

# AP-B Physics

## Week of October 21

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

### 1. Monday October 21 – Test 7

**In Class** – Test 7 (Chapters 1-5 excluding Newton’s Universal Law of Gravitation): Emphasis will be on Newton’s Law Problems involving sliding friction and central forces.

**Outside of Class:**

- Read pages 155-160 in Giancoli
- Watch “The Conservation of Energy Video” on The Mechanical Universe  
[http://www.learner.org/vod/vod\\_window.html?pid=560](http://www.learner.org/vod/vod_window.html?pid=560)
- Work on Homework 12 as time permits and bring questions to class

### 2. Tuesday October 22

**In Class** – Work Energy Theorem and Conservation of Energy

**Outside of Class:**

- Read pages 167-173 in Giancoli
- Watch the Potential Energy Video on the Mechanical Universe  
[http://www.learner.org/vod/vod\\_window.html?pid=563](http://www.learner.org/vod/vod_window.html?pid=563)
- Work on Homework 12 as time permits

### 3. Wednesday October 23

**In Class** – Logger Pro - Popper Activity

**Outside Class:**

- Read pages 173-181 in Giancoli
- Finish Homework 12 (Due tonight)
- Watch any videos in the Momentum Module as time permits

### 4. Thursday October 24

**In Class** – Linear Momentum

**Outside Class:**

- Finish watching any remaining videos in the Momentum Module
- Read pages 182-186 in Giancoli.
- Start on Homework 13 Due Saturday

### 5. Friday October 25

**In Class** – Teacher Discretion (review homework problems, make students work problems at the board, start Logger Pro Spring Activity)

**Outside Class:**

- Re-read Chapter 6 of Giancoli and review homework for exam
- Complete Homework 13 Due Saturday
- Prepare for Test 8 on Monday (Energy & Work)
- Watch Linear Momentum Video on Mechanical Universe if time permits (optional)

### 6. Monday October 28 – Test 8!!

Anticipate extracurricular schedule conflicts and work ahead as needed.

You may contact me directly at: [marble@tarleton.edu](mailto:marble@tarleton.edu) or by Skype