

Science 122

Tuesday, November 15/16

Midterm - Thursday, Nov. 17/16

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1. Midterm Outline
 2. Worksheet - Equation of Continuity #50-55
 3. Ideal Fluid Flow
 4. Bernoulli's Equation
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5. 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

Tuesday, November 15/16

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1. Conference Schedule

2. 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

3. Group 1 - Multiple Choice

Worksheet - Extra Momentum, Impulse, Etc.

Group 2 - Lab: Atwood's Machine

Group 3 - Lab: The Explosion (Change in Momentum)

Physics 122

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1. Check -> Worksheet - Text: Page 536, PP #1-8

2. Projectiles Fired at an Angle

3. Special Case

4. Formulas

5. Examples - To Be Continued

6. Experiment 7.2 - Range of a Projectile

Science 10

Tuesday, November 15/16

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1. Check Slope Sheet
2. Tumble Buggy Activity - Continue
 - Graph One Set of Data
 - Put Graph in P5 Drawer to be Checked

3. Various Distance vs Time Graphs
4. Matching a Graph to a Story
5. Worksheet - Distance, Time Speed
6. Topics - Physics Quiz #2