Chemistry 110 Elementary Chemistry Lab

Fall 2015  
Instructor: Olga Dukhovny  
Office: S 218A  
Phone: (562) 860-2461 x2695  
Email: odukhovny@cerritos.edu  
Office Hours: TBA

Required Text And Materials:
1. The required lab manual is online. Go to http://web.cerritos.edu/odukhovny, click on Chemistry 110 lab, and then click on experiments and then click on the individual labs to download and print. You are required to bring the appropriate lab experiment to class the day the lab is to be performed. Experiments will not be handed out in class, unless otherwise stated by the instructor.
2. Safety in the Chemistry Lab at http://cms.cerritos.edu/chemistry/
3. Safety goggles in compliance with ANSI Z87.1-1989 which provide splash protection as required by California State Law. THESE ARE TO BE WORN AT ALL TIMES IN LAB.

Lab Grade: The laboratory is worth 25% of your overall Chemistry 110 grade. The percentage is found by adding up all of the earned points and dividing by the points possible and multiplying by 100. The lecture is worth 75% of your overall Chemistry 110 grade.
Overall Chemistry 110 Course % = 0.75 (Lecture %) + 0.25 (Lab %)
If you fail to successfully complete three or more experiments, your course grade will be no higher than a D.
YOU MUST PASS THE LAB AND LECTURE TO OBTAIN A "D" GRADE OR HIGHER.

Safety: All safety procedures specified in Safety in the Chemistry Lab must be followed at all times in the laboratory. (http://cms.cerritos.edu/chemistry/) Failure to work safely in accordance with those as well as any other safety procedures presented to you in the safety film, in written experiment instructions, or verbal instructions from your lab instructor, can result in your being removed from the lab. Failure to wear safety goggles can result in your being removed from the lab.

Safety Quiz: Each student in the Chemistry 110 lab must thoroughly read and understand the material presented in the required Safety in the Chemistry Lab. The Safety Quiz will be given in the second week of lab during the quiz section. You may not miss more than 5 questions out of the 53 questions on the Safety Quiz. If you do not receive a satisfactory score on the Safety Quiz, you will be allowed to retake it once. If you do not get a satisfactory score after retaking the quiz, you will be prohibited from participating in any experiments and you will receive an F grade for the lab portion of the course. If you choose not to drop the class, your course grade will be an F.
**Experiments:** 10 points each
The lab manual is online and must be printed out before coming to class unless otherwise directed. Experiments are done on the date shown on the lab schedule and are to be performed alone so there are no lab partners in the Chemistry 110 lab. Your lab instructor must initial each report sheet before you leave the lab after completing that day's experiment. NO CREDIT WILL BE GIVEN WITHOUT THE INITIALS. Each report sheet is due at the beginning of the quiz section the following week. Each laboratory experiment is worth 10 points except those experiments with unknowns. Late reports will be accepted no more than two lab periods late and are discounted 2 points per week. The lowest report score is dropped.

**Lab Quizzes:** 30 Points each
A lab quiz for each experiment will be given on the day the report sheet is due. Also, there may be at least one question on the new experiment to be done that day. THERE ARE NO MAKEUP QUIZZES. You are expected to take the quiz regardless of whether you have completed the previous week's experiment. Lab quizzes are worth 30 points each. The lowest quiz score is dropped.

**Capstone Lab:** The Capstone lab is worth 50 points. A practice is available on-line.

**Lab Makeup:** If you miss an experiment, you may make it up by attending another Chemistry 110 lab but only if that class is doing the experiment you missed. You must obtain a permission slip from your lab instructor and present it to the instructor whose lab you are visiting during the "quiz" portion of the lab. Be sure to have the instructor in the lab that you visit initial your report sheet.

**Lab Equipment Responsibility:** Each Chemistry 110 student will be assigned a locker box. Once a locker is assigned, the locker contents become the responsibility of the student. You will be charged for any broken glassware or equipment.

**Community Locker Responsibility:** The community lockers contain items of equipment that are not found in a student’s assigned locker. These items are shared among Chemistry 110 students that work in the same vicinity. You may use these items during a lab, but they must be returned to the community locker before you leave the laboratory. If any of these items are found in your assigned equipment box, the item will be removed and you will be fined.

**Dropping the lab:** You must check in your lab equipment to officially drop the Chemistry 110 class. This involves checking into your equipment during your regularly scheduled lab period. If this is not possible, the stockroom will check you in for a fee by making an appointment with them at (562) 860-2451 extension 2695. An administrative hold will be placed on your records if you fail to check-in and pay any debt owed to the stockroom by the final exam date.