

Week	Day	Date	Unit	Reading	Topic
1	M	22-Jun	0		Introduction
	T	23-Jun	Tutorial 1	Handout	Scaling
	W	24-Jun	1	Handout	Scaling
	Th	25-Jun	2	1.1 - 1.4	Representing motion
	F	26-Jun	3	2.1 - 2.3	One-Dimensional Motion
2	M	29-Jun	4	1.6a, 2.4	Acceleration
	T	30-Jun	Tutorial 2		Representations of Motion
	W	1-Jul	5	2.5b & 2.7	Free Fall
	Th	2-Jul	6	1.6 & 3.1 - 3.4	Vectors and Motion
3	M	6-Jul	Tutorial 3		Acceleration in 1-Dimension
	T	7-Jul	7	3.5 - 3.6	Projectile Motion
	W	8-Jul	8	4.1 - 4.4	Forces
	Th	9-Jul	9	4.5 - 4.7	Newton's Laws
4	F	10-Jul	10	5.1 - 5.4	Applying Newton's Laws
	M	13-Jul	11	5.5c	Friction
	T	14-Jul	Self-study		
	W	15-Jul	Midterm 1		9:40 am - 10:40 am
	Th	16-Jul	Tutorial 4		Newton's Second and Third Law
5	F	17-Jul	12	5.6	Drag & Reynolds number
	M	20-Jul	13	5.7 - 5.8	Interacting Objects / Ropes & Pulleys
	T	21-Jul	Tutorial 5		Tension
	W	22-Jul	14	3.7, 6.1 - 6.3	Circular Motion
	Th	23-Jul	15	7.1 - 7.2d	Rotational Motion
6	F	24-Jul	16	7.3 - 7.4	Torque & Center of gravity
	M	27-Jul	17	7.5 - 7.6e	Rotational Dynamics
	T	28-Jul	18	8.1 & 8.5	Static Equilibrium
	W	29-Jul	Tutorial 6		Biomechanics Torque
	Th	30-Jul	19	8.2 - 8.3	Stat. Equi. Springs and Hooke's Law
7	F	31-Jul	20	8.4	Stretching and Compressing Materials
	M	3-Aug	21	9.1 - 9.3	Impulse and Momentum
	T	4-Aug	Self-study		
	W	5-Aug	Midterm 2		9:40 am - 10:40 am
	Th	6-Aug	22	9.4 - 9.5	Conservation of Momentum
8	F	7-Aug	Tutorial 7		Conservation of Momentum
	M	10-Aug	23	10.1 - 10.3	Work and Kinetic Energy
	T	11-Aug	24	10.4	Potential Energy
	W	12-Aug	25	10.5 - 10.6	Thermal Energy and Conservation of Energy
	Th	13-Aug	26	10.6 - 10.7	More Conservation of Energy
9	F	14-Aug	Tutorial 8		Conservation of Energy
	M	17-Aug	27	10.9 & 10.10	Energy in collision and Power
	T	18-Aug	Self-study		
	W	19-Aug	Final 1		9:40 am - 10:40 am
	Th	20-Aug	Final 2		9:40 am - 10:40 am

a Velocity Vectors section

b Constant acceleration kinematics only in the context of free fall or constant friction

c no rolling friction

d no rotational kinematics with constant angular acceleration

e no constraints due to ropes and pulleys