

# BASIC ACOUSTICS FOR SPEECH AND HEARING

003:111, Spring Semester, 2001

2:30 - 3:20 p.m., 308 SHC

## Tentative Lecture Schedule

<u>Lecture</u>	<u>Date</u>	<u>Day</u>	<u>Lecture Topic</u>	
1	1-16	Tues	Course Introduction - - Physical quantities	
2	1-18	Thurs	Nature of Sound	Chapter 1
3	1-23	Tues		
4	1-25	Thurs	Simple Harmonic Motion	Chapter 2
5	1-30	Tues		
6	2-1	Thurs	Logarithms and Antilogarithms	Chapter 3
7	2-6	Tues		
8	2-8	Thurs	The Decibel	Chapter 4
9	2-13	Tues		
10	2-15	Thurs	<b>Review</b>	
11	2-20	Tues	<b>EXAMINATION #1</b>	
12	2-22	Thurs	Complex Waves	Chapter 5
13	2-27	Tues		
14	3-1	Thurs	“Production and Perception of Musical Tones”	Other Readings: 31
15	3-6	Tues	“Measurement of Vibrating Systems”	Other Readings: 6
16	3-8	Thurs	“Electroacoustic Transducers” (readings optional)	Other Readings: 45
<b>SPRING BREAK</b>				
17	3-20	Tues	Resonance and Filtering	Chapter 6
18	3-22	Thurs		
19	3-27	Tues	Distortion	Chapter 7
20	3-29	Thurs		
21	4-3	Tues	<b>Review</b>	
22	4-5	Thurs	<b>EXAMINATION #2</b>	
23	4-10	Tues	Sound Transmission	Chapter 8
24	4-12	Thurs		
25	4-17	Tues	“Reverberation Time”	Other Readings: 20
26	4-19	Thurs	“Auditorium Design”	Other Readings: 21
27	4-24	Tues		
28	4-26	Thurs	“Recording Media”	Other Readings: 44
29	5-1	Tues		
30	5-3	Thurs	Review	