

Tentative Physics 240 Schedule						Fall 2025	updated 09/02/2025
Week	Class	Day	Date	Read before Class:	Class Topic	Homework DUE	
1	1	Wed	3-Sep	Chapter 1	Introduction		
2	2	Mon	8-Sep	Chapter 2	The Physical Nature of Sound Vibrations	Chapter 2 comments	
	3	Wed	10-Sep	Chapter 3	Vibration modes and Resonance	Chapter 3 comments, Activity 01	
3	4	Mon	15-Sep	Chapter 5	Sound Waves	Chapter 5 comments, Activity 02, Homework 1	
	5	Wed	17-Sep	Chapter 6	Wave Properties	Chapter 6 comments, Activity 03	
4	6	Mon	22-Sep	Chapter 7	Standing Waves - Strings	Chapter 7 comments, Activity 04, Homework 2	
	7	Wed	24-Sep	Chapter 8	Standing Waves - Pipes	Chapter 8 comments, Activity 05	
5	8	Mon	29-Sep	Chapter 9	Building Waves: Fourier Synthesis and Analysis	Chapter 9 comments, Activity 06, Homework 3	
	9	Wed	1-Oct	Chapter 10	Sound Intensity	Chapter 10 comments, Activity 07	
6	10	Mon	6-Oct	Chapter 11	The Ear and Hearing	Chapter 11 comments	
	11	Wed	8-Oct		Midterm 1 Exam Chapters 1, 2, 3, 5, 6, 7, 8, 9	Activity 08, Homework 4	
7	12	Mon	13-Oct	Chapter 12	Loudness Perception	Chapter 12 comments	
	13	Wed	15-Oct	Chapter 13	Pitch	Chapter 13 comments, Activity 09	
8	14	Mon	20-Oct	Chapter 14	Sound Localization	Chapter 14 comments, Homework 5	
	15	Wed	22-Oct	Chapter 15	Acoustics	Chapter 15 comments, Activity 10	
9	16	Mon	27-Oct	Chapter 16	Electromagnetic induction and speakers	Chapter 16 comments, Activity 11, Homework 6	

	17	Wed	29-Oct	Chapter 17	Distortion and Noise	Chapter 17 comments, Activity 12
10	18	Mon	3-Nov	Chapter 18	Audio Systems	Chapter 18 comments, Activity 13
	19	Wed	5-Nov		Midterm 2 Exam: Chapters 10, 11, 12,13, 14, 15, 16, 17	Activity 14
11	20	Mon	10-Nov	Chapter 19	Loudspeaker design	Chapter 19 comments
	21	Wed	12-Nov	Chapter 20	Digital Audio	Chapter 20 comments, Activity 15
12	22	Mon	17-Nov	Chapter 22	Voice and Speech	Chapter 22 comments, Activity 16, Homework 7
	23	Wed	19-Nov	Chapters 23, 24	Insruments - Brass and Woodwind	Chapters 23, 24 comments, Activity 17
13	24	Mon	24-Nov		Review / Make-up	Activity 18
		Wed	26-Nov		Fall Break	
14	25	Mon	1-Dec	Chapters 25, 26	Instruments - String and Percussion	Chapters 25, 26 comments, Homework 8
	26	Wed	3-Dec	Chapter 27	Electronic Music, Synthesizers, MIDI, etc.	Chapter 27 comments, Activity 19, Activity 20
15	27	Mon	8-Dec		Final Exam 12:15 p.m.- 2:15 p.m. Chapters 18, 19, 20, 22, 23-24, 25-26, 27	