

**BIOL 1107 Laboratory, Sections E  
Fall Semester 2014**

**Laboratory (BC 1085): Wednesday 9:00 am-11:50 am**

**Instructor:** Dr. Cristina Calestani  
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**Office hours:**

Tue 3:30 pm-5:30 pm

Thu 3:20 pm- 4:00 pm

Or by appointment (please send an email to my valdosta.edu account with “appointment” in the subject line).

**Required Text**

R.H. Goddard. 2013. Methods and Investigations in Basic Biology. Sixth Edition. Hayden-McNeil Publishing, Plymouth, MI.

**ASSESSMENTS**

The quizzes will be based on material from the previous lab and the upcoming lab.

**A new timed quiz will be posted on Blazeview weekly**

A new Quiz will be open at 9 am each Thursday and will be closed at 11:59 pm on the following Tuesday.

The Instructor will communicate to the class any change to the quiz schedule.

You will have 1 attempt. Each quiz will have multiple-choice questions with only one correct answer. The order of the multiple answers will be randomized for each student attempt, meaning that the list of the multiple answers might be in a different order for each student.

. Students are required to keep a lab notebook in a "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.

## GRADES

Quizzes (12): 10 points each (120 points total)  
Lab Assignments (2): 50 points each (100 total)  
Lab Notebook: 50 points

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**Total laboratory points: 270**

*Extra-credits: 10 points max.*

Laboratory grade calculation: (Quizzes+ Assignments + Lab notebook + Extra-Credits)/270

**Attendance Policy: Laboratory attendance is mandatory.** Students who miss three labs, with or without a documented excuse, cannot receive a lab grade above a "D" (60%), and may get a failing grade for the course. Attendance will be recorded at the beginning of each lab (within the first 5 minutes). Students arriving more than 30 minutes late will be considered absent.

**There are no make-ups for the laboratories.**

If you miss a lab you must provide documented evidence (e.g. note from a doctor) that

**Tentative Laboratory Schedule, BIOL 1107, section E Fall 2014**

<b>Date</b>	<b>Topic</b>	<b>Due Dates</b>
Aug 20	Laboratory Introduction Exercise 1: "The Black Box" - Scientific Method	
Aug 27	Exercise 2: Basic Light Microscope Operation and Microscope checkout: Use of the Light Microscope	<b>Quiz 1</b>
Sept 3	<b>Labor Day Week-NO LAB</b>	
Sept 10	Exercise 3: Observation of living cells with Light Microscopy; Basic cellular organization; Independent microscopy lab proposals discussed.	<b>Quiz 2</b>
Sept 17	Exercise 5: Cellular Water Relations	<b>Quiz 3</b>
Sept 24	Exercise 4: Independent Microscopy Projects (Lab Assignment 1)	<b>Quiz 4</b>
Oct 1	Exercise 6: Protein extraction from biological tissues and determination of total protein, Spectrophotometry and Standard Curves	<b>Quiz 5</b>