

# Biology 1610 Laboratory Fall 2017 Syllabus

**Instructor:** Dr. Joseph Wilson  
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**Texts:** Various texts presented in class

**Relationship between Lab and Lecture:** Lab and lecture work together to form the integrated course of Biology 1610. Laboratories offer learning opportunities not possible in lecture.

Laboratory Learning Objectives:

- Gain experience in applying the scientific method
- Better understand the experimental approach to biology
- Be introduced to the primary scientific literature
- Improve skills in applying mathematics to biology
- Gain experience working with basic laboratory apparatus and procedures

**Grading:** Your grade in lab will come from:

- Weekly pre-quizzes completed at the opening of each lab
- Weekly lab group assignments completed during lab
- One lab exam

The points for each lab activity are shown in the table on the next page and the lab schedule and reading assignment due dates are given on the last page of this syllabus. **Labs begin the second week of September (September 10th)** (no labs the first two weeks of class). A description of the different point-awarding activities follows.

**Pre-quizzes** will be given at the **beginning** of each lab starting the first week of labs. If you are late to lab, you miss the opportunity for the pre-quiz. These closed-book pre-quizzes are designed to ensure that you are familiar with the lab exercise for that week. These quizzes will be in the form of 4 multiple-choice questions that will be easy to answer if you have read the lab exercise **before** coming to lab.

**Lab group assignments** will ask you to answer questions or perform calculations related to the lab. These must be **submitted before leaving the lab**. Group assignments will be completed by working with your lab group, with one assignment submitted per group and one score issued to everyone in the group. Some, but not all, questions on these assignments will be graded. The graded questions will be evident for each assignment. All questions will need to be completed, because these assignments are designed to help you learn the important concepts of each lab.

The **lab exam** will consist of questions very similar to those on the lab group assignments and will assess your understanding of major concepts of the labs and your ability to perform calculations and interpret charts and graphs that were practiced as part of the assignments.

**Questions about any grades** you receive must be handled promptly. Any disputes about scores need to be made *within one week* of that score being made available to your lab section. After this time the recorded score stands.

**Attendance and Excused Labs:** Attendance in lab is mandatory. If you miss a lab you will not receive points for the pre-quiz or the group assignment.

<b>Point Distribution</b>			
<b>Assessment</b>	<b>Points for Each</b>	<b>Total Lab Points</b>	<b>Total Course Points</b>
Pre-quizzes (11)	5 points	55 points	27.5 points
Lab Group Assignments	10 points	120 points	60 points
Lab Exam	25 points	25points	6.25 points
<b>Grand Total</b>		200 points	12.5 points

ADA Compliance Statement: Students with physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, 797-2444 voice, 797-0740 TTY, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Please note, however, that participation is required in lab for all students.