**Health and Safety Training for Biology 2425-Physiology Labs involving human blood**

* It is required for Lab Instructors to teach students the importance of handling blood in a safe manner. Students who fail to follow the rules will be expelled from class.
* Human blood can potentially contain blood borne viruses, such as HIV and hepatitis. Working with blood therefore carries a risk of infection if blood is not handled with care.
* Do not touch or come into contact with another student’s blood. **Students should handle only their own blood!**
* Students that do not feel comfortable with obtaining a small sample of their own blood can complete the lab activity by using the alternate sheep blood instead.
* The Lab Instructor and students are required to wear laboratory coat, gloves, and safety goggles at all times through the entire lab.
* Lab Instructor will introduce the equipment being used and demonstrate how to use the equipment.

***\*\*DO NOT PERFORM THE BLOOD LAB ACTIVITIES IF YOU HAVE ANY OF THE FOLLOWING CONDITIONS:***

1. **Bleeding disorders such as hemophilia or thrombocytopenia**
2. **A blood-borne infectious disease such as HIV or Hepatitis.**
3. **Individuals with a history of thrombosis, stroke, or liver disease.**
4. **Individuals taking anticoagulant medication.**

**Salt Lake Community College has a Bloodborne Pathogen Policy that can be found at**

<http://i.slcc.edu/facilities/docs/BLOODBORNE_PATHOGEN_POLICY_Oct_2011_RW.pdf>

**Safety Procedures:**

1. **Clean the table with a disinfectant solution and wipe it down with paper towels both before and after lab.**
2. **Wear gloves at all times during the entire lab. Replace damaged gloves immediately.**
3. **Wear safety goggles during the entire lab.**
4. **Work alone at your “assigned area”.**
5. **Wipe your thumb or finger with a sterile alcohol swab and allow the skin to dry.**
6. **The alcohol swab wrappers and band-aids wrappers need to be disposed in the biohazard bag.**
7. **Uncover the sterile lancet. Once used, dispose of the lancet into the sharps container immediately. DO NOT REUSE LANCETS!!**
8. **Gloves and paper towels need to be disposed in the biohazard bag.**
9. **Capillary tubes need to be disposed into the sharps container**
10. **Notify your instructor if sharps container or biohazard bag is getting full.**
11. **Notify your instructor if you accidentally discard something in the wrong container.**
12. **Keep your work area clean and uncluttered.**
13. **Wash your hands immediately before leaving the lab.**

This chart will be posted in the “assigned area”

***SPECIFIC DISPOSAL***

|  |  |
| --- | --- |
| **SHARPS CONTAINER** | **BIOHAZARD BAG** |
| **Lancets** | **Gloves** |
| **Capillary tube** | **Paper towels** |
|  | **Alcohol swabs** |
|  | **Contaminated paper towels** |
|  | **Alcohol swabs wrappers** |
|  | **Band-aids wrappers** |