

PHYS 1320/ PHYS 3320: Fall 2025

DAY	LECTURE:	NOTES:	Chpt	TOPIC
TUE	Aug-26	First Class	0	Introduction and course overview
THUR	Aug-28		1	Basic physical quantities - Ch. 1
TUE	Sep-2		2	Simple vibrating systems - Ch. 2
THUR	Sep-4		3	Waves and wave propagation - Ch. 3
TUE	Sep-9		3	Waves and wave propagation - Ch. 3
THUR	Sep-11		4	Complex vibration
TUE	Sep-16		4	Complex vibration (continued)
THUR	Sep-18		5	The Ear and hearing
TUE	Sep-23		5	The Ear and hearing
THUR	Sep-25		5	Review for exam
TUE	Sep-30	EXAM 1		Chpts. 1-5
THUR	Oct-2		6	Go over Exam I; Timbre
TUE	Oct-7		7	Frequency and Pitch
THUR	Oct-9		8	Frequency and Pitch
TUE	Oct-14		8	Intervals and tuning
THUR	Oct-16		8	Intervals and tuning
TUE	Oct-21	Fall Break		No classes
THUR	Oct-23		11	Strings Ch.10
TUE	Oct-28	EXAM 2		
THUR	Oct-30		11	Woodwinds Ch.11
TUE	Nov-4		13	Brass - Ch. 12
THUR	Nov-6		13	Room Acoustics Ch. 9
TUE	Nov-11		9	Voice Ch.11 & Piano
TUE	Nov-11	Evening 6:30pm		6:30pm Perkins Chapel Demonstration
THUR	Nov-13			Guitar: Prof. Charles Cochran
TUE	Nov-18		9	Prof. Robert Frank
THUR	Nov-20	Caruth Aud.	9	Piano Demo
TUE	Nov-25	Drop Date	12	No classes
THUR	Nov-27		12	Thanksgiving
TUE	Dec-2	Band Hall		Percussion - Ch. 14 (Tom Keck)
THUR	Dec-4			Over view
TUE	Dec-9	Last Class	14	Project Presentations

FINAL EXAM 2025 WED., DECEMBER 17 11:30 AM - 2:30 PM

Adjustments may be made depending on student interests/needs and unplanned events

	DAY	NOTES	#	LAB
MON	Aug 25		0	no lab
MON	Sep 1	Labor Day		
MON	Sep 8	FIRST LAB	1	Measurement and Errors
MON	Sep 15		2	Speed of Sound
MON	Sep 22		3	Velocity of Sound in Resonant Tubes
MON	Sep 29		4	Transverse Waves
MON	Oct 6	Rotating Lab	5	Fourier Transforms
MON	Oct 13		6	Simple musical instruments:
MON	Oct 20	Fall Break		
MON	Oct 27	Rotating Lab	7	Diffraction and Interference
MON	Nov 3	Rotating Lab	8	Resonant Flame tube
MON	Nov 10	Rotating Lab	9	Oscilloscope experiments
MON	Nov 17	Rotating Lab	10	Standing wave patterns in 2-D
MON	Nov 24			no lab
MON	Dec 1	Make up lab	-	last day to hand in labs