

SUMMER CHEMISTRY(Adult School) - 2009

Thank-you for taking the adult school class in chemistry. This will be the first time we have used this method to train students for AP chemistry who have not complete a first year of chemistry. The class will be three hours a day and for only three weeks so you have will only 45 hours of class rather than the 58 hours of class that previous students have taken. The experiments that you will do are very important and in addition to learning, remembering information you need to learn laboratory skills like safety, glassware, filtering, using a Bunsen burner, filtering and using graduate cylinders and electronic balances. In order to qualify for Ap chemistry you must be thoroughly proficient in scienfic notation, significant figures, unit analysis, naming of compounds, writing molecular and net ionic equations, stoichiometry including limiting reagent problems. It would be helpful to be exposed to molarity and basic atomic theory concepts and general definitions like element, homogeneous, isotope etc.

Textbooks: Chemistry by Zumdahl

Summer Chemistry Review – Mr. Johnson will assume that incoming Ap students will be familiar with the following problems in the Zumdahl textbook. He will spend some time the first week reviewing any concepts as necessary and then go finish chapter four.

Ch. 1: 3,4,5,6,15,20,21,25,26,27,28,31,32,33,59,60,61,62,64,65

Ch. 2:

1,5,15,18,19,20,23,41,43,44,45,47,48,51,55,56,59,60,61,63,65,67,69,70,71,72,73

Ch. 3:

1,3,8,10,13,21,22,29,30,35,37,39,41,43,45,47,51,52,53,54,56,59,63,65,67,68,73,74,77,81,82,83,84,90,92,95,97,98,99,100,103

Ch. 4: 15,17,19,21,22,23,29,30,33,34