Mon Jan 24	Chapter 1: Newton's	Conceptual review
Wed Jan 26	Laws of Motion	Mathematical review: vector equations, etc.
Fri Jan 28	Ol (Drainstilles	Drag; Numerical solutions workshop
Man Jan 24	Chapter 2: Projectiles	Analytic colutions for projectile motion
Wood Tab 2 HW 1		Charged particle in P and E fields
	Chapter 2: Momentum	Mathematical basis: reckate: angular
FII Feb 4	& Angular Momentum	momentum and moment of inertia
Mon Feb 7		Impulse work kinetic and potential energy
Wed Feb 9 HW 2	Chapter 4:	Potential energy functions and what they're good for
Fri Feb 11	Energy	Energy conservation and applications:
	Chapter 5:	damped oscillators
Mon Feb 14	Oscillations	Driven damped oscillators; resonance
Wed Feb 16 HW 3	-	Frequency domain analysis and applications
Fri Feb 18	Chapter 9:	Apparent forces in accelerating and rotating
	Mechanics in	reference frames
Mon Feb 21	Noninertial Frames	Tides
Wed Feb 23 HW 4		Review and discussion
Fri Feb 25		Exam
Mon Feb 28	Chapter 6: Calculus	Euler-Lagrange equation
Wed Mar 2	of Variations	The brachistochrone
Fri Mar 4 HW 5	Chapter 7:	Lagrange's equations; basic applications
	Lagrange's	
Mon Mar 7	Equations	More applications of Lagrange's equations
Wed Mar 9		Lagrangian problem-solving workshop
Fri Mar 11 HW 6		Dealing with constraints; conservation laws
Mon Mar 14	Chapter 8:	Equivalent one-dimensional problem
Wed Mar 16	Two-body Central	Conservation of angular momentum and energy
	Force Problems	All about orbits
Fri Mar 18		
Fri Mar 18		
Fri Mar 18	Spring	Break
Fri Mar 18	Spring Chapter 14:	Break Impact parameter and scattering angle
Mon Mar 28 Wed Mar 30 HW 8	Spring Chapter 14: Collision Theory	Break Impact parameter and scattering angle Total and differential cross sections
Mon Mar 28 Wed Mar 30 HW 8 Fri Apr 1	Spring Chapter 14: Collision Theory	Break Impact parameter and scattering angle Total and differential cross sections Rutherford scattering;
Mon Mar 28 Wed Mar 30 HW 8 Fri Apr 1	Spring Chapter 14: Collision Theory Chapter 13:	Break Impact parameter and scattering angle Total and differential cross sections Rutherford scattering; Hamilton's equations
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