

Lecture Schedule

Week	Day	Date	Topic	Reading
1	M	4-Jan	Lecture 1 - Introduction / Equilibrium	14.1
	T	5-Jan	Lecture 2 - Simple Harmonic Motion	14.2 - 14.3
	W	6-Jan	Lecture 3 - Energy & Pendulum Motion	14.4 - 14.5
	F	8-Jan	Lecture 4 - Damped and Driven Oscillations	14.6 - 14.7
2	M	11-Jan	Lecture 5 - Traveling Waves	15.1 - 15.2
	T	12-Jan	Tutorial 1 - Simple Harmonic Motion	
	W	13-Jan	Lecture 6 - Description of Waves	15.3 - 15.4
	F	15-Jan	Lecture 7 - Energy and Intensity	15.5 - 15.6
3	M	18-Jan	HOLIDAY	
	T	19-Jan	Tutorial 2 - Superposition and Reflection	
	W	20-Jan	Lecture 8 - Doppler Effect & Shock Waves	15.7
	F	22-Jan	Lecture 9 - Standing Sound Waves on a String	16.1 - 16.3
4	M	25-Jan	Lecture 10 - Standing Sound Waves and Hearing	16.4 - 16.5
	T	26-Jan	Tutorial 3 - Reflection and transmission	
	W	27-Jan	Lecture 11 - Two Source Interference and Beats	16.6 - 16.7
	F	29-Jan	Lecture 12 - Interference of Light and The Diffraction Grating	17.1 - 17.3
5	M	1-Feb	REVIEW	
	T	2-Feb	MIDTERM EXAM 1	
	W	3-Feb	Lecture 13 - Thin Film Interference I	17.4
	F	5-Feb	Lecture 14 - Thin Film Interference II	17.4
6	M	8-Feb	Lecture 15 - Single Slit and Circular Aperture Diffraction	17.5 - 17.6
	T	9-Feb	Tutorial 4 - Light and Shadow	
	W	10-Feb	Lecture 16 - Reflection and Refraction	18.1 - 18.3
	F	12-Feb	Lecture 17 - Thin Lens - Ray Tracing	18.5
7	M	15-Feb	HOLIDAY	
	T	16-Feb	Tutorial 5 - Two Source Interference	
	W	17-Feb	Lecture 18 - Image Formation with Spherical Mirrors	18.6
	F	19-Feb	Lecture 19 - Thin Lens Equation	18.7
8	M	22-Feb	REVIEW	
	T	23-Feb	MIDTERM EXAM 2	
	W	24-Feb	Lecture 20 - The Human Eye	19.2
	F	26-Feb	Lecture 21 - EM Waves and Polarization	25.5 - 25.7
9	M	1-Mar	Lecture 22 - The Photoelectric Effect	28.2
	T	2-Mar	Tutorial 6 - Waves Properties of Light	
	W	3-Mar	Lecture 23 - Matter Waves and Quantized Energy	28.4 - 28.6
	F	5-Mar	Lecture 24 - Spectroscopy and Atomic Models	29.1 - 29.4
10	M	8-Mar	Lecture 25 - Nuclear Structure and Stability & radiation	30.1 - 30.3
	T	9-Mar	Tutorial 7 - Spectroscopy	
	W	10-Mar	Lecture 26 - Radiation and Radioactivity	30.4 - 30.5
	F	12-Mar	Lecture 27 - Nuclear Medicine	30.6
11	Tues	16-Mar	Final Exam 2:25 pm - 4:35 pm (Note: 110 minutes duration)	