

**Valdosta State University**  
**BIOL 1108 Principles of Biology II Laboratory, Sections H, L & M**  
**Spring 2012 Syllabus & Laboratory Policies**

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

Section H, Monday 9:00 am-11:50 am  
Section L, Wednesday 9:00 am-11:50 am  
Section M, Wednesday 1:00 pm-3:50 pm

**Lab Instructor: Dr. Cristina Calestani**

Office: BC 2085 during office hours. See below.

Phone: (229) 333-7175

Email: ccalestani@valdosta.edu

Office hours:

Monday 12:30 pm-1:30 pm

Tuesday 11 am- 1 pm

or by appointment

To make an appointment, send an email to my valdosta.edu account with “appointment” in the subject line.

**Required Textbook: Grove, T. 2011. Principles of Biology Lab Manual for BIOL 1108.**

**Attendance Policy:**

- Arrive on time. Students arriving 10 minutes late will not be able to turn in assignments and will receive a zero (0) on those 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 labs *for any reason* 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. The notebook must be a spiral bound notebook.

**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 timers when necessary.

## **Lab assignments and Lab Practical Exams:**

Weekly lab assignments will be given throughout the semester (12 in total). These assignments are due at the beginning of the following lab period. No late assignments will be accepted (see above).

Two lab practical exams will be given, one covering animals and one covering plants. Questions may include microscope slides, whole specimens and a written component. Lab practical exams can only be taken the week they are scheduled.

## **Grading**

The laboratory section will be 25% of your final grade for the entire course.

Lab assignments (12): 10-20 points each (depending on length).

Lab practicals (2): 80 points each.

## **Cheating or Plagiarism**

Incidents of cheating or plagiarism will result in **an automatic F for the lab course and referral to The Office of Student Conduct for disciplinary action**. For VSU's Academic Integrity Code please see <http://www.valdosta.edu/academic/AcademicHonestyPoliciesandProcedures.shtml>.

For VSU's Academic Honesty please see

<http://www.valdosta.edu/academic/AcademicHonestyatVSU.shtml>.

## **Learning Support**

- **The Student Success Center:** The Student Success Center (SSC) provides free peer tutoring in core courses, the top four of which are math, writing, Spanish, and biology/chemistry. It also offers time management and study skills workshops as well as provides free professional academic advising and on-campus job information in one location: Langdale Residence Hall. Help is available to all VSU students. Call 333-7570 to make an appointment, or visit the website: [www.valdosta.edu/ssc](http://www.valdosta.edu/ssc).
- **Odum Library** provides a variety of services to assist classroom instruction, including library instruction, course reserves, and interlibrary loan. Please see <http://www.valdosta.edu/library/services/faculty.shtml> for further information.

## **TENTATIVE LAB SCHEDULE AND TOPICS**

<b>Week of January 10</b>	<b>Introduction and Learn to Use Excel (Meet in Computer Lab room 3018) (Lab 1)</b>
<b>Week of January 17</b>	<b>NO LAB</b>
<b>Week of January 24</b>	<b>Diversity: Porifera and Cnidaria (Lab 8)</b> <b>Vertebrate Animal Tissues</b>
<b>Week of January 31</b>	<b>Diversity: Platyhelminthes (Lab 9)</b> <b>Vertebrate Anatomy</b>
<b>Week of February 7</b>	<b>Diversity: Annelida and Mollusca (Lab 10)</b> <b>Sensory Systems and Muscle Structure and Function</b>

<b>Week of February 14</b>	<b>Diversity: Nematoda and Arthropoda (Lab 11)</b> <b>Cardiovascular System</b>
<b>Week of February 21</b>	<b>Diversity: Echinodermata and Chordata (Lab 6)</b> <b>Digestive System and Excretory Systems</b>
<b>Week of February 28</b>	<b>LAB PRACTICAL</b>
<b>Week of March 7</b>	<b>NonTracheophytes (Seedless Plants) (Lab 2)</b>
<b>Week of March 14</b>	<b>NO CLASS SPRING BREAK</b>
<b>Week of March 21</b>	<b>Tracheophytes (Vascular Land Plants) (Lab 3)</b>
<b>Week of March 28</b>	<b>Roots, stems and leaves (Lab 4)</b>
<b>Week of April 4</b>	<b>Angiosperm Development (Lab 5)</b>
<b>Week of April 11</b>	<b>Growth and Transpiration (Lab 6)</b>
<b>Week of April 18</b>	<b>Pollution: Effects of Chemical, Thermal and Acid Pollution</b> <b>(Lab 7)</b>
<b>Week of April 25</b>	<b>LAB PRACTICAL</b>