

Ch 334 Lab Final Study Sheet

You need to be able to apply the techniques that you learned to new situations. You will be given at least one laboratory scenario that will require you to apply the principles and techniques you used to a laboratory procedure you have not done in the lab.

Things you will need to be able to do(not necessarily a complete list of topics):

- ◆ Give in detailed instructions for setting up and carrying out any of the techniques you have done in the lab including
 - Melting Point
 - Micro Boiling Point
 - Recrystallization
 - Extraction
 - Distillation (both simple and fractional)
- ◆ Be able to analyze hypothetical experimental data which is presented on the exam
- ◆ Know the purpose of the different reagents and lab materials and how they are used
- ◆ Be able to do any calculations that were done in any of the labs
- ◆ Be able to generalize any reactions that were done so you can apply them to reagents that are similar to those you used.
- ◆ Be able to solve unknown problems
- ◆ Be able to look things up in the reference books available in the lab room

This is not an open book or lab notebook exercise. The only thing you may use is a pencil and calculator.