

May	T	8	Lecture 1 - Rectilinear kinematics of a particle Lecture 2 - General curvilinear motion	
	R	10	Lecture 3 - Normal and tangential acceleration Lecture 4 - Acceleration in cylindrical coordinates	
	T	15	Lecture 5 - Absolute and relative motion Lecture 6 - Kinetics of a particle	Assignment 1 due
	R	17	Lecture 7 - Kinetics of a particle in normal and cylindrical coordinates First midterm examination - Lectures 1 to 6 - SIRC 3110 11:00-12:45	
	T	22	Lecture 8 - Work and energy Lecture 9 - Conservation of energy	Assignment 2 due
	R	24	Lecture 10 - Linear impulse and momentum Lecture 11 - Conservation of linear momentum	
	T	29	Lecture 12 - Central and oblique impact Lecture 13 - Midterm examination review	Assignment 3 due
	W	30	Second midterm examination - Lectures 1 to 13 - SIRC 3110 1:15-3:45 pm	No tutorial section
	R	31	Lecture 14 - Angular momentum Lecture 15 - Kinetics of a body: translation and rotation	
June	T	5	Lecture 16 - Relative motion analysis: Velocity Lecture 17 - Relative motion analysis: Acceleration	Assignment 4 due
	R	7	Lecture 18 - Mass moment of inertia Lecture 19 - Planar kinetics of a rigid body: translation	
	T	12	Lecture 20 - Planar kinetics of a rigid body: rotation and general motion Lecture 21 - Planar kinetics of a rigid body: work and energy	
	R	14	Lecture 22 - Planar kinetics of a rigid body: Conservation of energy Lecture 23 - Final examination review	Assignment 5 due
		19-23	Final examination	