CH-101 Practicum Study Guide

Students: Your practicum will consist of 6 stations. You will have 16 minutes per station. This week we will collect your goggles to use next week during the practicum. Be sure to come appropriately dressed and bring a pencil and a non-programmable calculator.

Below is a list of the techniques and concepts studied throughout the semester which will be tested in the practicum.

Remember the practicum is worth 30% of your lab grade and CANNOT be dropped.

1. Appropriate use of equipment
2. Reading IV bags
3. Identification tests in solutions, colloids and suspensions lab and alcohols, ketones and aldehydes
4. Radioactive decay equations
5. Draw 1°, 2°, 3° alcohols
6. Reading equipment accurately
7. Naming equipment
8. Strong, weak, non electrolytes
9. Make a solution and calculate % concentration
10. Reactions of hydrocarbons and alcohols. Be able to identify hydrocarbons as alkanes or alkenes and alcohols as 1°, 2°, 3° by observation
11. Density of an unknown solid
12. Chemical reactions, observations, balancing, identifying types of reactions
13. Be able to draw and name isomers given a molecular formula
14. Be able to draw and name models of organic compounds