



## Microbiology Lab Rules

If you have any reason to suspect you are at higher risk of infection than the average student, please discuss the situation with your physician. I can provide you with a list of microorganisms and chemicals used in the lab if your doctor requires more information. You may be advised to take this course at another time for your safety.

1. Only necessary materials in the work area. Store whatever you don't need.
2. Wash your hands before and after the lab.
3. Tie back long hair.
4. Wear old clothes or scrubs and closed-toe shoes in the lab. No sandals or flip-flops.
5. Wear goggles and gloves when instructed.
6. No eating, drinking, smoking, applying make-up/Chapstick, chewing gum, or candy while in the lab.
7. Disinfect lab bench before and after lab. A clean lab is a safe lab.
8. Notify me of spills or broken equipment immediately.
9. Follow all disposal procedures. If you don't remember where something goes, please ask me.
10. No chewing pens or fingernails. I have suggestions on how to break these bad habits.
11. Only registered students are permitted in the lab. You can take photos at the end of the lab if you want to show your friends and family how much fun you are having!

## Microbiology Lab Disposal Rules

Microscopes:

1. Remove slides from the stage.
2. Student-made slide: drop in the used slide box in front of the biohazard bag.
3. Commercially prepared slide: clean it with Sparkle and lens paper and return it to the proper box.
4. Remove all oil from microscope lenses and/or stage using Sparkle and lens paper.
5. Replace cover and return scope to its matching number on the shelf in the cabinet. Return the cord to the storage box.

Other supplies:

1. Remove *all* tape and/or stickers from test tubes.
2. Leave test tubes *in racks* under the green sign in the discard area. We reuse them.
3. Used Petri dishes, gloves, swabs, cardboard test cards: Drop into a biohazard bag.
4. Loop and needle: Sterilize and return to the wire basket.



5. Goggles: Wipe with disinfectant and paper towel and return to the storage area.
6. Lab coats: Return to storage area. If the coat you used needs cleaning, please let your instructor know.

### How you are graded in microbiology lab:

Attendance and participation are very important because microbiology lab and lecture are a combined 4-credit hour course and grade at the end of the semester. Every member of a lab table must contribute to the group effort in some way each lab day. I recommend taking turns with the different roles. Some examples include:

1. Spotting lab partners as they pipette or streak plates to make sure there is no accidental contamination.
2. Helping to sanitize the lab table and dispose of waste properly.
3. Recording procedures and data in either a hardcopy lab notebook, Google Doc, or Canvas Folio for the table.
4. Assisting lab partners who have questions if I am busy at another table.
5. Fetching media, equipment, or cultures for the lab table.
6. Taking cultures to the incubator if they need to grow or to the fridge if they need to be stored.
7. Frequent absences or spending the entire lab class time on social media or personal business on your phone will upset your lab partners and result in my meeting with you privately.
8. If you stop attending lab, you will receive an F in BIO205. (Unless you withdraw yourself before the guaranteed withdrawal deadline.)