

Week	Day	Date	Lecture	Reading	Topic
1	M	01-Apr	1	Handout	Introduction/Scaling
	T(night)	02-Apr	Tutorial 1		Scaling
	W	03-Apr	2	1.1 - 1.5	Scaling/Representing motion
	F	05-Apr	3	2.1 - 2.3	One-Dimensional Motion
2	M	08-Apr	4	1.6a, 2.4	Acceleration
	T(night)	09-Apr	Tutorial 2		Representations of Motion
	W	10-Apr	5	2.5b & 2.7	Free Fall
	F	12-Apr	6	1.6 & 3.1 - 3.4	Vectors and Motion
3	M	15-Apr	7	3.5 - 3.6	Projectile Motion
	T(night)	16-Apr	Tutorial 3		Acceleration in 1-Dimension
	W	17-Apr	8	4.1 - 4.4	Forces
	F	19-Apr	9	4.5 - 4.7	Newton's Laws
4	M	22-Apr	10	5.1 - 5.4	Applying Newton's Laws
	T(night)	23-Apr	Tutorial 4		Newton's Second and Third Law
	W	24-Apr	11	5.5c	Friction
	F	26-Apr	12	5.6	Drag & Reynolds number
5	M	29-Apr	Review		
	T(night)	30-Apr	<b>Midterm 1</b>		
	W	01-May	13	5.7 - 5.8	Interacting Objects / Ropes & Pulleys
	F	03-May	14	3.7, 6.1 - 6.3	Circular Motion
6	M	06-May	15	7.1 - 7.2d	Rotational Motion
	T(night)	07-May	Tutorial 5		Tension
	W	08-May	16	7.3 - 7.4	Torque & Center of gravity
	F	10-May	17	7.5 - 7.6e	Rotational Dynamics
7	M	13-May	18	8.1 & 8.5	Static Equilibrium
	T(night)	14-May	Tutorial 6		Biomechanics Torque
	W	15-May	19	8.2 - 8.3	Stat. Equi. Springs and Hooke's Law
	F	17-May	20	8.4	Stretching and Compressing Materials
8	M	20-May	Review		
	T(night)	21-May	<b>Midterm 2</b>		
	W	22-May	21	9.1 - 9.3	Impulse and Momentum
	F	24-May	22	9.4 - 9.5	Conservation of Momentum
9	M	27-May	Holiday		
	T(night)	28-May	Tutorial 7		Conservation of Momentum
	W	29-May	23	10.1 - 10.3	Work and Kinetic Energy
	F	31-May	24	10.4	Potential Energy
10	M	03-Jun	25	10.5 - 10.6	Thermal Energy and Conservation of Energy
	T(night)	04-Jun	Tutorial 8		Conservation of Energy
	W	05-Jun	26	10.6 - 10.7	More Conservation of Energy
	F	07-Jun	27	10.9 - 10.10	Energy in collision and Power
11	T	11-Jun	<b>Final exam</b>	Section B	2:30pm - 4:20pm in PAA 118
	Th	13-Jun	<b>Final exam</b>	Section A	8:30am - 10:20am in PAA 118

a Velocity Vectors section

b Constant acceleration kinematics only in the context of free fall.

c no rolling friction

d no rotational kinematics with constant angular acceleration

e no constraints due to ropes and pulleys