



Bucknell University Safety Regulations and Standard Operating Procedures for Laboratories

- 1) Safety glasses must be worn in the laboratory when hazardous materials are being used. Indirectly vented safety goggles are preferred when there is a risk of splashing hazards.
- 2) Non-permeable gloves and lab coats should be used when working with chemicals. The instructor or Lab Director may require you to wear personal protection equipment at any time.
- 3) Use the fume hoods whenever possible. Laboratory fume hoods are the most important components used to protect laboratory employees and students from exposure to hazardous chemicals and agents used in the laboratory.
- 4) Eating, drinking, gum chewing, application of cosmetics, manipulation of contact lenses, or other such activities are not permitted while chemical manipulations or lab work is being performed.
- 5) Conduct yourself in a responsible manner at all times in the laboratory. This means that horseplay, throwing items, and pranks are prohibited.
- 6) You should not work alone in the lab if using hazardous materials or performing hazardous procedures unless other people are in the vicinity and are aware that someone is in the laboratory.
- 7) Dress appropriately for laboratory work. Avoid loose or baggy clothing and dangling jewelry. Confine or tie back long hair. Sandals or any open toed shoes should not be permitted in the laboratory.
- 8) Students should read lab directions ahead of time and follow all verbal and written instructions.
- 9) Students shall only perform authorized experiments.
- 10) All accidents or injuries in the laboratory must be documented no matter how trivial it may seem. An accident report, which can be located on myBucknell on the Environmental Health & Safety (EH&S) website, must be completed and sent to EH&S. The instructor and student can determine if further treatment is needed. Students may report to Bucknell Student Health if needed.
- 11) Sinks are to be used only for disposal of water and those solutions designated by the instructor. Other solutions must be placed in the appropriate labeled waste container. See the instructor or Lab Director for guidance on chemical disposal.
- 12) Never block access to emergency equipment, showers, eyewashes, or exits.
- 13) Bring only your lab instructions, calculators, appropriate computing equipment, and writing instruments to the laboratory area. Leave backpacks and other books in the classroom area or other designated area. Examples of designated areas include non-experimental bench space in the lab or shelving/hooks inside the door.
- 14) All chemicals should be in tightly closed, sturdy, and appropriate containers. If the chemical has been transferred to a secondary container, the new container must be appropriately labeled with the chemical name and if possible, the associated hazards.
- 15) Inspect all apparatuses before beginning work in the laboratory. Injuries can occur from broken glassware, chemical exposure, electrical shock, etc.



All possible hazardous situations cannot be foreseen nor can all the possible safety related problems be anticipated, therefore, it is insisted that you assume some of the responsibility to be as safety conscious as possible.

I realize that the above rules will be enforced for the safety of me, my lab partners, and those people working in the labs. Failure to observe the above rules may result in safety hazards and removal from lab. I acknowledge that I have received a copy of these regulations in writing.

Name(print) _____

Course & Section _____

Signature _____

Date _____