

Student Acknowledgement Form

Course Name _____ Course Number _____

Student's Name _____ Semester _____ 20_____

Student's UIN _____

Safety in Laboratory Courses with Chemical Hazards

To the student: You are required to read, understand and implement the safety precautions indicated in your laboratory manual or laboratory handouts, which are summarized below. Your signature on the attached sheet indicates your absolute willingness to abide by these precautions while you are in the laboratory.

1. Work in the laboratory only as authorized by your instructor. Do not perform unauthorized experiments.
2. You are required to purchase ANSI approved safety goggles and wear them as directed during some laboratory sessions.
3. Learn emergency procedures and know the locations of the nearest eye wash and chemical cleanup materials.
4. If you are injured or if any type of accident or fire occurs, IMMEDIATELY call your instructor for assistance.
5. Carefully read all instructions and thoroughly plan your work.
6. Wear appropriate clothing and shoes, not sandals, in the lab. Confine long hair. Place personal items in the area designated for backpacks. Backpacks are not permitted at the bench.
7. Carefully read all labels on chemical bottles and familiarize yourself with the number/color hazards codes. Never return excess chemicals to the stock bottles. Do not put a pipette or a dropper directly into a commercial stock reagent bottle. Instead, pour an aliquot of the reagent from the stock bottle into a beaker. Use premixed lab reagents as directed in the instructions for specific laboratory exercises.
8. Do not eat, drink or smoke in the laboratory. Never taste chemicals.
9. When mixing or heating chemicals in a test tube, point the test tube away from people.
10. Do not use Bunsen burners or other sources of spark or flame in the vicinity of flammable liquids. Note that most organic solvents are flammable.
11. Dispose of all acidic solutions by pouring them into the acid-neutralization container, and all alkaline solutions in the alkali-neutralization container.
12. While mixing acid and water, always add the acid to the water, not vice-versa.
13. Fill a pipette by using a pipette bulb or mechanical pipette only; **never** pipette by mouth.
14. If a spill occurs, refer it to your instructor or other trained person immediately.
15. Dispose of chemicals as directed by your instructor and in a manner consistent with federal, state and local hazardous waste disposal regulations. Organic solvents are **never** to be disposed of down the sink; receptacles will be provided as needed for their collection.

I have read carefully and understand all of the safety rules contained on this sheet. I also agree to read all rules for specific exercises contained in the laboratory manual or laboratory handouts required for this course. The weekly assignment will include instructions for appropriate personal protective equipment and the safety precautions to be taken for the upcoming laboratory session. I recognize that it is my responsibility to obey them faithfully.

I realize that all chemicals are potentially dangerous; therefore I will exercise care in handling them. If I am unsure of the potential hazards of any chemical, I will discuss this with my instructor prior to using the chemical in question.

If I have a medical condition such as, but not limited to, hypo- or hyperglycemia, diabetes, epilepsy, pregnancy, heart ailments, or **any other medical condition** which may cause sudden loss of consciousness, I certify that I am under a doctor's care and that my doctor has given me explicit permission to participate in this laboratory course.

I understand that my adherence to the safety rules is a requirement for participation in this laboratory course. The consequence for not following the instructions of the laboratory session or failure to adhere to the safety rules will result in immediate dismissal from the laboratory period and a grade of zero given for that session.

I FURTHER UNDERSTAND THAT I AM PERMITTED TO WORK IN THE LABORATORY ONLY WHEN IT IS UNDER THE SUPERVISION OF A LABORATORY INSTRUCTOR, UNLESS SPECIFICALLY INFORMED OTHERWISE.

Sign both Student Acknowledgement forms. Your laboratory supervisor will collect and forward the signed copies to the Environmental Health & Safety office.

Signature _____ Date _____

Lab Instructor Name (print) _____