

SYLLABUS-PHYSICS 103 SUMMER '95

Text: Jones & Childers II^d edition

WEEK	DATE	CHAPTER	LAB TOPIC	HOMEWORK (DUE DATE)
1	M June 19	I: Intro 1.1,1.5,1.6,	M1-Measurements	
	T 20	II: 1-d Motion		
	W 21		M1-Measurements	
	R 22	III: Vectors 3.1,3.2,3.3		
2	M June 26	III: 2-d Motion 3.4-3.6	M4-Free fall	
	T 27			
	⇒ T 27	Disc sec 15 min quiz		
	W 28		No Lab	
	R 29			
	R 29	1:10-2:40 FIRST ONE HOUR EXAM Ch I-III		
3	M July 3	IV: Force 1.1-1.8	M2-Equilibrium	
	T 4			
	W 5		Problem Session	
	R 7	V: Circular Motion		
4	M July 10		M6-Centripetal Force	
	T 11	VI: Energy		
	W 12		M10-Power	
	R 13			
5	M July 17	VII: Momentum 7.1-7.5	M5-Conservation of Momentum	
	T 18			
	⇒ T 18	Disc sec 15 min quiz		
	W 19	VIII: Collisions 8.1-8.4	No lab	
	R 20			
	R 29	1:10-2:40 SECOND ONE HOUR EXAM Ch IV-VIII		
6	M July 24	IX: Torque 9.1-9.4	M14-Air track	
	T 25			
	W 26	X: Fluids 10.1-10.3	M4-Equilibrium of Rigid body	
	R 27			
7	M July 31	XI: Therm 11.4-11.7	H2-Gas thermometer	
	T Aug 1			
	⇒ T 1	Disc sec 15 min quiz		
	W 2	XII: Kinetic Theory 12.1-12.5	H3-Fusion or H4-Vaporization	
	R 3			
8	M Aug 7	XIV: Periodic Motion 14.1-14.5	M7- Pendulum or S1-Waves on a string	
	T 8			
	W 9	XV: Wave motion 15.1-15.3,	No lab	
	R 10			
	R 10	1:10-2:40 THIRD ONE HOUR EXAM Ch IX-XII, XIV,XV		

YOUR INSTRUCTORS ARE:

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DISCUSSION SECTION 601 - CHARLES BOARDMAN 3331 STERLING

DISCUSSION SECTION 602 - BENJAMIN KOLTENBAH 1202 STERLING

- ONE HOUR EXAMS ARE HELD ON THURSDAYS 1:00 to 2:40 (NO MAKEUP EXAMS WILL BE GIVEN) All needed formulas and constants will be provided on the exam cover sheet.
- HOMEWORK IS DUE ON THE DATE SHOWN BEFORE CLASS (ON MONDAYS AND WEDNESDAYS) Solutions to the homework will be in the reserve shelf in the Physics Library on the day following the due date.
- YOU MAY GO TO THE OFFICE HOURS OF ANY TEACHING ASSISTANT
- LABS: If you have to miss a lab you may go to another lab the same week. If you have failed to make up more than one missed lab, your course grade will be decreased by half a grade point; two missed labs will decrease your grade by half a grade point (e.g. A → AB).
- You must have a bound quadrilled notebook for your laboratory work. You may not take the lab notebook out of the laboratory.
- THE FINAL GRADE will be computed in the following way: homework and labs 25% , the three one hour exams are normalized and performance weighted: the better scores count most. They will count 35 %, 25 %, 15, in order of score.

SCHEDULE

	Mon	Tue	Wed	Thu
8:55-9:45 1300 Sterling	Lec	Lec	Lec	Lec
10:20-11:10 1202/3331 St.	disc	disc	disc	disc
11:20-12:10 3405 Sterling	off UC ?	— ?	— ?	off UC ?
12:10-1:10 2402 Sterling	off CB	off BK	off CB	off BK
1:10-3:05 4313 Sterling	Lab CB	Lab BK	Lab CB	Lab BK