

General Biology I: BIO1101 and BIO1101L

Name of Instructor: Dr. Andleeb Zameer

Office hours: Wednesday 2-3 p.m. and Thursday 5-6 p.m. OR by appointment.

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Please read the course guidelines and policies, sign and date towards the end to indicate that you have understood and have agreed to the terms and conditions. Please take a few moments to answer some questions at the end about yourself. Your responses will help in more efficient teaching and learning of the content during the course of this semester.

Course Description and Learning Outcomes

This course is an introductory level college course in General Biology where upon completion of the course students are expected to demonstrate the following competencies:

1. Demonstrate scientific literacy which will include the understanding that science is evidence based and that science uses observation and experiment.
2. Understand that there has been a change in living organisms through time and life has evolved through these variations and adaptations.
3. Know the cellular and molecular levels of organization of living things; understand the processes through which cells and organisms obtain energy; understand that DNA plays a critical role in storing genetic information in the cells, in protein synthesis and heredity.
4. Learn to write scientific laboratory reports using the correct terminology and format.
5. Recognize the role of scientific knowledge in understanding the natural phenomenon and how it helps the society.

Text

Lecture: "BIOLOGY" by S. Mader 11th Ed., McGraw Hill Publishers

Lab: "General Biology I Laboratory Manual" by Bakewicz, Raven, Moore, Vodopich and Enger, 1995. Custom publication for NYCCT by McGraw Hill Companies. Wm. C. Brown Publishers 1998

Open Lab, Blackboard and Email Access

Students are **required** to have access to the Openlab, Blackboard and City Tech email accounts for this course. Review materials, power point slide presentations, video links, additional readings outside the required text, assignments and weekly announcements will be posted on the Openlab and Blackboard. Students must check the Openlab and Blackboard frequently. Students are encouraged to contact the course instructor using their City Tech emails.

Assignments

1. For the lab part of the course, students are expected to submit **three lab reports** based on the experiments conducted in the lab. Lab reports will be typed and strictly follow the format

according to the guidelines posted on the Blackboard and/or Openlab. **Lab reports will be submitted on the due date either as a hard copy in the class or as an Email attachment as pdf documents. NO LATE SUBMISSIONS ARE ALLOWED EXCEPT IN CASES OF MEDICAL EMERGENCIES!**

2. For the lecture part of the course, additional readings from general topics in biology will be posted on the Blackboard/Openlab. Students are required to read and summarize these articles in their own words and submit these assignments on the due dates announced in the class. **NO LATE SUBMISSIONS ARE ALLOWED EXCEPT IN CASES OF MEDICAL EMERGENCIES!**

Grading Policy

Lecture: 60%

4 Exams: 50%

2 Written Assignments: 10%

Lab: 30%

4 Quizzes: 20%

3 Lab Reports: 10%

NOTE: EXTRA CREDITS OF UPTO 5% WILL BE AWARDED IN THE LAB. FOR CLASS PARTICIPATION, PREPAREDNESS FOR THE EXPERIMENT IN ADVANCE, ENTHUSIASM TOWARDS CONDUCTING EXPERIMENTS IN GROUPS.

PLEASE BE ADVISED THAT NO MAKEUP EXAMS OR QUIZZES WILL BE GIVEN EXCEPT IN CASES OF MEDICAL EMERGENCIES WHERE THE STUDENT WILL HAVE TO PROVIDE SOME KIND OF VALID EVIDENCE.

Attendance Policy

According to the department policy, a student may be absent without penalty for 10% of the number of scheduled class meetings during the semester. Therefore **a maximum of 3 absences are allowed in the lecture and a maximum of 2 absences are allowed in the lab** during the semester. If a student exceeds this limit, a grade of WU will be assigned which means a student will be dropped from the course with a failing grade. **Two times late is treated as one absence.**

Academic Integrity and Class Conduct

Plagiarism means to present the ideas or words of another as one's own work. This simply means that any "cutting and pasting", when you do the written assignments for this course, will be considered cheating. Students are expected to do their own work and to uphold educational ethics. Students are encouraged to use appropriate citations when referencing to other people's work in their written assignments. **Cheating is a serious offense and will be handled according to the college and university policies.**

Students are not allowed to disrupt the class by being late, talking, or allowing their cell phones to go off. The use of electronic devices in class is under the sole discretion of the instructor.

By signing below, students agree that they have read and understood the course related policies as stated in this document and that students agree to abide by these policies during the course of this semester.

Student Name: _____

Student Signature: _____

Student Email: _____

Date: _____

Please take a little time to answer the following questions. There are no wrong answers here. Your responses to these questions will provide me with valuable insights and will be extremely helpful in running this course more efficiently.

1. Is this your first semester in college? If yes, when did you graduate from high school? If no, how long have you been in college?

2. Are you a science or a non-science major? Please describe your major/future field of interest.

3. Are you planning to go in biology related professions like nursing, radiology, dentistry, physician assistant program etc.?

4. What are your expectations from this course both in terms of the kind of grade you expect to get and in terms of what you expect to learn in this course?

5. How much time per week OR per day are you planning to invest in studying for this course?

6. How would you describe your interest in science in general and biology in particular?