Laboratory Safety and Regulations

Learning Objectives

At the end of this unit the student should be able to:

1. Recall and use safety related information presented in previous MLT and Phlebotomy courses.
2. Demonstrate awareness of the hazards associated with the chemistry department by properly handling and caring for chemistry equipment, glassware and reagents.
3. Describe the basic safety procedures used in a clinical laboratory.
4. Identify the hazards associated with chemical, biological and radiological materials.
5. Identify and be able to use various PPE’s in the clinical lab.
6. Identify different types of fire extinguishers and their proper uses.
7. Identify the proper disposal of various wastes generated in the clinical lab.
8. Discuss the purpose of OSHA.
9. Discuss the hallmarks of good safety practices.
10. Define the acronym RACE.
11. Recall the component(s) of fire(s).
12. Define NFPA and identify hazards based on their color and numerical representation.
13. Identify the agency that mandated the use of MSDS.
14. List the three principles of self-protection in terms or radioactivity safety.