			Phys101 Calendar (Summer 2013, Subject to Change)	
WK	Date	Lec	Topics	Ref
1	Mon 05/06	1	Course info, introduction	Notes, Ch1
	Wed 05/08	2	1-D Kinematics: velocity, speed and acceleration	Ch2
	Fri 05/10	3	Vectors, projectile motion, relative motion	Ch 3
2	Mon 05/13	4	Newton's laws of motion, Forces, Free body diagram	4-1,2,3,4,5,6,7
	Wed 05/15	5	Free body diagram, Friction	4-7,8
	Fri 05/17	6	Circular motion	5-1,2,3,5,6,7,8
3	Mon 05/20		Victoria Day	
	Wed 05/22	7	Work, Dot product, the Work-energy principle	6-1,2,3
	Fri 05/24	8	Potential energy and conservative forces	6-4,5
4	Mon 05/27	9	Conservation of Mechanical energy, Power	6-6,7,8,9,10
	Wed 05/29	10	Linear momentum, collisions, centre of mass	7-1,2,3
	Fri 05/31	11	Linear momentum, collisions, centre of mass	7-4,5,6,7,8,9,10
5	Mon 06/03	12	Examples	
	Wed 06/05	13	Examples	
	Fri 06/7		Midterm#1	
6	Mon 06/10	14	Rotational Motion	8-1,2,3
	Wed 06/12	15	Rotational dynamics	8-4,5,6
	Fri 06/14	16	Rotational kinetic energy and angular momentum	8-6,7,8
7	Mon 06/17	17	Rotational kinetic energy and angular momentum	8-6,7,8
	Wed 06/19	18	Rotational kinetic energy and angular momentum	8-6,7,8
	Fri 06/21	19	Statics	9-1,2
8	Mon 06/24	20	Statics, Elasticity, stress and strain	9-3,4,5
	Wed 06/26	21	Examples	
	Fri /06/28		Midterm#2	
9	Mon 07/01		Canada Day	
	Wed 07/03	22	Fluids: Pressure, Pascal's principle	10-1,2,3,4,5,6
	Fri 07/05	23	Buoyancy	10-6,7
10	Mon 07/8	24	Fluid flow and Bernoulli's equation	10-8,9,10
	Wed 07/10	25	Viscosity and Poiseuille's law	10-11,12
	Fri 07/12	26	Simple harmonic motion	11-1,2,3
11	Mon 07/15	27	Pendula and other oscillations	11-4,5
	Wed 07/17	28	Waves	11-7,8,9,10,11,16.
	Fri 07/19	29	Waves	11-11,12,13,16
12	Mon 07/22	30	Sound	12-1,2,7
	Wed 07/24	31	Doppler effect	12-1,2,7
	Fri 07/26	32	Examples	
13	Mon 07/29	33	Heat	14-1,2,3,4,5
	Wed 07/31	34	Heat Transfer	14-6,7,8
	Fri 08/02	35	Examples	
14	Mon 08/05		BC Day	
	Tue 08/06		Final Exam (8:30-11:30am)	