



Lake Worth

Laboratory Safety Rules Verification Form

Concepts and Principles of Biology I & II
BSC 1005L, 1010L & 1011L

Professors, please have the students read and sign the document attached. After being signed please put this entire packet in the instructor's desk – look for an envelope with your name. It is recommended that you keep a copy of the signed form.

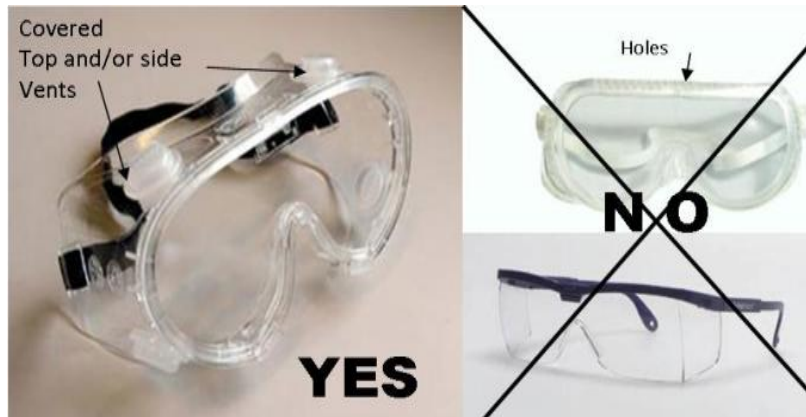
Concepts and Principles of Biology I & II Safety Rules

1. Think about what you are doing at all times! The laboratory is a place for serious work and not a place to play. Think about your own safety and that of others working around you.
2. No eating, drinking, smoking or chewing gum is allowed in the laboratory. Do not store food in the refrigerator that is used to store chemicals. Never taste a chemical.
3. Proper attire is mandatory. Everyone must wear a lab coat, closed-toe shoes, and clothing that does not have exposed skin (i.e. no shorts or skirts; long skirts are permissible) at all times. Long hair must be tied back at all times. When handling liquids/reagents or performing/observing dissections students must wear safety goggles and disposable latex or nitrile gloves. There may be other occasions when the instructor asks the students to wear goggles and gloves.






Note: Students must bring their own lab coats (coats should be washed with bleach at home separate from other laundry.) Students taking Principles of Biology (BSC 1010L and BSC 1011L) must purchase their gloves and safety goggles and should bring them to all the lab activities – students taking Principles of Biology normally have to take other sciences courses where goggles and lab coats are required. Students taking Concepts in Biology (BSC 1005L) will be supplied with disposable gloves and sanitized goggles. (See picture of acceptable safely goggles below.)

4. Wash your hands before putting on your gloves and after taking them off.
5. Never throw solid materials into the sinks; use the proper waste containers for paper and glass. Preserved biological specimens should be disposed of in a biohazard container. Gloves may be disposed of in regular garbage containers. (See table of waste containers and hazardous materials below.)
6. Do not return excess chemicals to stock containers, as this may contaminate the stock material. Ask the instructor for guidance in terms of disposing the excess chemicals.
7. Clean up spilled materials immediately using liberal quantities of water. Mop and buckets are available for cleaning spills off the floor. For table spills, use paper towels or small rags which are available throughout the lab. Ask the instructor for assistance if needed.
8. Keep your working surface areas clean at all times. Use paper towel and available cleaning products for cleaning the work station as needed.
9. Keep your lab manual at your desk. All other materials should be stored in designated areas.
10. Before leaving the laboratory, make sure the water is completely shut off. Return all special equipment to the designated place (e.g., microscopes, slides, etc.).
11. Familiarize yourself with the location of the shower, eye wash station, fire extinguishers and exits.
12. Report any accident to your instructor at once. The instructor will then call the Security Office (561-868-3600) or 911 depending on the severity of the incident. If the instructor calls 911, he/she will need to call Security immediately after.
13. Never perform any unauthorized experiments.
14. Learn how to properly use all equipment (microscopes, etc.). Never use the oil immersion lens (100X) unless the instructor advises you to. Before putting the microscopes away, always remove slides from microscopes and place the lowest objective into position (4X).
15. Always check sinks for debris; please push in chairs; leave the lab in desirable condition for the class that comes in after you.

Acceptable Safety Goggles



Type of Waste and Type of Container

Type of Waste (Type of Container)	Picture	Notes:	Petri Dishes Tube Culture	Broken Glassware	Gram Stain Slides	Non-Hazardous Slides & Preserved Slides	Dissected Preserved Specimens	Disposable Latex & Nitrile Gloves	Scalpel Blades, Pins & Needles	Reactive, Flammable & Poisonous Chemicals
Bio Hazardous Waste (Small Bags -red or bright orange, Large Bins, Boxes)		Tubes must be tightly capped. Liquids must be disposed of in a tightly capped container, then placed in the bio hazardous waste container.	X		X		X	X (When contaminated with biological agent)		
Sharps (Small Desktop Bin)						X			X	
Chemical Hazardous Waste (Labeled Bottles)		Chemical waste must be poured into appropriately labeled bottles. (Labeling is based on lab activity and/or reactivity.)								X
Glass (Cardboard Glass-Only Containers)		Remove any biological or chemical agents first.		X						
Non-Hazardous Waste (General Garbage and Recycle Bins)		Recycle uncontaminated materials in the proper recycle bin.						X (When NOT contaminated with biological agent)		

I fully understand and agree to follow the Lab Safety Rules for BSC 1005L, 1010L and 1011L.

Name of Instructor: _____ Semester: _____

Lab Day: _____ Lab Hours: _____

	Printed Name	Signature	Date
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