

PHYS 1320/ MPSY 5340/PHYS 3320: Fall 2008, TUNKS & OLNESS

#	DAY	LECTURE:	NOTES:	Chpt	TOPIC
<b>1</b>	THUR	Aug 27	First Class	0	Introduction and course overview
	MON	Aug 31	<b>LAB</b>		<b>First Lab</b>
<b>2</b>	TUE	Sep 01		1	Basic physical quantities - Ch. 1
<b>3</b>	THUR	Sep 03		2	Simple vibrating systems - Ch. 2
<b>4</b>	TUE	Sep 08		2	Vibrating systems (continued)
	WED	Sep 09	<b>LAB</b>		<b>Follows Monday Schedule</b>
<b>5</b>	THUR	Sep 10		3	Waves and wave propagation - Ch. 3
<b>6</b>	TUE	Sep 15		4	Complex vibration and resonance - Ch. 4
<b>7</b>	THUR	Sep 17		4	Complex vibration (continued)
<b>8</b>	TUE	Sep 22		5	The Ear and hearing - Ch.5 to p. 91
<b>9</b>	THUR	Sep 24		5	Hearing and review
<b>10</b>	TUE	Sep 29	<b>EXAM 1</b>	5	<b>Chpts. 1-5</b>
<b>11</b>	THUR	Oct 01		5	Go over Exam I; & Intensity: Ch.5, p.91-10
<b>12</b>	TUE	Oct 06		6	Timbre - Ch. 6
<b>13</b>	THUR	Oct 08		7	Frequency and Pitch - Ch. 7
	TUE	Oct 13	<b>Fall Break</b>		
<b>14</b>	THUR	Oct 15		8	Intervals and tuning - Ch. 8
<b>15</b>	TUE	Oct 20		8	Intervals and tuning - Ch. 8
<b>16</b>	THUR	Oct 22		8	Tuning (continued) and review for Exam II
<b>17</b>	TUE	Oct 27	<b>EXAM 2</b>		<b>Chpts. 5-8</b>
<b>18</b>	THUR	Oct 29		9	go over Exam II; and Room acoustics
<b>19</b>	TUE	Nov 03		9	Room Acoustics
<b>20</b>	THUR	Nov 05	<i>Homecoming</i>	10	Strings - Ch. 10
<b>21</b>	TUE	Nov 10	Drop Date	11	Strings (continued) and Woodwinds - Ch. 11
<b>22</b>	THUR	Nov 12	<i>Family Weekend</i>	11	Woodwinds (cont)
<b>23</b>	TUE	Nov 17		13	Piano - Ch. 13
<b>24</b>	THUR	Nov 19		13	Piano (continued) and Voice
<b>25</b>	TUE	Nov 24			Voice (continued) and organ
	THUR	Nov 26	<b>Thanksgiving</b>		
<b>26</b>	TUE	Dec 01		12	Brass - Ch. 12
<b>27</b>	THUR	Dec 03		14	Brass (continued) and percussion - Ch. 14
<b>28</b>	TUE	Dec 08	Last Class	12	Percussion - Ch. 14
	<b>SAT</b>	<b>Dec 12</b>	<b>FINAL EXAM</b>		<b>11:30-2:30pm FINAL EXAM 2009</b>
<b>Adjustments may be made depending on student interests/needs and unplan</b>					

**PHYS 1320/ MPSY 5340 FALL 2009, TUNKS & OLNESS**

<b>DAY</b>	<b>NOTES</b>	<b>#</b>	<b>LAB</b>
Aug 31	FIRST LAB	<b>1</b>	<b>Measurement and Errors</b>
Sep 7	<i>Labor Day</i>		
<b>Sep 9</b>	<b>Wednesday</b>	<b>2</b>	<b>Speed of Sound</b>
Sep 14		<b>3</b>	<b>Velocity of Sound in Resonant Tubes</b>
Sep 21		<b>4</b>	<b>Transverse Waves</b>
Sep 28		<b>5</b>	<b>Simple musical instruments:</b>
Oct 5		<b>6</b>	<b>Computer based labs</b>
Oct 12	Fall Break		
Oct 19		<b>7</b>	<b>Fourier Transforms</b>
Oct 26		<b>8</b>	<b>Diffraction and Interference</b>
Nov 2		<b>9</b>	<b>Resonant Flame tube</b>
Nov 9		<b>10</b>	<b>Oscilloscope experiments</b>
Nov 16		<b>11</b>	<b>Standing wave patterns in 2-D</b>
Nov 23		-	<b><i>last day to hand in labs</i></b>
Nov 30			
<b>Dec 12</b>	<b>FINAL EXAM</b>		<b>11:30-2:30pm FINAL EXAM 2009</b>