

Week	Lec	Day	Date	Content	Textbook
1	1	Mon	3/26/18	Introduction/Scaling	Handout 1.1 - 1.4 2.1 - 2.3
		Tues	3/27/18	Tutorial 1 - Scaling	
	2	Wed	3/28/18	Representing motion	
	3	Fri	3/30/18	One-Dimensional Motion	
2	4	Mon	4/2/18	Acceleration	1.5, 2.4 2.5* & 2.7 1.5 & 3.1 - 3.4
		Tues	4/3/18	Tutorial 2 - Representations of Motion	
	5	Wed	4/4/18	Free Fall	
	6	Fri	4/6/18	Vectors and Motion	
3	7	Mon	4/9/18	Two-Dimensional Motion	3.6 - 3.7 4.1 - 4.4 4.5 - 4.7
		Tues	4/10/18	Tutorial 3 - Acceleration in 1-Dimension	
	8	Wed	4/11/18	Forces	
	9	Fri	4/13/18	Newton's Laws	
4	10	Mon	4/16/18	Applying Newton's Laws	5.1 - 5.4 5.5** 5.6 5.7 - 5.8
		Tues	4/17/18	Tutorial 4 - Newton's Second and Third Law	
	11	Wed	4/18/18	Friction and Drag	
	12	Fri	4/20/18	Interacting Objects / Ropes & Pulleys	
5		Mon	4/23/18	Extension / midterm review	3.8, 6.1 - 6.3 7.1 - 7.2***
		Tues	4/24/18	Midterm Exam 1	
	13	Wed	4/25/18	Circular Motion	
	14	Fri	4/27/18	Rotational Motion	
6	15	Mon	4/30/18	Torque & Center of gravity	7.3 - 7.4 7.5 7.6**** 8.1
		Tues	5/1/18	Tutorial 5 - Biomechanics Torque	
	16	Wed	5/2/18	Rotational Dynamics	
	17	Fri	5/4/18	Static Equilibrium	
7	18	Mon	5/7/18	Stat. Equi. Springs and Hooke's Law	8.2 - 8.3 8.4 9.1 - 9.3
		Tues	5/8/18	Tutorial 6 - Equilibrium of Rigid bodies	
	19	Wed	5/9/18	Stretching and Compressing Materials	
	20	Fri	5/11/18	Impulse and Momentum	
8	21	Mon	5/14/18	Conservation of Momentum	9.4 - 9.5 10.1 - 10.3 10.4
		Tues	5/15/18	Midterm Exam 2	
	22	Wed	5/16/18	Work and Kinetic Energy	
	23	Fri	5/18/18	Potential Energy	
9	24	Mon	5/21/18	Thermal Energy and Conservation of Energy	10.5 - 10.6 10.6 10.7 - 10.8
		Tues	5/22/18	Tutorial 7 - Conservation of Momentum	
	25	Wed	5/23/18	More Conservation of Energy	
	26	Fri	5/25/18	Energy in collision and Power	
10		Mon	5/28/18	Holiday (Memorial day)	11.1 - 11.2
		Tues	5/29/18	Tutorial 8 - Conservation of Energy	
	27	Wed	5/30/18	Energy in the body	
		Fri	6/1/18	Extension / Final review	
11		Tues	6/5/18	Section B final exam 2:30 pm to 4:20 pm in PAA118	
		Thurs	6/7/18	Section A final exam 8:30 am to 10:20 am in PAA118	

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

**no rolling friction

***no rotational kinematics with constant angular acceleration

****no constraints due to ropes and pulleys