**University Interamerican of Puerto Rico**

**Metropolitan Campus**

**Biology 1103- Biology Skill Laboratory I Section 72755**

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**Lab #1: Lab safety procedures, necessary responsibility, and behavior in a laboratory setting**

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1. **Abstract:**

Responsibility is an important quality to have in a lab setting, especially when handling dangerous materials such as chemicals, glassware, flammable substances, etc. It is important to come prepared for a lab with necessary attire (closed shoes, hair pulled back, lab coats, goggles) and aware of the procedures that will be taking place during the lab. It is necessary to be aware of where all safety equipment is in the lab room, such as a fire extinguisher and eye wash station. To avoid any mistakes or accidents, it is important not to act irresponsibly with materials or come unprepared, in order to protect both yourself and peers.

1. **Introduction:**
2. **Relevancy**: For the sake of carrying out a successful and safe lab, and perform experiments as accurately and correctly as possible, it is essential to be aware of safety procedures. These safety procedures will allow a comfortable setting for everyone participating in the lab to carry out their work and be efficient.
3. **Objective**: Understanding and learning the way to act safely in a lab setting. Learning the hazards and dangerous parts of a laboratory. Taking note of how to engage responsibly with the lab materials and procedures.
4. **Methodology**:

Discussing the rules and regulations provided by the professor regarding conduct and use of the lab area and its materials. Discussing the importance of being responsible and aware of your surroundings during a lab scenario. Discussing the proper clothing, shoes, and hair style for a lab as well as the necessary coat and goggles. Discussing the location of all emergency equipment such as fire extinguishers and eye wash station. Discussing preventative measures for avoiding accidents, such as being aware of what is happening during the lab and being attentive at all times.

1. **Results:**

As a result of this discussion of lab safety, important information was highlighted and made clear. This has made it easier to prevent accidents and mistakes during all future labs, which in turn allows everyone participating in lab exercises to complete labs successfully and accurately.

1. **Conclusion:**

Through the course of this lab, lab safety rules and procedures were discussed and learned. This discussion included explanations on lab behavior, dangerous lab materials, as well as ways to prevent accidents. This information will allow those participating in labs to be more prepared and aware of the correct actions and responses to emergencies. This will allow for the correct environment necessary for all labs.

1. **References:**
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