

BIO 111: Principles of Biology II Lab - Spring 2006

Instructor: Hannah S. Olshan

Office: 103 Bowers

Lab Location: 260 Bowers

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Office Hours: Tues 10:00-12:00 & Thurs 3:15-4:15 or by appointment

Course Description:

- ★ This lab is designed to give you practical experiences conducting biological investigations in order to supplement what is covered during lecture. We will focus on the anatomy & physiology of plants and animals through experiments, dissections, and demonstrations; we will investigate animal behavior by observing ground crickets; and we will take two field trips (to a wastewater treatment plant & Lime Hollow Nature Center) in order to cover major ecological principles.

Materials:

- ☐ Mader, Sylvia. Inquiry into Life Laboratory Manual: Customized for SUNY Cortland, 10th ed.
- ☐ Dissection kits, goggles, and gloves are required. These items are available in the bookstore.

Expectations:

- ✓ **Attend every class.** Attendance at every class is mandatory. Any absence requires a phone call or in-person communication from you in advance and notification from the Assistant Dean or Health Services. No make-up quizzes/practical exams are given for unexcused absences. You are responsible for seeing me about the information you missed.
- ✓ **Arrive on time.** If you are late, no extra time or instruction will be given to you.
- ✓ **Come to class prepared.** Look at the schedule (p.vii-viii) in lab manual to see what materials are required. Read the lab exercise that we will be conducting before coming to class. Reading each lab beforehand will allow you to ask meaningful questions and use your time effectively.
- ✓ **Follow laboratory rules.** Safety rules are on p. ix of your manual. Absolutely no food, beverages, or cell phones are allowed in the lab. You may be asked to leave if you do not comply!
- ✓ **Take responsibility for your learning. Study hard! Ask questions!**
Come for extra help if you need it!

J Grades:

Your lab grade counts towards 1/3 of your total grade for the course. Your lab grade is based on two quizzes (25 points each) and two practical exams (50 points each).

<u>Assessment</u>	<u>Material to Study</u>	<u>Dates</u>	<u># Points</u>	<u>My Points</u>
QUIZ #1	Labs 1-3		25 pts	
PRACTICAL #1	Labs 1-5		50 pts	
QUIZ #2	Labs 7-9		25 pts	
PRACTICAL #2	Labs 7-13		50 pts	
		Total possible points =	150 points	

It is the policy of SUNY Cortland to provide reasonable accommodation for qualified individuals with disabilities in accordance with applicable laws (Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990) If you have a documented disability and need to make special arrangements for completing any of the requirements for this class, please contact Student Disability Services (B-1 Van Hoesen Hall) at 753-2066. All information remains confidential. Requests for accommodations should be made as early as possible.

