Physics 213 - Fall 2014
General Physics 1 - Algebra Based
Section 2 (S2), 205 Turner (205), MWF 9-10am
Section 4 (S4), 101 Lewis (101), MWF 1-2pm
Section 5,(S5), 101 Lewis (101), TuTh 9:30-10:45am
Text: Physics, Principles with Applications; by Giancoli;
7th. Ed., Volume 1, (Loose Leaf); Chapters 1-13.
Text is availble for sale at the Ole Miss Book Store in the Union
MasteringPhysics.com Class Code: ESCHENBURG213FALL14

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Grading, No drops, All tests will be 50 minutes long
(JAC=MultiPurpose Room, JAC Center) (101 = Lewis 101) (205 = Turner 205)

| Exam | S2 | S4 | S5 |
|---|---|---|---|
| Test 1 (15%) | 9/26: 8-11am JAC | 9/26: 1-1:50pm 101 | 9/25 9:30-10:20am, 101 |
| Test 2 (20%) | 10/24: 9-9:50am 205 | 10/24: 1-1:50pm 101 | 10/23 8-11am, JAC |
| Test 3 (25%) | 11/21: 8-11am JAC | 11/21: 1-1:50pm 101 | 11/20 9:30-10:20am, 101 |
| Final (30%) | 12/10 8-11am JAC | 12/10 noon-3pm 101 | 12/11 8-11am 101 |

Homework (Mastering Physics): (5%)
Homework (Written): (5%)
Section 2 is strongly encouraged to take Test 2 with Section 5 on 10/23.
Section 4 is strongly encouraged to take Test 1 and Test 3 with Section 2 on 9/26 and 12/10

Grade Scale

| | | | |
|---|---|---|---|
| A's: | 100.00% - 92.00% A | 91.99% - 88.00% A- | |
| B's: | 87.99% - 84.00% B+ | 83.99% - 80.00% B | 79.99% - 76.00% B- |
| C's: | 75.99% - 72.00% C+ | 71.99% - 68.00% C | 67.99% - 64.00% C- |
| Other: | 63.99% - 50.00% D | < 50.00% F | |

Schedule

| Week | Class | Lab |
|---|---|---|
| 1 | Measurement, 1D, Vectors | Meet and Greet |
| 2 | Vectors, 2D Motion | Measurements and Analysis |
| 3 | Newton's Laws, Circular Motion | 1D Motion |
| 4 | Circular Motion | Vector Addition |
| 5 | Review and Test 1 (Ch 1-5) | Projectile Motion |
| 6 | Work and Energy, Momentum | Newton's Second Law |
| 7 | Rotational Motion | Coefficients of Friction |
| 8 | Elasticity, Fracture, Static Equilibrium | Centripetal Motion |
| 9 | Review and Test 2 (Ch 6-9) | Conservation of Energy and Momentum |
| 10 | Fluids | Torques and Rotational Motion |
| 11 | Oscillation, Waves, and Sound | Archimede's Principle |
| 12 | Sound, Temperature, and Kinetic Theory | Simple Harmonic Motion |
| 13 | Review and Test 3 (Ch 10-13) | Speed of Sound in Air |
| 14 | Review for Final (Ch 1-13) | Dead Week |

# Lewis Hall Map