

BIOL 1107L: Principles of Biology Laboratory I (0-3-1)
Valdosta State University, Biology Department, College of Science & Math
Fall 2022: Laboratory Syllabus

Instructor: Dr. John G. Phillips (he/him)
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Office (Student) hours: **Monday 4:00 PM – 5:00 PM** **Wednesday 11:00 AM – 12:00 PM**
Or by appointment (please send me an email to my valdosta.edu account with “appointment” in the subject line and I will accommodate as time permits).

Laboratory Sections: **H (CRN # 83338): H /** 2:00 -- 4:50 p.m. – **BC 1083**
 M (CRN # 83343): M / 12:00 -- 2:50 p.m. – **BC 1085**

Pre- or Corequisite: BIOL 1107 Unifying Principles of Biology I.
Note a grade of C or higher is required in both these lectures and labs!

Course Description: A laboratory course to accompany BIOL 1107 lecture, with exercises dealing with the cellular nature of life.

Required Laboratory Manual: R. H. Goddard. *Methods and Investigations in Basic Biology* (Custom VSU manual). 6th Edition.

Required Laboratory Notebook & Brief Instructions: A dedicated bound notebook must be maintained for deposition of each laboratory exercise following the guidelines in the above lab manual (see introduction for details). Students must include a table of contents with numbered pages for each lab exercise. In addition, each lab entry in the dedicated notebook must provide a title, introduction, materials and methods, results in the form of collected data (i.e., Tables) or drawings and graphs (i.e. Figures). This is followed by a summary of what principles or hypotheses were learned through experimentation in the conclusion of each laboratory entry. More instructions will be provided by your inst

later time. A make-up assignment will be provided for those who have excused absences.

2. **Lab Reports (30%):** You will develop and complete an experiment and write a summary of the lab results in standard scientific format for two separate labs. Further information will be provided in the lab.
3. **Lab Notebook (10%):** A laboratory notebook is an important element for conducting scientific research. Each student will maintain a lab notebook for recording methods employed in the experiment as well as the experimental results. Students are **required** to have their notebook at every lab class.
4. **Group Participation (10%):** You will be graded on your attendance and ability to work with the members of your group. You must be present for the entire lab in order to receive full credit for group participation. You will receive a grade for each lab. Your lowest group participation grade will be dropped.

Attendance Policy: Students arriving late to lab will be counted as present but will receive a zero for the lab quiz. However, you must sign and date your quiz indicating you were late or you will be considered absent. Absences resulting in >20% of missed laboratory time (i.e., 3 labs) will result in an automatic grade of F as per University policy. **No make-up labs or quizzes are allowed.** The full absence regulations are available in the online catalog at <http://catalog.valdosta.edu/undergraduate/academic-affairs/>

Lab Conduct:

1. Please arrive on time. If you are more than 20 minutes late without clearing it with me, you will not receive credit for participating in that lab.
2. Please bring your notebook to the lab each week and record data in your notebook.
3. **No eating or drinking in the lab is allowed.**
4. You must take care of lab equipment. Notify the professor if something is not working properly or if something breaks during the course of the lab.
5. It is your responsibility to properly use the microscope assigned to your seat position. Please notify me if the microscope is not functioning properly.
6. Cell phones are not to be used in the lab. **This means no texting during the lab unless I give permission for cell phones to be out.**
7. A laboratory course is a collaborative effort. You will often work with your lab group or a lab partner. Please be prepared for the lab each week and be fully engaged in the lab experiments.

Academic Integrity: By taking this course, you agree that all required course work may be subject to submission for textual similarity review to Turnitin, a tool within BlazeVIEW.

Mid-term, or in-progress grades: The instructor is required to submit in-progress grades prior to mid-term (10/4/2022). In theory, a mid-term grade is necessary for students to assess how they are doing in class by midterm. In this course, students will have feedback on several lab quizzes, lab assignments, and any homework or group assignments. I will, in general, assign an overall average grade at this point on the normal scale of A-F viewable on Banner. Students receiving a grade of "D" or lower should therefore carefully evaluate their option of dropping this course by midterm without academic penalty. The deadline for withdrawal is listed in Banner about a week later.

COVID-19 related policy

As the Blazer Creed articulates, members of the VSU community are expected to live by the high standards of civility, integrity, and citizenship and embrace their responsibility as a member of the Blazer community. In recognition of this responsibility, and in response to the best available science and current guidance from the Centers for Disease Control and Prevention and the Georgia Department of Public Health, while face coverings are no longer required, individuals are strongly encouraged to continue wearing a face covering indoors. **Unvaccinated individuals are strongly encouraged to get vaccinated. Vaccines remain available at no cost for all members of the university community by appointment at Student Health Services. For COVID Vaccines, please call ahead for an appointment at 229-333-5886.**

Campus Gun Carry Statement (HB 280): If you choose to carry and concealed weapon on campus, you are responsible for knowing and following the law. Refer here for FAQ: <https://www.valdosta.edu/administration/finance-admin/police/campuscarry/>

SOI Statement: At the end of the term, all students will be expected to complete an online Student Opinion of Instruction survey (SOI) that will be available through SmartEvals. Students will receive an email notification through their VSU email address when the SOI is available (generally at least one week before the end of the term). SOI responses are anonymous to instructors/administrators, and they will be able to access results only after they have submitted final grades. Before final grade submission, instructors will not be able to see any responses, but they can see the percentage of students who have or have not completed their SOIs. While instructors will not be able to see student names, an automaxpauto71.15 TtooBwitiz2w4yet(ue wen)4.9(p)9ne Studile