

Week	Day	Date	Lecture	Reading	Topic
1	T	20-Jun	1	1.1–1.4	Representing motion
	Th	22-Jun	2	1.6a, 2.1–2.4	1D velocity & acceleration
2	M	26-Jun	3	2.5b–2.7	Solving 1-dim kinematics
	T	27-Jun			Tutorial 1
	Th	29-Jun	4	3.1–3.6	Vectors, Inclines & 2D kinematics
3	M	03-Jul	5	4.1–4.7	Forces basics
	T	04-Jul			Holiday
	Th	06-Jul	6	5.1–5.4	Newton's 2nd law details
4	M	10-Jul	7	5.5c–5.8	Friction, drag, ropes & pulleys
	T	11-Jul			Tutorial 2
	Th	13-Jul			Midterm 1
5	M	17-Jul	8	3.7, 6.1–6.3	Circular motion
	T	18-Jul			Tutorial 3
	Th	20-Jul	9	7.1, 7.2d–7.6e	Rotational motion
6	M	24-Jul	10	8.1–8.5	Statics and springs
	T	25-Jul			Tutorial 4
	Th	27-Jul	11		
7	M	31-Jul	12	Catchup / Review	
	T	01-Aug			Tutorial 5
	Th	03-Aug			Midterm 2
8	M	07-Aug	13	9.1–9.5	Momentum & collisions
	T	08-Aug			Tutorial 6
	Th	10-Aug	14	10.1–10.4	Work and mechanical energy
9	M	14-Aug	15	10.5–10.7 10.9–10.10	Energy conservation, collisions, power
	T	15-Aug			TBA / Tutorial 7 ?
	Th	17-Aug			Final exam

a Velocity Vectors section

b Constant acceleration kinematics only for free fall & constant friction

c no rolling friction

d no rotational kinematics with constant angular acceleration

e no constraints due to ropes and pulleys