

HOW DO I STUDY FOR THE LAB FINAL EXAM??

1. Reread all labs and safety rules. Redo any calculations.
2. Check the answer keys for any homework/pre & post-lab questions (see bulletin boards near Clark 112 front door) which include:
 - A. Appendices A and B
 - B. Pre- & post-lab questions and questions within the experiments (see bulletin board)
 - C. Safety quiz
3. Study the following lecture topics which are related to lab:
 - A. Molarity of ions in solution (for Appendix A)
 - B. Solubility rules and predicting products (for Exp #1 and others)
 - C. Net ionic equations (for Appendix B and Exp #2)
 - D. Kinetics and factors that affect the reaction rate (for Exp #2)
 - E. Equilibrium, Le'Chatelier's principle and reversible reactions (for Exp #3 and #4)
 - F. Acid-base equilibria (pH and % ionization) (for Exp #4)
 - G. Common ion effect and buffers (for Exp #4)
 - H. Titration curves (specifically weak acid-strong base) (for Exp #6)
 - I. Qualitative analysis scheme and calculations involving K_{sp} , K_{spA} and separations (for Exp #8-#13)
 - J. Amphoterism and ammonia complexes (for Exp #7)

NOTE: Some extra study materials dealing with K_{sp} and K_{spA} can be found on ecampus within the laboratory folder.