

## **EXPECTATIONS FOR THE LABORATORY COMPONENT OF BSC1005C.**

The lab is a very important part of this course. The lab grade is a combined with the lecture grade and contributes 30% to the final grade. You are advised to take the lab very seriously.

1. **Attend lab every week.** Attendance is important to your success. Nothing can replace the experience acquired by actually doing the lab. If you miss a lab, you miss the quiz or assignment for that lab as well as the information needed for the next week's quiz or lab report. A new lab is scheduled each week so that *missed labs cannot be made up*.
2. **Answer the pre-lab questions.** Usually we would have completed some of the topic in lecture before the lab so you should be able to answer the questions or at least know where to find the answers.
3. Since labs are only once per week it is easy to forget to do assignments and prepare for lab quizzes. The best way to avoid this is to do the lab report as soon as possible after the lab so that you can ask for help if you need it.
4. **You will be assigned to a group for lab.** Working in groups is an effective way of learning because it allows students to share knowledge and learn from each other. However, the lab report or lab quiz is an *individual exercise. Do not allow any one to copy your assignments and do not copy from any one*. This is not 'working together'. Usually, in this case, one person comes up with an explanation and others copy it. It is cheating, and very easy to detect when several students have the same grammatical and factual errors! Any work that is copied will not receive a grade. This applies to *both* the persons copying and those allowing their work to be copied.
5. Some time during the semester there will be a *peer evaluation of the lab groups*. That is , you and each of your group members will have an opportunity to evaluate yourself and each other on criteria such as cooperation, preparedness for lab etc.

**I have read the above laboratory expectations and understand what is required of me**

**Signature:**

**Date:**

## Laboratory Safety: General Guidelines

1. **THE USE OF CELL PHONES IS STRICTLY PROHIBITED FOR THE DURATION OF THE LAB PERIOD. STUDENTS USING CELL PHONES ARE CONSIDERED TO BE ABSENT!**
2. Upon entering the laboratory, place all, books, coats, purses. Backpacks, etc in designated areas, not on bench tops.
3. Locate and when appropriate, learn to use exits, fire extinguisher, fire blanket, chemical shower, eyewash, first aid kit, broken glass container, and cleanup materials for spills.
4. In case of fire, evacuate the room and assemble outside the building.
5. Do not eat (includes gum), drink (not even water), or apply cosmetics in the laboratory.
6. Confine long hair, loose clothing, and dangling jewelry.
7. Wear shoes at all times in the laboratory.
8. Cover cuts and scrapes with a sterile, water-proof bandage before attending lab.
9. Wear eye protection when working with chemicals.
10. Whenever you are required to wear gloves when performing experiments, dispose of these gloves in the biohazard container after use.
11. Do not taste anything or place anything into your mouth during the lab.
12. Wash skin immediately and thoroughly if contaminated by chemicals.
13. Do not perform unauthorized experiments.
14. Do not use equipment without instruction.
15. Do not remove anything from the lab.
16. Report *all* spills and accidents to your instructor immediately.

17. Never leave heat sources unattended.
18. When using hot plates, note that there is not always visible sign that they are hot (such as a red glow). Always assume that hot plates are hot.
19. Use an appropriate apparatus when handling hot glassware.
20. Do not allow liquid to come into contact with electrical cords. Handle electrical connectors with dry hand. Do not attempt to disconnect equipment that crackles, snaps or smokes.
21. Upon completion of laboratory exercises replace all materials in the areas designated by your instructor.
22. Do not pick up broken glassware with your hands. Use a broom and dustpan and discard the glass in designated glass waste containers; never discard with paper waste.
23. Leave the laboratory clean and organized for the next student.

**I have read the above laboratory safety rules and regulations and agree to abide by them.**

**Signature:**

**Date:**