

Schedule:

Dates	Topic	Reading
Jan 20	Course overview.	1.1-1.4, handouts
Jan 25, 27	Newtonian Mechanics	1.6,1.7, 2 (all)
Feb. 1,3	Energy and Phase Portraits	4.4-4.10, handouts
Feb 8,10	Momentum, Angular Momentum	1.5 and 3 (all);
Feb 15	Midterm 1 in class	1-4
Feb 17,22	Two-body Central Force	8 (all) plus handouts
Feb 24-March 2	Oscillations	5 (all+handout)
March 7-9	Lagrangian Mechanics	6,7
March 14,16	Spring Break	
March 21-23	Normal Modes	11
March 28	MIDTERM II	5-8
March 30-April 4	Normal Modes, continuum mechanics	16+handout
April 6, 11	Noninertial Frames	9 (all)
April 13, 18	Rotational Motion of Rigid Bodies	10.1-10.8
April 18,25,27	Nonlinear Oscillators	12 (all) plus handout
May 2	Course Summary	
TBA	Final Examination Date TBA	1-12, 16