

				Phys101 Calendar (Subject to Change)	
wk	Date	Lec	Assign.	Topics	Ref
1	Mon 01/05	1		Course info, introduction	Notes, Ch1
	Wed 01/07	2		1-D Kinematics: velocity, speed and acceleration	Ch2
	Fri 01/09	3	#1 Due	Vectors, projectile motion	3-1,2,3,4,5
2	Mon 01/12	4		Projectile motion, relative motion	3-6,7,8,9
	Wed 01/14	5	#2 Due	Newton's laws of motion, Forces, Free body diagram	4-1,2,3,4,5,6,7
	Fri 01/16	6		Free body diagram, Friction	4-7,8; 5.1
3	Mon 01/19	7		Circular motion; Drag	5-2,3,4,6
	Wed 01/21	8	#3 Due	Circular motion	6-1,2,3,4,7
	Fri 01/23	9		Examples	
4	Mon 01/26	10			
	Wed 01/28	11	#4 Due	Work, Dot product of two vectors, Work-energy theorem	7-1,2,3,4
	Fri 01/30	12		Problem solving	Notes
5	Mon 02/02	13		Work, Dot product of two vectors, Work-energy theorem	7-1,2,3,4
	Wed 02/04	14	#5 Due	Potential energy and conservative forces	8-1,2,3,4,5,6,7,8
	Fri 02/06	15		Potential energy and conservative forces	8-1,2,3,4,5,6,7,8
6	Mon 02/9	16		Examples	
	We 02/11	17	#6 Due	Problem solving	Notes
	Fri 02/13			Midterm#1	
7	Mon 02/16			Reading Break	
	Wed 02/18	18		Linear momentum, collisions, centre of mass	9-1,2,3,4,5,6,7,8,9
	Fri 02/20	19		Linear momentum, collisions, centre of mass	9-1,2,3,4,5,6,7,8,9
8	Mon 02/23	20		Rotational kinematics and energy	10-1,2,3
	Wed 02/25	21	#7 Due	Rotational dynamics	10-4,5,6,7,8,9
	Fri 02/27	22		Angular momentum	11-1,2,3,4,5,6,7
9	Mon 03/02	23		Conservation of angular momentum	11-1,2,3,4,5,6,7
	Wed 03/04	24	#8 Due	Statics	12-1,2
	Fri 03/06	25		Statics	12-3,4,5
10	Mon 03/9	26		Fluids: Pressure, Pascal's principle	13-1,2,3,4,5,6
	Wed 03/11	27	#9 Due	Buoyancy	13-6,7
	Fri 03/13			Midterm #2	
11	Mon 03/16	28		Fluid flow and Bernoulli's equation	13-8,9,10
	Wed 03/18	29		Viscosity and Poiseuille's law	13-11,12,13,14
	Fri 03/20	30		Simple harmonic motion	14-1,2,3,4
12	Mon 03/23	31		Pendula and other oscillations	14-5,6,7,8
	Wed 03/25	32	#10 Due	Waves	Ch15
	Fri 03/27	33		Waves	Ch15
13	Mon 03/30	34		Sound	16-1,2,3,4
	Wed 04/1	35	#11 Due	Sound	16-6,7,8,9
	Fri 04/03	36		Heat transfer	19-9,10
14	Mon 04/06	37		Review	
	Thur 04/09			Final Exam (12:00-15:00)	