

Science 122

Monday, November 14/16

Midterm - Thursday, Nov. 17/16

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1. Return -> Summative Assessment - Hydrostatic Fluids

2. Midterm Outline

3. Worksheet - Equation of Continuity #50-55

4. Ideal Fluid Flow

5. Bernoulli's Equation

6. Worksheet - Fluids - Continuity and Bernoulli's Equations
Worksheet - Cutnell - Page 332 #56, 57, 58, 59

Science 122 - Midterm Outline

Diagrams

3 Hand Rules

coil rotation in a motor

parallel wires

charged particle in a uniform magnetic field

Lenz's Law - induced current

induced EMF

concave or convex mirror

Problems

mass spectrometer problem

induced voltage/current problem

double lens problem

2 hydrostatic fluid problems

Physics 112

Monday, November 14/16

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1. Conference Schedule
2. Return Midterms
3. Worksheet - Textbook ->C5 Page 197: PP #29, Page 200: PP #30-32
Worksheet - Textbook ->C5 Page 203: PP #33-35
Worksheet - Textbook ->C5 Page 209: PP #37-45
4. Egg Demo

5. Multiple Choice
6. Worksheet - Extra Momentum, Impulse, Etc.
7. Lab - Atwood's Machine
8. Lab - The Explosion (Change in Momentum)

Physics 122

Monday, November 14/16

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1. Return - Midterms and Labs
 2. [Worksheet - Text: Page 536, PP #1-8 - HW](#)
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3. Projectiles Fired at an Angle
 4. Special Case
 5. Formulas
 6. Examples
 7. Experiment 7.2 - Range of a Projectile

Science 10

Friday, November 14/16

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1. Check -> Worksheet - Finding Slope
 2. Distance vs Time Graph
 3. Slope and Speed
 4. Tumble Buggy Activity - To Be Continued

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5. Various Distance vs Time Graphs
 6. Matching a Graph to a Story