

University of Mississippi - Physics 214, Section 1  
Introduction to Physics, 'Algebra Based Physics', Second Semester  
134 Brevard Hall, MW 1-2:15pm

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662.915.3887 121A Lewis Hall

Tutorial Hours: MW, 2:30-3:30pm (134 Brevard); Fri, 1-2:30pm (134 Brevard)  
Office Hours: MWF, 4-5 (121A Lewis Hall)

Required Text: Physics, 7th. Ed., Giancoli, Vol 2, Loose Leaf (Ch 16-25,27,30).  
It also includes the Mastering Physics packet.  
The masteringphysics.com class code is: ESCHENBURG214SPR14 (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 19, 1-2:15pm, 134 Brevard Hall

20% Test 2 - March 26, 1-2:15pm, 134 Brevard Hall

25% Test 3 - April 23, 1-2:15pm, 134 Brevard Hall

30% Final - May 7, noon-3pm, 134 Brevard 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
- Contagious illness
- Death in the immediate family
- Time conflicts with an MCAT (or other major standardized 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.

Physics 214		Mon		Tues	Wed	Thurs	Fri
1	None	20	Holiday	21	No Class	22	23
2	Electrostatics	27	January	28	Ch 16	29	30
3	E&V	3	Ch 16 E-Fields	4	Ch 17	5	6
4	Ohm's Law	10	February	11	Ch 19	12	13
5	Series and Parallel	17	Ch 18 Electric Currents	18	Ch 19	19	20
6	Kirchoff's	24	DC Currents	25	Test 1	26	27
7	Earth's B field	3	Review	4	Ch 16-19	5	6
Spring Break	None	10	Review, 6-8, 134 Brevard	11	Ch 20	12	13
8	I Balance	17	Ch 20 Magnetism	18	Ch 21	19	20
9	Exp & Osc	24	Ch 21 Induction	25	Ch 22	26	27
10	Geometric Optics	31	March	1	Ch 23	2	3
11	This Lenses	7	Spring Break	8	Optics	9	10
12	wave Nature	14	Ch 22, 23 EM Waves, Optics	15	Test 2	16	17
13	Spectroscopy	21	Review	22	Ch 20-23	23	24
14	None	28	Ch 24 Wave Nature	29	Ch 25	30	31
Finals		5	Optical Instruments	6	Early Q Theory	7	8
			Ch 30 Nuclear Physics	7	Nuclear Physics	8	9
			Review	8	Test 3	9	10
			Review	9	Ch 24, 25, 27, 30	10	11
			Review	10	Review	11	12
			Review	11	Noon-3pm Comprehensive	12	13
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