

# Valdosta State University

## BIOL 1107: Principles of Biology D, F (Lab syllabus) Fall 2014

**Laboratory (BC 1085):**    **Section D: Tuesday 2:00-4:50 PM**  
                                         **Section F: Wednesday 2:00-4:50 PM**

Instructor: Dr. Eric W. Chambers  
Office: Bailey Science Center, Room 2214  
Phone: 249-2736  
E-mail: ewchambers@valdosta.edu  
Office hours: Tuesday and Thursday 10:00 -11:00 am or by appointment

### **Text:**

Goddard, R. H. 2010. Methods and Investigations in Basic Biology. 6th edition. Hayden-McNeil Publishing, Plymouth, Michigan.

### **Lab Conduct**

- **Arrive on time!!!** If you are late and the quiz has started, you will be given no additional time to complete it.
- You **MUST** maintain a laboratory notebook with drawings, descriptions, data, etc. of the laboratory exercises. The notebook will help you study for the quizzes.
- **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.
- Students

projects, selected homework assignments, and other assignments as specified by your instructor. **There are NO MAKEUP LABS.**

**Lab Quizzes (120 points):** Quizzes (worth 10 points each) are given weekly during the first 10 to 15-minutes of each laboratory. **DO NOT BE LATE.** You will not be allowed extra time if you are late. If you miss the quiz completely, you will receive a zero for the quiz. Some of the questions will cover the ]|[ &ã~|^• æ å|^•~|ø [~@ ]|^çã~•, ^^\\q ^ç^!&ã^•. Oç@!~^•ç}•, ã| pertain to procedures for the upcoming lab. **You may use your lab notebook for the quizzes. The lowest quiz score will be dropped.**

**Lab Assignments (50 points):** Information for each assignment will be provided in lab.

**A1 Group Microscope Project (25 points):** Each lab group will develop and complete an experiment and write a summary of the group lab results in standard scientific format. Further information will be provided in lab. All students are required to complete this assignment.

**A2 Enzymology report (25 points):** Each student will complete a short report on data collected during Exercise 8 Enzymology: Investigation of the effects of temperature and pH on enzyme activity. This will be a data intensive project where you will create and interpret graphs. Further information will be provided in lab. All students are required to complete this assignment.

**Laboratory Notebook (15 points):** Each member of a lab group should actively participate in the lab work and should keep a well-organized notebook of his or her lab work. Notebooks can be used during the lab quizzes. A complete and accurate lab notebook indicates to your instructor that you were actively participating in lab. This could be to your advantage when grades are submitted at the end of the semester. More information will be provided in lab.

**BIOL 1107 Assessment exercise (15 points)**

**To assess your lab grade divide the total points earned by the total possible points & multiply by 100.**

**Table 2.**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	A1	A2	N1	R1	Total*
10	10	10	10	10	10	10	10	10	10	10	10	10	25	25	15	15	200

**Q=** Laboratory Quiz, **A=** Laboratory Assignment in or outside of class, **N1 =** notebook assignment, **R1 =** lab assessment. Use the empty second row in the table above to keep track of your individual points and lab percentage at any point in the semester.

\*The lowest quiz score is dropped

**Notes on grading:** Students should note that a grade of "A" in this course represents an exemplary command of the material covered. To obtain this

**Tentative Laboratory Schedule, BIOL 1107, Section D, F - FALL 2014**

**LABORATORY EXERCISES**

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<b>Lab</b>	<b>Week of</b>	<b>Topic</b>	<b>Assignment4</b>
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