

Week	Day	Date	Lecture	Reading	Topic
1	Thursday	29-Sep	1	Handout/scaling and 1.1 - 1.4	Introduction/Scaling/Representing motion
2	T	4-Oct	2	1.1 - 1.4 and 2.1 - 2.3	Continue Representing motion/One-Dimensional Motion
	T(night)	04-Oct	Tutorial 1		Scaling
	Thu	6-Oct	3	1.6a, 2.4 and 2.5b & 2.7	Acceleration/Free Fall
3	T	11-Oct	4	1.6 & 3.1 - 3..6	Vectors and Motion/Projectile Motion
	T(night)	11-Oct	Tutorial 2		Representations of Motion
	Thu	13-Oct	5	4.1 - 4.4	Forces
4	T	18-Oct	6	4.5 - 4.7 and 5.1 - 5.4	Newton's Laws/Applying Newton's Laws
	T(night)	18-Oct	Tutorial 3		Acceleration in 1-Dimension
	Thu	20-Oct	7	5.5c/Review	Friction
5	T	25-Oct	8	5.6	Drag & Reynolds number
	T(night)	25-Oct	Midterm 1		
	Thu	27-Oct	9	5.7 - 5.8	Interacting Objects / Ropes & Pulleys
6	T	1-Nov	10	3.7, 6.1 - 6.3/7.1 - 7.2d	Circular Motion/Rotational Motion
	T(night)	1-Nov	Tutorial 4		Newton's Second and Third Law
	Thu	3-Nov	11	7.3 - 7.4	Rotational Motion/Torque & Center of gravity
7	T	8-Nov	12	7.5 - 7.6e	Rotational Dynamics
	T(night)	08-Nov	Tutorial 5		Tension
	Thu	10-Nov	13	8.1 & 8.5/Review	Static Equilibrium
8	T	15-Nov	14	8.2 - 8.4	Stat. Equi. Springs and Hooke's Law, Stretching and Compressing Materials
	T(night)	15-Nov	Midterm 2		
	Thu	17-Nov	15	9.1 - 9.3	Impulse and Momentum
9	T	22-Nov	16	9.4 - 9.5	Conservation of Momentum
	T(night)	22-Nov	Tutorial 6		Biomechanics Torque
	Thu	24-Nov	Holiday		
10	T	29-Nov	17	10.1 - 10.4	Work and Kinetic Energy/Potential Energy
	T(night)	29-Nov	Tutorial 7		Conservation of Momentum
	Thu	1-Dec	18	10.5 - 10.7	Thermal Energy and Conservation of Energy
11	T	6-Dec	19	10.9 & 10.10	Energy in collision and Power
	T(night)	06-Dec	Tutorial 8		Conservation of Energy
	Thu	8-Dec		Review	
12	Friday	16 Decem	Final Exam	2:30-4:20 pm PAA 118	