

# Physics 112

Monday, March 11/19

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1. SA - Basic Knowledge and Skills - Thursday at Noon

2. FA - Calculate  $\vec{R}$   
Justifications and LC Due by Wednesday

3. Worksheets: Velocity-Time Graphs (4)

4. Topics -> SA - U1:S2 (See Next Page)

5. SA: U1 - S1&2 (Vector and Graphical Analysis)

Date - Frid, March 15/19

Format: MC (multiple choice)

Calculate  $\mathbf{R}$  (rubric)

Chart (motion of a vehicle)

Interpret Position vs. Time Graph

Interpret Velocity vs Time Graph

Velocity-Time Graph (like #1-4)

6. FA: Velocity-Time Graph - Tomorrow

## Topics -> SA - U1: S2

1. three types of motion: no motion  
uniform motion  
uniformly accelerated motion
2. use direction of velocity and acceleration to describe an object's motion (ie/ complete chart for vehicle)
3. interpret position-time graphs
4. interpret velocity-time graphs
5. obtain information by reading data from a velocity-time graph and performing calculations

## Physics 122

Monday, March 1/19

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1. Return -> SA - U1: S1&2 (Force and Torque)
  2. U1: S3 - Relative Velocity
  3. Velocities with Parallel Directions
  4. Velocities at Right Angles - Boats and Planes - To Be Continued
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5. Worksheet: Textbook:Page 110 - #21, 22, 25, 27(a)  
Page 117 - #23, 24, 29
  6. Velocities at Right Angles - Intersection Problems
  7. Worksheets: Relative Velocity - Mixed Problems

## Science 122

Monday, March 11/19

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1. Return: SA - Lenses in Combination (One Problem)  
\*Shelby
  2. Worksheet: Problems - Pressure and Depth in a Static Fluid
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3. Pressure Gauges
  4. Pascal's Principle
  5. Hydraulic Lift
  6. Buoyancy and Archimedes' Principle
  7. Sink, Float or Hang?
  8. % Submerged/Visible
  9. Apparent Weight
  10. Worksheet - Archimedes' Principle

## Science 10

Monday, March 11/19

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<http://mvhs-sherrard.weebly.com/>

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1. Assignment: Periodic Table of Me, Myself and I  
Date: **Friday, Feb. 22/19 - 4 Days Late**
  2. **SA - Chem #1 - Thursday At Noon**
  3. Ionic Compounds Containing Polyatomic Ions
  4. **Worksheet #3: Ionic Compounds Containing Polyatomic Ions**
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5. Transition Elements
  6. Multivalent Metals and Their Ions
  7. Ionic Compounds Containing Multivalent Metals
  8. Worksheet #4: Ionic Compounds Containing Transition Elements
  9. Recap: Types of Ions
  10. Worksheet #5: Ionic Compounds Summary