Tentative schedule - Check course website for updates.				
Physics 410 - Spring 2015 - Prof. Hall			Suggested reading:	
Week	Date	Lecture Topics	(Taylor)	Homework Due
1	27-Jan	Introduction	Ch. 1	
	29-Jan	Newton's Laws	Ch. 1	
	30-Jan	Projectiles and drag	Ch. 2	
2	3-Feb	Charged particles	Ch. 2	
	5-Feb	Momentum	Ch. 3	1
	6-Feb	Work-Energy Theorem	Ch. 4	
3	10-Feb	1D potentials	Ch. 4	
	12-Feb	1D oscillations	Ch. 5	2
	13-Feb	1D oscillations	Ch. 5	
4	17-Feb	University closed.		
	19-Feb	Exam 1		
	20-Feb	Lagrangian Mechanics	Ch. 7	
5	24-Feb	Lagrangian Mechanics	Ch. 7	
	26-Feb	Lagrangian Mechanics	Ch. 6	3
	27-Feb	Hamilton's Principle & Calculus of Variations	Ch. 6	
6	3-Mar	Hamilton's Principle & Calculus of Variations	Ch. 8	
	5-Mar	University closed.	Ch. 8	
	6-Mar	University closed.	Ch. 8	
7	10-Mar	Hamiltonian Mechanics	Ch. 13	4
	12-Mar	Hamiltonian Mechanics (Guest Lecturer)	Ch. 13	5
	13-Mar	Rutherford Scattering	Ch. 14	
		Spring Break		
8	24-Mar	Exam 2 review (Guest lecturer)		
	26-Mar	Exam 2		
	27-Mar	Central Force Motion (Guest Lecturer)	Ch. 8	
9	31-Mar	Central Force Motion	Ch. 8	
	2-Apr	Central Force Motion	Ch. 8	6
	3-Apr	Rigid Body Kinematics	Ch. 10	
10	7-Apr	Rigid Body Kinematics	Ch. 10	
	9-Apr	Rigid Body Dynamics	Ch. 10	7
	10-Apr	Rigid Body Dynamics	Ch. 10	
11	14-Apr	Rigid Body Dynamics	Ch. 10	
	16-Apr	Non-inertial frames	Ch. 9	8
	17-Apr	Non-inertial frames	Ch. 9	
12	21-Apr	Exam 3 review		
	23-Apr	Exam 3		
	24-Apr	Special relativity	Ch. 15	
13	28-Apr	Special relativity	Ch. 15	
	30-Apr	Special relativity	Ch. 15	9
	1-May	Special relativity	Ch. 15	
14	5-May	Special relativity	Ch. 15	
	7-May	Special relativity	Ch. 15	
	8-May	Special relativity	Ch. 15	
15	12-May	Exam review		10
	14-May	Final Exam - 8:00 am - 10:00 am		