

# AP-B Physics

## Week of September 2<sup>nd</sup>

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

### 1. Monday September 2 – Holiday

### 2. Tuesday September 3

**In Class** – Finish Discussion of Trigonometry and Cover Vectors

**Outside of Class:**

- a) Read Chapter 2 pages 19-21 of Giancoli
- b) Module 4 1-Dimensional Motion (General Definitions) on Website (Print notes & watch following videos on General Definitions):
  - 1) Point Particle
  - 2) Coordinate System
  - 3) Displacement
- c) Check Assignment Calendar & Work On Assignments as Time Permits

### 3. Wednesday September 4

**In Class** – Worksheet on Vectors 2 (Due Next Tuesday)

**Outside Class:**

- a) Read Chapter 2 pages 22-25 of Giancoli
- b) Module 4 1-Dimensional Motion watch the following videos under General Definitions:
  - 1) Average Velocity
  - 2) Velocity
  - 3) Average Acceleration
  - 4) Acceleration
- c) Write down any questions you have
- d) Check Assignment Calendar & Work On Assignments as Time Permits

### 4. Thursday September 5

**In Class** – Finish Vectors & Discuss Kinematics Concepts

**Outside Class:**

- a) Read Chapter 2 pp. 36 & 37 in Giancoli
- b) Module 4 1-Dimensional Motion-Motion Graphs (Print the three graphs and watch the three movies)
- c) Check Assignment Calendar & Work On Assignments as Time Permits

### 5. Friday September 6

**In Class** – Logger Pro Data Analysis & Graphs

**Outside Class:**

- a) Read Chapter 2 pp. 26-30
- b) Module 4 1-Dimensional Motion – Constant Acceleration (print notes & watch videos)
- c) Check Assignment Calendar & Work On Assignments as Time Permits
- d) Prepare for Test 1 on Monday (Units, Scientific Notation, Engineering Notation, SI Units, & Trig)

## 6. Monday September 9 – Test 1!!

Homework: Print out Webassign homework problems and place in binder under tab called homework. Solve the problems neatly on paper with no more than 2 problems per page and put in binder.

You only need the Internet to print the problems and enter your answers. In addition to accessing school computers before or after class or a home computer with Internet, most public libraries as well as Tarleton and community colleges provide computers with Internet access. If you have a laptop or other Internet capable devices, you can also access materials outside of class at Starbucks, McDonalds, and other places with WI-FI access.

Anticipate extracurricular schedule conflicts and work ahead as needed.

Webassign does provide a communication path to both myself and you local instructor for help on problems outside class provided you have entered an email account that you check.

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