

GENERAL SAFETY RULES

Safety is an important aspect of working in a chemistry laboratory (lab). The following rules should be stressed in all lab work, and it should be noted that this is not an exhaustive list. Each experiment will likely have additional safety rules to follow.

1. All lab students must wear safety goggles or safety glasses while working in the chemistry lab. Safety glasses must have side shields.
2. Clothing must cover everything from the shoulders down while working in the lab. For example: shoes must cover the entire feet; ankles must not be exposed; arms and midribs must be covered; clothing and shoes should not have holes, rips, or tears.
3. It is highly recommended that loose clothing and clothing which is very flammable (made from synthetic material) not be worn to the lab. The best clothing material for lab work is cotton.
4. Long or loose hair must be tied back in a ponytail, bun, braid, etc.
5. Open flames must be confined appropriately and not near flammable materials such as organic solvents or organic solvent waste containers.
6. Any experiments which produce or may produce toxic vapors must be performed in a fume hood (or with adequate alternative means of ventilation). All experiments in organic lab (CHEM 241 and 243) must be performed in a fume hood.
7. Students must know the location of safety equipment in the lab, such as fire extinguishers, safety showers, eye wash stations, and first aid kits.
8. Students must not eat, drink, or chew gum in the lab. Food and drinks must not be brought into the lab.
9. All students shall practice good housekeeping, which includes the proper care and use of lab equipment as well as cleaning all work areas before leaving (including shared work areas).
10. No student is permitted to work alone in the lab. No students should enter the lab before their instructor is present.
11. All portions of the pre-lab assignments must be completed prior to beginning lab work.
12. It is highly recommended that students with chronic or acute health problems share this information confidentially with the lab instructor so the instructor can react promptly to any specific concerns which may arise.

These safety rules must be followed at all times. Students' work may be interrupted at any time to correct unsafe conditions. Your instructor is authorized to deny admission to the lab or dismiss a student from the lab in the event of a significant and/or continued violation of these rules.

Furthermore, a grade of 0 may be earned for that lab period; your syllabus should be consulted for specific policies.

Complete the information below to confirm that you have read the above rules, understand them, and agree to abide by them.

Signature _____ Date _____

Print name _____

Course and section # _____ Year and semester _____