

## Physics 103 Summer 1993

<u>Week</u>	<u>Date</u>	<u>Chapter</u>	<u>Lab Topic</u>	<u>Homework Problems</u>	
1	M June 14	1-Introduction	No Lab		
	T 15	2-One-D Motion			
	W 16		M1-Density of a Solid	Ch 1: 5, 20, 32, 34, 40, 47	
	R 17	3- Vectors		Ch 2: 2, 9, 14, 18, 22, 28, 31, 43, 45, 53	
2	M 21	4- Laws of Motion	M4 Free Fall		
	T 22			Ch 3: 3, 8, 12, 18, 23, 27, 30, 44	
	W 23		M2 Equilibrium		
	R 24	5-Work and Energy		Ch 4: 6, 11, 15, 20, 24, 35, 46, 52, 74, 76, 82	
<b>EXAM #1 Chapters 1-4 8:55 AM, Thursday, June 24</b>					
3	M 28		M10-Power and Energy		
	T 29				
	W 30	6-Momentum	No Lab	Ch 5: 6, 8, 11, 24, 28, 31, 33, 41, 52, 61, 76	
	R July 1				
4	M 5	No Classes or Labs			
	T 6	7-Circular Motion			
	W 7		M5- Conservation of Momentum	Ch 6: 4, 7, 14, 20, 26, 35, 43, 63	
	R 8	8-Rotational			
5	M 12	Dynamics	M6- Centripetal Force	Ch 7: 6, 8, 10, 15, 26, 33, 38, 43, 60	
	T 13	9-Solids and		Ch 8: 2, 10, 15, 19, 34, 46, 49, 58, 85	
	W 14	Fluids	M7- Equilibrium of		
	R 15	10- Fluid Motion	a Rigid Body		
<b>EXAM #2 Chapters 5-8 8:55 AM Thursday, July 15</b>					
6	M 19		M9-Angular Acceleration of a Flywheel	Ch 9: 1, 13, 20, 23, 29, 38	
	T 20	11-Thermal Physics		Ch 10: 3, 6, 8, 13, 27	
	W 21	12-Heat	No Lab		
	R 22			Ch 11: 6, 12, 20, 34, 37, 40, 48, 54	
7	M 26	13-Thermodynamics	M11- Young's Modulus, or H1 Gas Thermometer	Ch 12: 4, 6, 19, 26, 41, 59, 65	
	T 27				
	<b>EXAM #3 Chapters 9-12 8:55 AM Tuesday, July 27</b>				
	W 28		H3-Heat of Fusion, or		
R 29	14-Vibrations & Waves	Heat of Vaporization	Ch 13: 4, 11, 16, 19, 31, 51		
8	M August 2		M7-Pendulum		
	T 3	15-Sound		Ch 14: 4, 5, 12, 18, 25, 33, 36, 43, 50	
	W 4		S1-Strings		
	R 5			Ch 15: 4, 12, 15, 21, 31, 40, 48	
<b>EXAM #4 Chapters 13-15 10:20 AM Thursday, August 5</b>					

Homework is due at 8:55 AM on the day shown in the syllabus. Solutions to the homework will be in the reserve shelf in the Physics Library.

The lab schedule shown is for the MW section. Those in the TR section will do the same labs on Tuesday and Thursday as shown for Monday and Wednesday.

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### Exams

There will be four one hour exams as listed in the syllabus. All needed constants and formulas will be provided on the cover sheet of the exam. **There will be absolutely no early, late, or makeup exams.** In the event you have a documentable excuse from a physician, Dean, or academic advisor, the average from your other exams will be substituted for the missed exam.

### Homework

It is essential that you work on the assigned homework as soon as possible. The pace is twice that during the regular semester, so start the homework early!

### Labs

You must complete all labs to pass the course. If you miss a lab, you should check with your instructor immediately about making it up. You must have a bound quadrille ruled notebook which will remain in the laboratory.

### Final Grade

Homework and the labs will count for 20% of your grade. The four one hour exams will count for 20% each.

### Office Hours

To be announced!