

AP-B Physics

Week of September 23rd

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

1. Monday September 23

In Class – Test 3 (Motion Definitions and Motion Graphs) – Know the x-t, v-t, and a-t graphs for the four cases that we have worked (stationary, constant velocity, constant acceleration, and variable acceleration) and what physical quantities relate to the various coefficients obtained from curve fits using Logger Pro. Know the basic definitions for position, displacement, velocity, average velocity, acceleration, average acceleration, distance, average speed, and speed. Be able to apply the definitions to solve problems. Know material from all past exams.

Outside of Class: a) Review Free Fall (pp. 31-35) and Projectile Motion (pp 54-62) of Giancoli
b) Finish any class activities or Webassign Assignments as time permits

2. Tuesday September 24

In Class – Review Exam, Free Fall & Projectile Motion

Outside of Class: a) Review Relative Velocity pages 54-59 of Giancoli
b) Module 6 Print Notes and Watch Video on Position Transformation
c) Work on future Webassign assignments as time permits

3. Wednesday September 25

In Class – Projectile Motion Activity

Outside Class: a) Module 6 Galilean Transf. watch videos on velocity and acceleration.
b) Write down any questions you have
c) Work on future assignments on Webassign as time permits

4. Thursday September 26

In Class – Transformation Equations and Circular Motion

Outside Class: a) Read Chapter 5 pages 105-108, 115-116 in Giancoli.
b) Finish Homework #6 **Due 11:00 PM**

5. Friday September 27

In Class – Finish Projectile Motion Activity & Review For Test

Outside Class: a) Finish Module 6 Galilean Transformations (Watch Classic Frames of Reference Videos)
b) Prepare for Monday's Exam

Monday September 30 – Test 4 (Everything in Giancoli through page 53 with an emphasis on 1-D motion especially constant acceleration problems)

- Anticipate extracurricular schedule conflicts and work ahead as needed.

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