Lab Orientation
	1. Tues Aug 23	1.1-1.5	HW 1 due midnight	1. Matter & Interactions		
	2. Thurs Aug 25	1.5-1.11	HW 2	2. Momentum & Relativity		
2	Recitation 2 – Velocity Vectors					2. Iterative Vector Modeling
	3. Tues Aug 30	2.1-2.6	HW 3	3. The Momentum Principle		
	4. Thurs Sept 1	2.7-2.8 3.1-3.4	HW 4 HW 5	4. Fundamental Interactions		
3	Recitation 3- Predicting Motion					3. Fancart I
	5. Tues Sept 6	3.5-3.17	HW 6	5. Predicting Motion		
	6. Thurs Sept 8	4.1-4.8	HW 7	6. Model of Solids		
4	Recitation 4 - Multiparticle Systems					4. Gravitational Force and Moon Voyage
	Tues Sept 13	EXAM 1 – Tuesday, SEPT 13, 6:30 – 7:30 PM ELLIOTT HALL - NO LECTURE				
	7. Thurs Sept 15	4.9-4.15	HW 8	7. Sound & Pressure		
5	Recitation 5 – Rate of Change of Momentum					5. Spring-Ball Model of Matter
	8. Tues Sept 20	5.1-5.6	HW 9	8. Rate of Change of Momentum - I		
	9. Thurs Sept 22	5.7-5.10	HW 10	9. Rate of Change of Momentum - II		
6	Recitation 6 – Energy Principle I					6. Energy of Bouncing Ball
	10. Tues Sept 27	6.1-6.7	HW 11	10. The Energy Principle		
	11. Thurs Sept 29	6.8-6.14	HW 12	11. Potential Energy		
7	Recitation 7 – Energy Principle II					7. Energy in Orbits
	12. Tues Oct 4	6.15-6.17 7.1-7.3	HW 13	12. Internal Energy		
	13. Thurs Oct 6	7.4-7.9	HW 14	13. Open vs. Closed Systems		
8	Recitation 8 – Multiparticle Energy Principle					NO LAB
	14. Tues Oct 11	October Break				
	15. Thurs Oct 13	7.10-7.12	HW 15	14. Friction		
9	Recitation 9 – Systems with Internal Energy					8. Modeling Spring Motion
	Tues Oct 18	EXAM II – Tuesday, OCT. 18, 6:30-7:30 PM ELLIOTT HALL - NO Lecture				
	16. Thurs Oct 20	8.1-8.10	HW 16	15. Energy Quantization		

10	Recitation 10 – Quantum Systems, Real and Point Particle Systems				9. Energy, Power, Internal Energy
	17. Tues Oct 25	9.1-9.3	No Assignment	16. Multiparticle Systems I	
	18. Thurs Oct 27	9.1-9.3	HW 17	17. Multiparticle Systems II	
11	Recitation 11 – Collisions				10. Real & Point Particle Systems
	19. Tues Nov 1	9.1 – 9.3	HW 18	18. Multiparticle Systems III	
	20. Thurs Nov 3	10.1-10.11	HW 19	19. Collisions & Scattering	
12	Recitation 12 – The Angular Momentum Principle - I				11. Rutherford Scattering
	21. Tues Nov 8	11.1 - 11.3	HW 20	20. Angular Momentum	
	22. Thurs Nov 10	11.4 - 11.7	HW 21	21. Angular Momentum in a Multiparticle System	
13	Recitation 13 – Angular Momentum - II				12. Angular Momentum
	23. Tues Nov 15	11.8 – 11.11	HW 22	22. Quantization of Angular momentum	
	24. Thurs Nov 17	EXAM III – THURS. NOV. 17, 6:30-7:30 PM ELLIOTT HALL – NO LECTURE			
14	No Recitation				NO LAB
	25. Tues Nov 22	12.1-12.2	No Assignment	23. Statistics and Thermodynamics	
	26. Thurs Nov 24	THANKSGIVING BREAK			
15	Recitation 14 – Entropy, Temperature, and Heat Capacity				13. Entropy & Temperature
	27. Tues Nov 29	12.3 -12.5	HW 23	24. Temperature	
	28. Thurs Dec 1	12.6 – 12.7	No Assignment	25. Heat Capacity	
16	Recitation 15 – Entropy, Temperature, and Heat Capacity				14. Heat Capacity
	29. Tues Dec 6	12.8	HW 24	26. Boltzmann Distribution	
	30. Thurs Dec 8			Review	