

LECTURE SCHEDULE

Note: This schedule is subject to changes as the term proceeds. Please keep checking to have the most recent version. The midterm and final examinations will not be changed.

DATE	TOPIC	SECTION
Jun 20	Conditions for equilibrium	12.1, 12.2, 12.3
Jun 22	Elasticity	12.4, 12.5
Jun 24	Oscillations	14.1, 14.2
Jun 27	Oscillations and energy	14.3, 14.4, 14.5
Jun 29	Damped oscillations, resonance	14.7, 14.8
Jul 1	Wave motion	15.1, 15.4, 15.6, 15.7, 15.8
Jul 4	DROP DEADLINE!	
Jul 6	Wave equation, representation of waves, energy	15.5, 15.2, 15.3
Jul 8	Standing waves	15.9
Jul 11	Sound	16.1, 16.2, 16.3
Jul 13	FIRST MIDTERM EXAMINATION	
Jul 15	Vibrating strings and columns	16.4
Jul 18	Beats, Doppler effect	16.6, 16.7, 16.8
Jul 20	Reflection and refraction of light	32.1, 32.2, 32.4, 32.5, 32.7
Jul 22	Reflection from curved surfaces	32.3
Jul 25	Reflection from a curved surface (read Sec. 32.6 on your own)	32.3
Jul 27	Thin lenses	33.1, 33.2, 33.3
Jul 29	Human eye, magnifying glass, telescope	33.6, 33.7, 33.8
	WITHDRAW DEADLINE!	
Aug 1	Revision of chapter 33	
Aug 3	SECOND MIDTERM EXAMINATION	
Aug 5	Double slit interference	34.3, 34.4
Aug 8	Thin film interference. Diffraction	34.5, 35.1, 35.2
Aug 10	Double slit diffraction, resolution (Read 35.4, 35.5 on your own)	35.1, 35.2, 35.3
Aug 12	The diffraction grating. Spectrometers	35.7, 35.8, 35.10
Aug 15	Polarization	35.11
Aug 17		
Aug 19	Fluids: pressure, Pascal's principle, measurement (read Sec. 13.1 before class, 13.6 after class)	13.3, 13.4, 13.5
Aug 22	Density and buoyancy. Flow continuity	13.2, 13.7, 13.8

Aug 24 Bernoulli's eqn and applications. Viscosity 13.9, 13.10, 13.11
Aug 26 FINAL EXAMINATION