

## **BIOL 1108 Principles of Biology II Laboratory, Section H Spring 2020 Syllabus**

**Location: BC 1073 (except for first lab in BC 3018)**

Friday 9:00 am – 11:50 am

**Lab Instructor: Dr. Cristina Calestani**

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**Office hours:**

Tuesday-Thursday 2 pm- 4 pm

or by appointment. To make an appointment please send an email to my valdosta.edu account.

**Course Description:** A laboratory course to accompany BIOL 1108, with exercises dealing with anatomy and physiology of plants and animals.

**Prerequisites:** BIOL 1107 and 1107L or permission of the instructor. Co-requisite: BIOL 1108.

### **REQUIRED TEXTBOOK**

**Online Laboratory Manual:** Grove, T. 2015. Biology Lab Manual (Access card only). Available at GreatRiverLearning.com or at the bookstore.

### **ASSESSMENTS**

Assessments will consist of weekly quizzes, take-home assignments, and practical exams. Students are required to maintain a **laboratory notebook** with drawings, descriptions, data etc. in order to study for the assignments.

**Lab quizzes.** There will be a quiz during the first 15 minutes of each lab session (except for the first day of class). The quizzes will be based on material from the previous lab. Quizzes are closed manual and closed notebook.

**Take-home assignments.** There will be 2 take-home assignments (see lab schedule for due dates). Details about the format of the take-home assignments will be presented in class.

**Practical exams.** There will be two practical exams, one covering the animal section and one covering the plant section. Questions may include microscope slides, whole specimens and written components. Lab practical exams can only be taken the day that they are scheduled.

## Grading

Quizzes (11): 110 points (10 points each)

Practical exam 1: 100 points

Practical exam 2: 100 points

Take-home assignment 1: 50 points

Take-home assignment 2: 50 points

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**Total laboratory points: 410**

*Extra-credits: 10 points max.*

## Grade Scale

A = 90 - 100 %

B = 80 - 89 %

C = 70 - 79 %

D = 60 - 69 %

F < 60 %

## ATTENDANCE POLICY

- Arrive on time. Students arriving 15 minutes late will have points deducted from their assignments
- Attendance is mandatory. In the event that a student misses a lab with an excuse, s/he should email the instructor within 24 hours of the missed lab. If you miss a lab you must provide documented evidence (e.g. note from a doctor) in order to make –up the weekly quiz. It is the instructor’s prerogative to accept the excuse or not.
- Students who **miss three or more labs, with or without a documented excuse cannot receive a lab grade above a “D” (60%).**
- Laboratories cannot be made up outside of the scheduled sessions. Students are still responsible to learn the lab content even if they received an excused absence.

## LABORATORY CONDUCT

- It is assumed that all students will act in a mature manner in the classroom, showing consideration for their peers and the instructor. Any student who consistently distracts other students or the instructor will be removed from the course.
- No eating or drinking during the lab.
- Students 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.
- Each student will be assigned a microscope. It is the student’s responsibility to properly use the microscope. Failure to do so will result in the subtraction of one point per incident from the student’s total lab points (not the final percentage).
- Cell phones cannot be used in the laboratory, with the exception of using them as timer when necessary.

## **CHEATING AND PLAGIARISM**

Incidents of cheating or plagiarism will result in **an automatic F for the assignment and referral to The Office of Student Conduct for disciplinary action.** For VSU's Academic Integrity Code please see <http://www.valdosta.edu/administration/student-affairs/student-conduct-office/>

For VSU's Academic Honesty policies and procedure please see <http://www.valdosta.edu/academics/academic-affairs/vp-office/academic-honesty-policies-and-procedures.php>

## **LEARNING SUPPORT**

**The Academic Support Center:** The Academic Support Center provides free peer tutoring for most core courses and some upper-division courses. It also offers time management and study skills workshops as well as other learning support services. Call 333-7570 to make an appointment, or visit the website: <https://www.valdosta.edu/asc/>

**Odum Library** provides a variety of services to assist classroom instruction, including library instruction, course reserves, and interlibrary loan. Please see <https://www.valdosta.edu/academics/library/> for further information.

**Title IX Statement:** Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, [titleix@valosta.edu](mailto:titleix@valosta.edu), 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

**Access Statement:** Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU's Access Office or email: [access@valdosta.edu](mailto:access@valdosta.edu).

**Privacy Act (FERPA):** The Family Educational Rights and Privacy Act (FERPA) prohibits the public posting of grades by social security number or in any manner personally identifiable to the individual student. No grades can be given over the telephone, as positive identification cannot be made by this manner.

**Laboratory Schedule: BIOL 1108L, Principles of Biology II;  
Spring Semester, 2020**

Date:	Topic:	Notes
<b>Jan 17</b>	<b>NO LAB</b>	
<b>Jan 24</b>	Lab 1. Introduction to Basic Statistics	<b>In room BC 3018</b>
<b>Jan 31</b>	Lab 7. Diversity of Porifera, Cnidaria, Platyhelminthes, and Annelida	<b>Assignment 1 (Lab 1) due in lab</b>
<b>Feb 7</b>	Lab 8. Diversity of Mollusca, Nematoda, Arthropoda, Echinodermata, and Chordata	
<b>Feb 14</b>	Lab 9. Introduction to Animal Tissues	
<b>Feb 21</b>	Lab 10. External and Internal Anatomy of the Fetal Pig	
<b>Feb 28</b>	Lab 11. Sensory Systems	
<b>March 6</b>	Lab 12. Cardiovascular System (data collection for Assignment 2)	
<b>March 13</b>	<b>Lab Practical I (Animals)</b>	
<b>March 20</b>	<b>Spring Break; No classes</b>	
<b>March 27</b>	Lab 2. Nonvascular, Seedless Plants: Mosses, Liverworts, and Hornworts	<b>Assignment 2 (Lab 12) due in lab</b>
<b>April 3</b>	Lab 3. Vascular Plants: Ferns, Gymnosperms and Angiosperms	
<b>April 10</b>	Lab 4. Plant Cells, Vegetative Organ Structures, and Patterns of Growth	
<b>April 17</b>	Lab 5. Angiosperm Development	
<b>April 24</b>	Lab 6. Growth and Transpiration	
<b>May 1</b>	<b>Lab Practical II (Plants)</b>	