

	Date	Ch.	Topic	Activities
			PHYS3330 - Acoustics	
W	8/22	1	Introduction & History	
F	8/24	2	Basic Equations	
M	8/27	2	Acoustic Equations	HW1
W	8/29	3	Wave Propagation	
F	8/31	3	Wave Behavior / Frequency Ranges	
M	9/3		<i>Labor Day (No Class)</i>	
W	9/5	3	Sound Pressure and Decibels	HW2
F	9/7	3	Displacement and Intensity	
M	9/10		Frequency Analysis	HW3
W	9/12	10	Hearing Mechanism	
F	9/14	10	Characteristics of Hearing	
M	9/17		Human Voice	
W	9/19		Exam #1 Ch. 1 - 3, 10	
F	9/21	4	Vibrating String & Standing Waves	
M	9/24	4	Fourier Analysis	
W	9/26	4	Forced Vibrations	HW4
F	9/28	5	Vibrating Bar	
M	10/1	5	Vibrating Bar	
W	10/3	5	Transverse Vibrations on Bar	
F	10/5	6	Stretched Membrane	HW5
M	10/8	6	Boundary Conditions	
W	10/10	6	Vibrating Plates	
F	10/12		Review	

	Date	Ch.	Topic	Activities
M	10/15		Exam #2 Ch. 4 - 6	
W	10/17	7	Resonance in Pipes	
F	10/19		<i>Fall Break (No Class)</i>	
M	10/22		Musical Instruments	
W	10/24	7	Rectangular Cavity	HW6
F	10/26	7	Helmholtz Resonator	
M	10/29	8	Acoustic Impedance	
W	10/31	8	Acoustic Filters	
F	11/2	8	Acoustic Filters	HW7
M	11/5	9	Microphones & Dosimeters	
W	11/7	9	Sound Measurement	
F	11/9	9	Sound Measurement	
M	11/12	11	Sound Fields	HW8
W	11/14	11	Sound Absorption	
F	11/16	11	Auditoriums	
M	11/19		Room Assessments	HW9
W	11/21		<i>Thanksgiving Break (No Class)</i>	
F	11/23		<i>Thanksgiving Break (No Class)</i>	
M	11/26		<i>Thanksgiving Break (No Class)</i>	
W	11/28		Room Assessments	
F	11/30		Exam #3 Ch. 7 - 9, 11	
M	12/3		Room Assessments	
W	12/5	12	Transmission Loss	HW10
F	12/7	12	Walls & Barriers	
M	12/10	19	Digital Sampling and Storage	
F	12/14		Final Exam (1:00 - 3:00)	