

HOW DO I STUDY FOR THE CHEM 116 LAB FINAL EXAM??

1. Reread all labs and safety rules. Redo any calculations.
2. Redo any pre-lab or post-lab questions assigned as laboratory homework.
3. Answer any pre-lab or post-lab questions not assigned as laboratory homework.
4. Study the following lecture topics which are related to lab:
 - A. Molarity of ions in solution
 - B. Solubility rules (memorize!) and predicting products
 - C. Net ionic equations
 - D. Kinetics and factors that affect the reaction rate
 - E. Equilibrium, Le'Chatelier's principle and reversible reactions
 - F. Acid-base equilibria (pH and % ionization)
 - G. Common ion effect and buffers
 - H. Indicators
 - I. Hydrolysis of salts (identification of salt as basic, acidic or neutral)
 - J. Titration curves (specifically weak acid-strong base)
 - K. Qualitative analysis scheme and calculations involving K_{sp} , K_{spA} and separations
 - L. Amphoterism and ammonia complexes