

**Valdosta State University, BIOL 1107 Laboratory, Sections O, P & R**  
**Fall 2011 Syllabus & Laboratory Policies**

Lab: BC 1085

Section O, Wednesday 8:00 am-10:50 am

Section P, Thursday 9:00 am-11:50 am

Section R, Friday 8:00 am-10:50 am

Lab Instructor: Dr. Cristina Calestani

Office: BC 2085 during office hours. See below.

Phone: (229) 333-7175

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

Office hours:

Wednesday 11 am- 12 pm

Thursday 12 pm-1 pm

Friday 11 am-12 pm

or by appointment

To make an appointment, send an email to my [valdosta.edu](mailto:ccalestani@valdosta.edu) account with "appointment" in the subject line.

### **Required Text**

R.H. Goddard. 2011. Methods and Investigations in Basic Biology. Fifth Edition. Hayden-McNeil Publishing, Plymouth, MI.

Lab (25% of grade):

Quizzes (13): 9 points each

Lab Assignments (2): 50 points each

Lab Notebook: 50 points

**Attendance Policy:** Students who miss two labs without an excuse or three labs total cannot receive a **lab grade** above a "D" (60%). Attendance will be recorded using the lab quiz, which will be taken during the first 10 minutes of the lab.

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) that circumstances beyond your control prevented you from coming to the lab. It is the instructor's prerogative to accept the excuse or not. Failure to provide reasonable evidence will also result in a grade of 0 for the quiz. Makeup quizzes will be administered at any time during the semester at the discretion of the instructor.

**ABSOLUTELY NO LABORATORIES CAN BE "MADE UP."**

***Lab quizzes.*** There will be a 9 point quiz at the beginning of each lab session (except for the first day of class), so do not be late for lab! The quizzes will be based on material from the previous labs (7 pt) and the current lab (2 pt). Quizzes are open notebook, but the lab manual may not be used.

***Lab Assignments.*** Each assignment is worth 50 points. Information for each assignment will be provided in lab.

***Lab Notebook.*** Students are required to keep a lab notebook in a ½" 3-ring binder. The lab notebook will be used during the weekly lab quiz, and will be turned in the last day of lab to be graded. Your notebook grade will be based on completeness, accuracy, and order. More information can be found in the lab manual.

### **Classroom Accommodations**

Students requesting classroom accommodations or modifications due to a documented disability must contact the Access Office for Students with Disabilities located in Farber Hall. The phone numbers are 245-2498 (V/VP) and 219-1348 (TTY). For VSU's Access Office please see <http://www.valdosta.edu/access/facresources.shtml>

### **Behavior in the Classroom**

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. **All electronic devices must be turned off or set to silent mode in the classroom.**

### **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 Laboratory Schedule, BIOL 1107, section O, P, and R FALL 2011

### LABORATORY EXERCISES:

Lab	Day:	Topic:	Due Dates
1	Aug 17-18-19	Laboratory Introduction Ex. 1 Introduction to the Use of the Scientific Method	
2	Aug 24-25-26	Ex. 2 Basics of the Light Microscope.	
3	Aug 31 Jul. 1-2	Ex. 3 Observation of Living Cells with Light Microscopy	
4	Sept 7-8-9	Ex. 4 Independent Group Microscope Project: Proposal	
5	Sept 14-15-16	Ex. 4 Independent Group Microscopy Project: Data collection lab ( <i>Lab assignment 1</i> )	Assignment 1 is due 1 week after this lab by 3:00 pm
6	Sept 21-22-23	Ex. 5 Cellular Water Relations	
7	Sept 28-29-30	Ex. 6 Protein extraction & quantification	
8	Oct 5-6-7	Ex. 7 Enzymology: $\alpha$ -amylase activity	
9	Oct 12-13-14	Ex. 8 Enzymology: Investigation of the effects of temperature on enzyme activity ( <i>Lab assignment 2</i> )	Assignment 2 is due 1 week after this lab by 3:00 pm
10	Oct 19-20-21	Ex. 9 Photosynthesis	
--	Oct 26-27-28	<b>Fall Break – no lab</b>	
11	Nov 2-3-4	Ex. 10 Cell reproduction: Mitosis, Meiosis, & Cytokinesis	
12	Nov 9-10-11	DNA fingerprinting & Ex. 12 PCR-Based VNTR Human DNA Typing	
13	Nov 16-17-18	Ex. 13 Genetically Modified Organisms part 1	
--	Nov 23-24-25	<b>Thanksgiving Holiday</b>	
14	Nov 30-Dec 1-2	Ex. 13 GMO part 2	<i>Notebooks graded in lab</i>