

Ms. Thuy Nguyen
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CHEMISTRY 1211
LABORATORY SCHEDULE
FALL 2008

Office Hours:
8:30-11:30 a.m. MWF
or by appointment

Week of

August 18	Check in/ Toledo test
August 25	Measurements and Graphical Exploration of Data
September 1	Naming Compounds
September 8	Physical Properties: The Analysis of an Unknown Powder
September 15	Line Spectra
September 22	The Periodic Table
September 29	Endothermic and Exothermic Reactions
October 6	Molecular Shapes
October 13	Stoichiometry in a Chemical Reaction
October 20	Titration: An introduction
October 27	Making Solutions
November 3	Classification of Chemical Reactions
November 10	Synthesis of Potassium Trioxalatoferrate Trihydrate
November 17	Additivity of Heats of Reaction: Hess's Law

Required Lab materials: Online Lab Materials
Non-programmable scientific calculator
Approved Safety Glasses

Attendance: You are expected to attend all lab sessions and to be on time. A short quiz will be given at the beginning of lab. If you arrive late and miss the prelab lecture, you will not be allowed to attend that lab (receiving a zero for that experiment.) Prior to admission to each lab, you must have a copy of the assigned experiment before you are allowed to perform the experiment. Furthermore, you should read the assigned experiment in order to understand the concept and purpose of the experiment. Occasionally, for practical reasons, students may perform the experimental part of the laboratory in pairs/group. However, each student must work individually and submit his/her own lab report. Regardless of circumstances, there will be **NO make-up lab**; if you miss a lab, this will count as a zero (becoming one of the dropped labs).

Grading: The quiz is worth 10 points and the lab report 90 points. Thus, each experiment is graded out of 100 points. The two lowest lab grades will be dropped in calculating the lab average.

Breakage/Drawer key: Glassware and lab equipments are in good condition at check in time. Any breakage done during an experiment and any missing item must be paid for. If you do not pay for your breakage and turn in the drawer key, a hold will be placed on your ability to register for the next semester. In other words, you would not get the courses for which you pre-register. This hold applies to students who drop the course and fail to check their lab drawer out, as well as those who complete the course.

Safety: Students are advised not to wear contacts. If you do, however, check with your eye doctor in the event of any irritation. It is never advisable to wear soft, long-wear lenses in the laboratory. No matter what else you wear, safety goggles/glasses must be worn at all times. Open-toed shoes are not acceptable, food and beverages are not permitted. Appropriate clothing must be worn; for example, sleeveless shirts, neckties, and dangling jewelry are not allowed. Hazardous chemical materials should be disposed in a proper waste container. A chemistry laboratory is potentially dangerous. Therefore, proper precautions should be taken and safety followed. For any violation of these basic safety rules, you will be dismissed from the lab and receive a zero for that experiment.

Evacuation plan: In case of emergency or fire alarm, immediately unplug all electrical equipment in use, take your personal belongings, and leave the laboratory in an orderly manner. Take the nearest exit through the staircase (right as you exit the laboratory). If the stairwell is blocked, turn right and head toward the atrium to exit the building. Do not use the elevator.