

BIO 111: Principles of Biology II Lab Spring 2008

Instructor: Cathy Catranis

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Office Hours: Mondays and Wednesdays, 2:45 - 4:15 PM

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, during the weeks of 14 April and 28 April, will accompany a lab for the ecology section of this course.

Required Materials:

1. **Lab manual:** Mader, S, T. Damron, and E. Rabitoy. 2008. Laboratory Manual - Inquiry into Life (Custom Version for SUNY Cortland) 12th ed.

2. **Gloves, goggles and dissections kits - Available at the bookstore**

Expectations and Lab rules:

1. **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). 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.

2. **Arrive on time:** If you are late, no extra time or instruction will be provided in class.

3. **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.

4. **Come prepared for every lab class:** *Before class*, use the syllabus provided in the lab manual (page immediately before C1) to prepare for the lab. **Bring your lab manual to every class. Goggles, gloves and a dissection kit are required for the first five labs and lab 8;** you will not be allowed attend lab without bringing your goggles, gloves and dissection kit when required (see syllabus for dates).

5. **Wear proper lab attire** (i.e., no flip-flops on field trips) **and follow lab rules including:**

- 1.) **NO FOOD OR DRINKS OF ANY KIND** allowed in lab
- 2.) **NO CELL PHONES, etc. used during class** (includes no text messaging)
- 3.) **Ask questions and come to office hours for extra help, as needed.**

Grading:

1. 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 TWO lab quizzes (20 points each), TWO lab practical exams (50 points each) and 10 participation points (given throughout the semester).

2. Quizzes will be given at the beginning of each lab; the new material will be introduced by the lecturer after the quiz. **DO NOT BE LATE.**

3. Practical exams will be given during a scheduled lab period (see the syllabus in the lab manual and schedule, below). Practical exams 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.

4. The testing schedule is:

Quiz 1: 18-21 February, covers material from **Labs 1-3** (20 points)

Practical 1: 3-6 March, covers material from **Labs 1-5** (50 points)

Quiz 2: 7-11 April, covers material from **Labs 7-9** (20 points)

Practical 2: 5 May and 6 May, covers material from **Labs 7-13** (50 points)

Participation: Ongoing Labs 1-13 (10 points total per semester)

Maximum total points that you can earn for LAB: 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.