

BIO 111: Principles of Biology II Lab

Spring 2007

Instructor: Anna Spaulding

Office: 313 Bowers

Email: spauldinga@cortland.edu

Phone: (607) 753-2911

Office Hours: Thursdays 3:05-5:00 (check Bowers 260) or by appointment

Class Website: <http://web.cortland.edu/biolab/111.html>

Course Description: The goal of this lab is to provide a hands-on approach that will supplement the content material from lecture. During labs, we will be observing live and preserved specimens, as well as performing experiments. We will begin the semester by studying the major systems using fetal pig dissections. Animal behavior and reproduction will follow organ systems. Finally, two field trips will accompany a lab for the ecology section of this course.

Required Materials:

-Lab manual: Mader, Sylvia. Inquiry into Life Laboratory Manual: Customized for SUNY Cortland, 11th ed.

-Gloves, goggles and dissections kits.

Expectations/Lab rules:

-Attend every class: Attendance is mandatory. Excused absences will only be granted for legitimate conflicts that you bring to your instructor's attention before the lab you will miss. Excused absences require documentation (doctor, coach, associate dean).

-Be responsible: When a lab is missed for a legitimate reason, arrange to attend another section (schedules are posted on the door). You are responsible for any missed material, whether you are allowed to make up the lab or not.

-Keep me posted: You are responsible for informing me ahead of time when you will be missing lab.

-Arrive on time: If you are late, no extra time or instruction will be provided.

-Keep all graded material: This will allow you to keep track of your status and will be important if you have any questions about your grade.

-Come prepared: Use the syllabus provided in the lab manual to prepare for the lab.

-Wear proper lab attire: (i.e. no flip-flops on field trips)

-Keep the lab neat: Clean up after yourself. If the lab is left messy, everyone's grade will be impacted.

-NO FOOD OR DRINKS OF ANY KIND DURING LAB

-Take responsibility for your learning.

-Ask questions.

-Come in for extra help if you need it.

Grading: A total of 150 lab points will be available during the semester. Your lab points will be added to your lecture points to calculate your BIO 111 grade. These points will come from:

2 lab quizzes (20 points each)

2 lab practical exams (50 points each)

10 participation points

-**Quizzes** will be given at the beginning of each lab and new material will be introduced afterwards. DO NOT BE LATE.

-**Practical exams** will be given during a set lab period and take approximately 1 hour to complete, after which you may leave. When there is a practical exam, there will be stations set up around the room and you will be given 1.5 minutes at each station to answer the associated question. DO NOT BE LATE. No make-ups will be given for practical exams due to set-up issues.

The test schedule is:

Assessment	Date	Material covered	Points
Quiz 1	February 19-22	Labs 1-3	20
Practical 1	March 5-8	Labs 1-5	50
Quiz 2	April 9-12	Labs 7-9	20
Practical 2	May 7 th and 8 th	Labs 7-13	50
Participation	Ongoing	Labs 1-13	10
		Total	150

Disabilities Statement: 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.