

Chemistry 117 Laboratory Schedule - Summer 2007

Laboratory Coordinator: Mr. Wei Shi

Lab Instructors: Mr. Wei Shi (MW)

Ms. Valentina Atanossova (TuTh day)

Mr. William Hebard (TuTh night)

There are three laboratory sections for CH117. They all follow the same weekly schedule with a few exceptions which your instructor will inform you about at your class meetings. If for some reason you cannot attend your lab section you must make arrangements to make up the lab within the same half of the week. The set-up for each experiment will no longer be available after the last section (MW or TuTh) has met, and you will be unable to make up the missed lab. If you miss a lab you will receive a zero for it.

SCHEDULE OF EXPERIMENTS

<u>Lab Day</u>	<u>Experiment and Title</u>
May 28, 29	No labs
May 30, 31	1. Length and Volume
June 4, 5	2. Mass and Density
June 6, 7	3. Reactions of Copper
June 11, 12	4a. Water of Hydration
June 13, 14	4b. Green Stoichiometry Experiment
June 18, 19	No labs
June 20, 21	5. Concentrations
June 25, 26	6. Heats of Reaction
June 27, 28	7. Five Unlabeled Bottles
July 2, 3	8. Volumetric Iron Analysis
July 9, 10	9. Molecular Shapes

Rules

- Reports are to be completed and handed in at the end of each laboratory period.
- Labs start promptly at their scheduled times. Students arriving late will not be allowed to work.
- Safety Goggles (supplied) must be worn whenever anyone in the laboratory is doing an experiment.
- Always follow instructions regarding disposal of chemicals. Do not dispose of any chemicals in the sinks (unless instructed to do so).
- Report any injury immediately to your lab instructor.

There is no eating and no drinking in the laboratory. Do not wear open-toed shoes (e.g. flip-flops, sandals), and tie back any long hair. Certain chemicals must be used and remain in the fume hoods. Some chemicals can damage skin and clothing. You will be advised about the safe handling of these chemicals when they are used. If you wish, you may use nitrile gloves, available in the lab, when working with hazardous materials.