

Thursday, December 13/2  
Physics 122/121

Due: Dec. 14/12 { Grad Write-Ups  
Grad Surveys

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1. Experiment 7.2 - Range of a Projectile (Lab Manual - Page 45)  
Due - Friday, Dec. 14/12 - Period 1 /  $\Rightarrow$  Monday.
2. Check - Text: Page 536, PP #1-8 (Projectiles Launched Horizontally)
3. Projectiles Fired at an Angle
4. Text: Page 549, PP #13  
Page 570, Prob. #17, 19, 20 (omit graph)

Quiz - Projectiles - Wed.

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Review Topics: Torque w Angle  
Incline Plane  
Circular Mot.  
2D - Collision  
SHM.

## Circular Motion

Handout: Problems - Circular Motion

LEVEL 1 -> Packet (Banked and Unbanked Curves, Vertical Circular Motion)

## Universal Gravitation

Experiment 8.1 - Kepler's Laws - Page 49

Chapter 12 - Page 580, PP#1-7

Investigation 12-A, Page 581

Handouts (3) - Kepler's Laws, Value of "g", Speed and Period of a Satellite

## Simple Harmonic Motion

Text: Page 608, #1-4  
Page 623, #23-27, 30 } Mass on Spring

Text: Page 614, #5-8  
Page 623, #28, 29 } Pendulum

**Answer to #5 is listed as #7's. Scan answers for others.**

SHM - Pendulum Lab

Handout: SHM Problems

## Projectiles

Text: Page 536, PP #1-8

Text: Page 549, PP #13  
Page 570, Prob. #17, 19, 20 (omit graph)

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