

Week 12

INFORMATION FOR THE WEEK OF Apr 15

Read/pre-lecture problems ahead: Chapter 5, finishing up the last two sections, Chapter 10 will be covered this week. This is review from Chem 30A and is heavy with algebra. You need to read ahead so that the algebra makes sense. Take a look at 'Looking for a gas' and the Wind map.

Tuesday, Apr 16

Lecture— Chapter 5: sections 5.7, 5.8, Chapter 10: Re-read 10.1, We start with 10.7 followed by 10.2-10.5)

Lab— Lecture in lab; you can come to any section (1st section is best-covering 10.6)

Thursday, Apr 18

Lecture—Chapter 10: 10.8; chapter 6: 6.1-6.4

Lab— Experiment 13: Calculation of the Molar Volume of a Gas at STP and the Ideal Gas Constant, R

Handouts from the website I might use during lecture: Gas Law WS. Diffusion/effusion practice problems

The following assignments are due: Apr 18

Lab: Experiment: Exp. 15: heat of fusion of ice.

Mastering: HW 5.5-5.8. CH 11.4 Also, you should look at the Key General Chemistry skills. They are for practice. Every little bit helps.

Canvas: Earth day assignment 4/23: Part 1, up load a screen shot. Part 2, reflective essay. You can upload it on canvas, or submit by hand.

Other: Pick a Hess's Law problem. Handout was passed out in class. You can get a copy on the website under Lecture: chapter 5.

The following assignments are past due.

- Experiment 20-Acid-Base Titration: Standardization of KOH and Determination of the Molarity and/or Percent Composition of an Acid Solution; Experiment 22: Concentration and Limiting reagent; NIE-you will get a copy in lab with your lab partner.

Additional announcements

- Apr 26th: Last day to drop with W. after this date, grades only! **Remember, dropping the course is your responsibility.**
- Earth day assignment is due on 4/23
- I should have your test corrections graded and posted by next Tuesday.
- I will not be at school on Monday.