

Tentative schedule - Check course website for updates.				
Physics 410 - Spring 2020- Prof. Hall			Suggested reading:	
Week	Date	Lecture Topics	(Taylor)	Homework Due
1	28-Jan	Introduction	Ch. 1	
	30-Jan	Newton's Laws	Ch. 1	
LZ	31-Jan	Projectiles and drag	Ch. 2	
2	4-Feb	Charged particles	Ch. 2	1
	6-Feb	Momentum	Ch. 3	
	7-Feb	Momentum	Ch. 3	2
3	11-Feb	Work-Energy Theorem	Ch. 4	
	13-Feb	1D potentials	Ch. 4	
LZ	14-Feb	Exam 1 review (Ch. 1 - 4)		3
4	18-Feb	Exam 1 (Ch. 1 - 4)		
	20-Feb	1D oscillator	Ch. 5	
	21-Feb	1D oscillator	Ch. 5	
5	25-Feb	1D oscillator	Ch. 5	
	27-Feb	Lagrangian Mechanics	Ch. 7	
LZ	28-Feb	Lagrangian Mechanics	Ch. 7	4
6	3-Mar	Lagrangian Mechanics	Ch. 7	
	5-Mar	Hamilton's Principle & Calculus of Variations	Ch. 6	
	6-Mar	Hamilton's Principle & Calculus of Variations	Ch. 6	5
7	10-Mar	Hamilton's Principle & Calculus of Variations	Ch. 6	
	12-Mar	Hamiltonian Mechanics	Ch. 13	6
LZ	13-Mar	Hamiltonian Mechanics	Ch. 13	
		Spring Break		
	24-Mar	Classes canceled		
	26-Mar	Classes canceled		
LZ	27-Mar	Classes canceled		
9	31-Mar	Hamiltonian Mechanics	Ch. 13	
	2-Apr	Central Force Motion	Ch. 8	
	3-Apr	Central Force Motion	Ch. 8	7
10	7-Apr	Central Force Motion	Ch. 8	
	9-Apr	Central Force Motion	Ch. 8	
LZ	10-Apr	Exam 2 review		8
11	14-Apr	Exam 2		
	16-Apr	Rigid Body Kinematics	Ch. 10	
	17-Apr	Rigid Body Dynamics	Ch. 10	
12	21-Apr	Rigid Body Dynamics	Ch. 10	
	23-Apr	Rigid Body Dynamics	Ch. 10	
LZ	24-Apr	Non-inertial frames	Ch. 9	9
13	28-Apr	Non-inertial frames	Ch. 9	
	30-Apr	Non-inertial frames	Ch. 9	
	1-May	Special topics	TBD	10
14	5-May	Special topics	TBD	
	7-May	Special topics	TBD	
LZ	8-May	Special topics	TBD	11
15	12-May	Exam review		
	14-May	Final Exam - 8 to 10 am		