**CONCEPTUAL PHYSICS Unit 2: FORCE and MOTION**

9-26 Force

* Packet Handout / CH overview
* Notes: Overview of Forces
* Reading: pp. 16-19
* **HW: Exercises 2.1 / CD 2-1**

9-27 Mechanical Equilibrium

* Correct HW
* CP Problem #1 (pre-test)
* Notes: Mech. Equil. (static v. dynamic)
* Reading: pp. 16-19
* **HW: Exercises 2.2-2.4**

9-28 Force Vectors

* Correct HW
* Quiz
* Notes: Forces Vectors / Parallelogram Rule
* Reading: pp. 16-19
* **HW: Exercises 2.5 / CD 2-2**

9-29 Force Vectors Lab

* Correct HW
* Quiz
* Lab: Day 1 –
  + Q: how does the angle of force affect the tension on the string?
  + Develop Hypothesis and testing procedures

9-30 Force Vectors Lab

* Lab: Day 2 –
  + Testing Hypotheses
  + Analysis and Results
  + Interpreting Data
* **HW: Finish Lab Report**

10-3 Class Activity

* Discuss Lab Reports – due tomorrow
* Quiz
* Practice Problem: Math Practice
* Group Activity: Discuss/rank/explain/solve/present

10-4 Problem Set Activity

* Correct HW
* Continue Group Activity: Discuss/rank/explain/solve/present
  + Present
* **HW: finish activity**

10-5 Chapter Wrap up / CH 3 Intro

* Go over Unit 2 Online Activity
* Online quiz
* Quiz over CH 2 – FORCE
* Packet Handout – CH 3 Overview

10-6 Force of Friction

* Read pp 28-32
* Classwork: Exercises 31-3.3
* Notes: Friction
* **HW: CPWS 3A / Finish Exercises**

10-10 Lab Day

* Correct HW
* Quiz
* Lab: Friction Lab

10-11 Lab Day

* Lab: Finish
  + Write lab report
* **Read pp 33-35**
* **HW: Exercise 3.4**

10-12 Mass v Weight

* Correct HW
* Quiz
* Notes: Mass v Weight
* **HW: CD 3-1**

10-12 Inertia

* Correct HW
* Quiz
* Notes: Inertia
* **HW: CD 3-2 / CH 3 Math Practice**

10-12 Review

* Practice Test
* Review

**9-21 Test Day**

* **Lab Report due**
* **Test over Unit 2 (CH 2&3)**
* **Receive Unit 3 Packet**