

Physics 112

Wednesday, December 19/18

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1. SA - U3S2 - Types of Energy and Work-Energy Theorems

- Wednesday, Dec. 19/18

- Five Problems: Kinetic Energy

Work-Kinetic Energy Theorem

Change in Gravitational Pot. Energy

Work-Grav. Pot. Energy Theorem

Elastic Energy/Hooke's Law

2. Hard Copies - Topics and Format: Final Exam (Jan. 2018)

3. Exam Review – Problems (January 2018)

4. Concept Sheet - U3: S3&4

5. The Law of Conservation of Energy

6. Examples: Conservation of Energy Problems

7. Worksheet - C7 - Conservation of Mechanical Energy

Page 287: PP# 1-4, 6-7

8. Worksheet – Extra Practice - Conservation of Energy

Physics 122

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1. Return:
SA - U2 S3&4 - SHM and Projectile Motion
2. Coulomb's Law
3. [Worksheet - Charge and Coulomb's Law \(Two Objects\)](#)

4. Coulomb's Law - Three Charges In a Line
5. Coulomb's Law - Three Charges with Angles

Science 10

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1. Science Articles - Complete 8 by the end of the semester.
Optional Assignment - Graphing Characters (Max. 2)
- Due: Dec. 21/18
2. SA - Physics #2
3. Roller Coasters