

Physics 112

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Wednesday, December 12/18

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1. FA - Work -> Deadline: Tuesday, Dec. 11/18
 2. Return Marks:
SA - U3S1 - Work: Tuesday, Dec. 11/18
 3. Check:
Worksheet - C6 PP #19-21 -> Kinetic Energy
- C6 PP #22-25 -> E_k and Work- E_k Theorem
 4. FA - Kinetic Energy
FA - Work- E_k Theorem
FA - Work- E_k Theorem (Problem) } Tomorrow
 5. Gravitational Potential Energy
 6. Reference/Zero Levels
 7. Work-Gravitational Potential Energy Theorem
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8. Worksheet - C6 PP #27 and 29 -> Gravitational Pot. Energy
C6 PP #30-33 -> W- E_g Theorem
 9. FA - Gravitational Potential Energy
FA - Change in Gravitational Pot. Energy
 10. Restoring Force
 11. Hooke's Law
 12. Elastic Limit
 13. Elastic Potential Energy
 14. FA - Elastic Potential Energy
 15. Worksheet - C6 PP #35-37 -> Hooke's Law
C6 PP #38-40 - Hooke's Law and E_e
C6 PFU #16-17, 20, 23-25, 27-28, 30-31

Physics 122

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1. FA - SHM: Mass on a Spring - Deadline: Mond., Dec. 10/18
 2. FA - Horizontal Projectiles - Deadline: Wed., Dec. 12/18
 3. Worksheet - Projectiles Fired at an Angle
 - C11, Text 543, PP #9-12
 - Worksheet - Projectiles Fired at an Angle
 - C11, Text 549, PP #13, PP #14 (Level 1)
 - C11, Text 570, PFU #17, 19, 20 (omit graph)
 - Worksheets - Mixed Horizontal and Fired at an Angle Projectiles (2)
 4. FA - Projectile Fired at an Angle - Deadline: Thurs., Dec. 13/18 ★
 5. FA - Mixed SHM and Projectile Motion (Optional)
 6. SA - U2 S3&4 - SHM and Projectile Motion
 - 5 Problems (10 min/Prob)
 - Monday, Dec. 17/18
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Science 10

Wednesday, December 12/18

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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. Roller Coasters and/or Intervention