

AP-B Physics

Week of October 28

Website: <http://www.tarleton.edu/physics/APPhysicsB/index.html>

1. Monday October 28 – Test 8

In Class – Test 8 (Chapters 1-6): Emphasis will be on Work and Energy Problems.

Outside of Class:

- a) Complete Center-of-Mass Module
- b) Watch “The Conservation of Linear Momentum Video” on The Mechanical Universe
http://www.learner.org/vod/vod_window.html?pid=560
- c) Work on Homework 14 as time permits and bring questions to class

2. Tuesday October 29

In Class – Collisions (Example problems involving Conservation of Linear Momentum)

Outside of Class:

- a) Read pages 194-202 in Giancoli
- b) Finish Homework 14

3. Wednesday October 30

In Class – Hooke Spring Activity

Outside Class:

- a) Watch Videos in Rotational Module
- b) Start working on Homework 15 Problems
- c) Homework 14 **Due Tonight**

4. Thursday October 31

In Class – Rotational Motion (Work problems)

Outside Class:

- a) Read pages 209-210 in Giancoli
- b) Continue working on Homework 15 Due Saturday

5. Friday November 1

In Class – Have students work additional problems (beyond those in their homework) in small groups at the board on energy, linear momentum, and rotation (Schaum’s Outline Series, Textbook problems, etc. can be used for problems).

Outside Class (Weekend):

- a) Read pages 210-216 of Giancoli to complete Chapter 8
- b) Watch Videos on Rotational Dynamics
- c) Complete Homework 15 **Due Saturday**
- d) Prepare for Test 9 on Monday (Linear Momentum)

6. Monday November 4 – Test 9!! (Through Chapter 7)

Anticipate extracurricular schedule conflicts and work ahead as needed.
You may contact me directly at: marble@tarleton.edu or by Skype