

**Valdosta State University**  
**BIOL 1108 Principles of Biology II Laboratory, Sections G, H and I**  
**Spring 2019 Syllabus**

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

Section G, Wednesday 11:00 am - 1:50 pm

Section H Thursday 9:30 am - 12:20 pm

Section I, Friday 9:00 am – 11:50 am

**Lab Instructor: Dr. Cristina Calestani**

Office: BC 2085

Phone: (229) 333-7175

Email: [ccalestani@valdosta.edu](mailto:ccalestani@valdosta.edu)

**Office hours:**

Tuesday 10:00 am- 12:00 pm

Wednesday 3:00 pm- 5:00 pm

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

**Required Textbook:** Grove, T. 2015. Biology Lab Manual (Access card only, online textbook). Available at GreatRiverLearning.com or at the bookstore, ISBN: 9781680750201

**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). It is the instructor's prerogative to accept the excuse or not.
- Students who miss three or more labs 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.
- It is strongly advised to maintain a laboratory notebook with drawings, descriptions, data etc. because it will help you study for the practical exams.

**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.

## Assignments

Assignments will consist of weekly quizzes, take-home assignments, and two practical exams.

Each week there will be a pre-lab and a post-lab online quiz. These quizzes are embedded in the online lab manual. It is strongly advised to take the pre-lab quiz before each lab and the post-lab quiz after each lab.

Pre- and post-lab quizzes for labs 7 through 13 (labs on animals) will open on January 23<sup>rd</sup> at 9 am and will close on March 5<sup>th</sup> at 11:59 pm. There will be no quizzes for the first lab of the semester.

Pre- and post-lab quizzes for labs 2 through 6 (labs on plants) will open on March 6<sup>th</sup> at 9 am and will close on April 23<sup>rd</sup> at 11:59 pm.

Details about the take-home assignments will be presented in class.

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

### Lab grade

Pre- and post-labs: 248 points

Assignments: 30 points (3 for 10 points each)

Practical exam 1: 100 points

Practical exam 2: 100 points

Total Points: 478

The grade for the laboratory section will count as 25% of your final grade for the entire course (lecture +lab).

### Grade Scale

A = 90 - 100 %

B = 80 - 89 %

C = 70 - 79 %

D = 60 - 69 %

F < 60 %

## **Cheating or 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@valdosta.edu](mailto:titleix@valdosta.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).

**Laboratory Schedule: BIOL 1108K, Principles of Biology II;  
Spring Semester, 2019**

Date:	Topic:	Notes
<b>Jan 16-18</b>	Lab 1. Introduction to Basic Statistics	<b>In room BC 3018</b>
<b>Jan 23-25</b>	<b>MLK Day Holiday; no labs this week</b>	
<b>Jan 30-Feb 1</b>	Lab 7. Diversity of Porifera, Cnidaria, Platyhelminthes, and Annelida	<b>Assignment 1 (Lab 1) due in lab</b>
<b>Feb 6-8</b>	Lab 8. Diversity of Mollusca, Nematoda, Arthropoda, Echinodermata, and Chordata	
<b>Feb 13-15</b>	Lab 9. Introduction to Animal Tissues AND Lab 10. External and Internal Anatomy of the Fetal Pig	
<b>Feb 20-22</b>	Lab 11. Sensory Systems	
<b>Feb 27-March 1</b>	Lab 12. Cardiovascular System AND Lab 13. Excretory System (data collection for Assignment 2)	<b>Animal quizzes close on March 5<sup>th</sup> at 11:59 pm</b>
<b>March 6-8</b>	<b>Lab Practical I (Animals)</b>	
<i>March 7</i>	Midterm	
<b>March 13-15</b>	Lab 2. Nonvascular, Seedless Plants: Mosses, Liverworts, and Hornworts	<b>Assignment 2 (Lab 12) due in lab</b>
<b>March 20-22</b>	<b>Spring Break; No classes</b>	
<b>March 27-29</b>	Lab 3. Vascular Plants: Ferns, Gymnosperms and Angiosperms	
<b>April 3-5</b>	Lab 4. Plant Cells, Vegetative Organ Structures, and Patterns of Growth	
<b>April 10-12</b>	Lab 5. Angiosperm Development	
<b>April 17-19</b>	Lab 6. Growth and Transpiration (data collection for Assignment 3)	<b>Plant quizzes close on April 23<sup>rd</sup> at 11:59 pm</b>
<b>April 24-26</b>	<b>Lab Practical II (Plants)</b>	
<b>May 1-3</b>	Turn-in Assignment 3 in lab	<b>Assignment 3 (Lab 6) due</b>