

LABORATORY SAFETY RULES AND AGREEMENT CHEG 4139

You must sign and return this contract before you can engage in any lab activity.

General Guidelines – Conduct and Safety

1. Food, drink, and chewing gum are not allowed in the lab at any time.
2. Horseplay, pranks, and other acts of mischief are forbidden.
3. Never leave an ongoing experiment unattended.
4. Keep your lab space clean and organized. Backpacks, jackets, etc. are not allowed in areas where chemicals are used. Make sure they are placed in an appropriate location.
5. Clearly label all chemicals with the full chemical name, molarity (when applicable), date, and student initials.
6. Dispose of all waste in an appropriate manner. If you are unsure, follow your instructor's directions.
7. Be aware of the locations and operation of safety features in the lab.
 - a. Exits
 - b. Emergency Safety Shower
 - c. Eye Wash
 - d. First Aid Kit
 - e. Fire Alarms
 - f. Fire Blankets
 - g. Chemical Fume Hood
8. Know the hazards and the physical and chemical properties of the material used. Safety Data Sheets are located in the lab and are available by asking your instructor. There are also many sources available on the internet.

Attire – Dress Code and PPE

1. Safety goggles and lab coats must be worn at all times in designated lab areas.
2. Gloves are required for all labs. Avoid spreading chemicals by always removing gloves before leaving the work area or handling items other than chemical apparatus.
3. Long pants and closed toed shoes are required for admittance to the lab. You will not be allowed into the lab if you show up dressed inappropriately for lab. Shorts, skirts, and open toed shoes are not proper lab attire.
4. Long hair and loose clothing must be confined or tied back.

Glassware & Equipment

1. Be aware of the proper way to handle and operate equipment. Manuals will be available to you on request.
2. Before starting an experiment, make sure you know how to turn off equipment in case of an emergency.

3. Do not use glassware with cracks or chips. Cracks and chips could cause the glassware to fail during use and cause serious injury. Ask your instructor for a replacement.
4. Dispose of broken glassware including ceramics and used disposable glass pipettes in broken glass containers. Do not put paper or other items in the broken glass containers.
5. All glassware must be cleaned after use and returned to appropriate location. If you are unsure, follow your instructor's directions.
6. If a piece of equipment breaks or malfunctions, alert your instructor immediately.

Accidents

1. Notify your instructor immediately of any injury, spill, fire or explosion. All injuries and accidents, regardless of severity, must be reported.
2. If a chemical should splash in your eye(s) or on your skin, immediately flush with running water for at least 15 minutes. Notify the instructor immediately.
3. In the event of an emergency, dial 911.

I understand that participating in the science laboratory exposes me to potential hazards. I have read and understand the above safety rules and agree to abide by them and follow the directions of the instructor. I agree to act responsibly and safely in the laboratory at all times.

If I fail to adhere to any of the rules, I may be asked to leave the lab without opportunity for make-up. I will cooperate to the fullest extent with my instructor and fellow students to create and maintain a safe lab environment. I am aware that any violation can lead to unsafe lab conditions and can harm others and me.

Signature

Date

Print Name