University of Mississippi - Physics 213 Introduction to Physics, 'Algebra Based Physics', First Semester 101 Lewis Hall, TTh 9:30-10:45am

Dr. Vance Eschenburg (Twitter: @drv) vance70@gmail.com physics213.com 662.915.3887 121A Lewis Hall

Tutorial Hours: TuTh, 11am-noon (Tutoring Room, 104 Lewis); Fri, 2:30-4 (134 Brevard) Office Hours: MWF, 4-5 (121A Lewis Hall)

Required Text: Physics, 7th. Ed., Giancoli, Vol 1, Loose Leaf (Ch 1-13). It also includes the Mastering Physics packet.

The mastering physics.com class code is: ESCHENBURG213SPR14 (All Caps)

Reference Texts:

College Physics, Schaum's Outlines, 11th. Edition, Bueche and Hecht. 3000 Solved Problems in Physics, Schaum's Solved Problems Series, Halpern.

Grading: Tests and Final are closed book, no notes, but a calculator is allowed.

15% Test 1 - February 20, 9:30-10am, 101 Lewis Hall

20% Test 2 - March 27, 9:30-10am, 101 Lewis Hall

25% Test 3 - April 24, 9:30-10am, 101 Lewis Hall

30% Final - May 8, 8-11am, 101 Lewis Hall

5% Online Homework

5% Written Homework

Bonus online and written homework are given at the discretion of the instructor of record.

A's: A-: 88.00% - 91.99% A: > 92.00%

B's: B-: 76.00% - 79.99% B+: 84.00% - 87.99% B: 80.00% - 83.99%

C's: C-: 64.00% - 67.99% C: 68.00% - 71.99% C+: 72.00% - 75.99%

Other: D: 50.00% - 63.99% F: < 50.00% No rounding.

The test dates are very firm. The exceptions are

- Personal injury requiring hospitalization
- Contageous illness
- Death in the immediate family
- Time conflicts with an MCAT (or other major standarized test) or graduate/professional school interview
- Participating in an official University event.

You are required to inform me with written and official documentation. If you do not, you are not excused and will receive a zero for the test. You may not reschedule the date/time of the final due to University Policy.

Week	Lab	Physics 213 Mon)								
1	None	20	0.0.0	Tues		Wed		TL			
		January	Holiday	21	No Class			Thurs		Fri	
2	Meas & Inst	27						23		24	
	22 11131	41		28		29		Ch 1 Intro	Bootcan	φ	
3	1D Motion	3		Ch 2 1D Motio	n	-/		30		31	
	· · · · · · · · · · · · · · · · · · ·			4		5		Ch 2 1D Motion			
1	Vector Addition	February 10		Ch 3 Vectors				6		7	
	Addition	10		11		12		Ch 3 2D Motion			
5	Projectile Motion	17		Ch 4 Newton's	Laws			13		14	
	. rojectile Motion	17		18		19		Ch 4 Newtons Law	S		
	No. 4-1-0W			Review			, 3-5, 134 Brevard	20		21	
,	Newton's 2 nd Law	24		25		26	, 3-3, 134 Brevard	Test I	Ch 1-4		
	0. 66 6-1			Ch 5 Circ motio	n & C	26		27		28	
	Coeff of Friction	3		4	11 & U			Ch 6 Work and E		20	
		March		Ch 7 Lin Momer		5		6		7	
pring	None	10	Spring	11				Ch 8 Rotational Mo	t	,	
reak			Break	11	Spring	12	Spring	13	Spring	14	
	Centripetal Force	17		18	Break		Break		Break	14	Spring
				Ch 8 Rotational I		19		20	Fracture	21	Break
	Con of E and p	24		25	MOI			Ch 9 - Static Equil	Elasticity	21	
				Review		26	-	27	Liasticity	20	
)	Tau and Rot Motion	31		review		_Review,	3-5, 134 Brevard	Test 2	Ch 5-9	28	
				A meil	Ch 10	2		3	CII 3-9		
/	Archimedes Prin	7		April	Fluids			Ch10 Fluids		4	
		•		8		9		10			
	imHarMot	14		Ch 11 Oscillation	S			Ch 12 Sound		11	
				15		16		17			
S	peed of Sound	21		Sound				Ch 13 Temp and		18	Good
				22		23		24	Kin Th		Friday
(ead Week	28		Review		Review,	3-5, 134 Brevard			25	
		20		29		30	, , , , o rorald	Test 3	Ch 10-13		
als		<i>-</i>		Review				1		2	
		5		6		7		May	Review	Review	, 1-3, 134 Brevard
				Review		,		8	Final	9	-, -, brevaru
	•							Comprehensive	8am-11am		

