

Biology 1 Lab

Fall 2008

Lab Sections: #37063 Tu 8:10-11:33 am ST 207 Dr. Monica Gutierrez
#37066 Th 8:10-11:33 am ST 207 Dr. Monica Gutierrez

Lecture: TuTH 12:15-1:47 pm THTR 101 Dr. Barbara Moore

Lab Instructor: Dr. Monica M. Gutierrez ("Dr. G")

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Office: 206B ST

Office phone: 372-7171

Office hours: MW 12-2 pm and TTH 11:30am- 12:30 p.m.

Website: <http://faculty.rcc.edu/gutierrez-monica/> or <http://faculty.rcc.edu/moore/>

Required: Lab Manual for Bio1 either purchased at campus bookstore or downloaded and printed each week from instructor's website and Colored pencils.

Laboratory attendance is mandatory. The Laboratory schedule changes weekly, so it will be impossible to make up a lab in a previous week if an absence occurs. **Two (2) consecutive absences will result in being dropped from the lab course and hence the lecture course. Do not assume that the instructor has dropped you; it is your responsibility to drop the course through the proper administrative routes.**

There are no make up Lab Exams. There are no exceptions! If a student has proper documentation such as death certificate, doctor's note, then the lab exam points missed will not be calculated in the student's final grade. **Lab exams** will cover theory, concepts, data analysis and identification of organisms and structures. **On lab exam dates, the exam will be start promptly at the beginning of the lab.** Because the lab exams will be mostly on screen, a late student will be permitted to start the exam at the place where the other students are, **the instructor will not start the exam over for late students.**

Lab reports/write-ups are due the following week after the lab exercises have been completed. No late reports will be accepted, even if the student is absent the following week unless the student provides proper documentation. **It is the student's responsibility to ensure the instructor receives the report even if they will be absent the following week.**

Please come to lab on time and prepared to start experiments. Students are expected to read the lab exercises prior to coming to lab each week.

You will receive 1 letter grade for the entire course, which will be calculated from both your total lecture points. Total points possible in course: 1010 pts

Total Lab points possible: 410 pts (Lecture pts: 600 pts, 6 exams @ 100 pts each)

Lab Reports/Write-ups: 14 @ 15pts each = 210 pts

Lab Exams: 4 @ 50 pts each = 200 pts

Extra credit oral presentation: 1 @ 10 pts

Extra credit: Current Event Awareness. A 1 page double spaced summary on a current newspaper or magazine article (from June 2008 to present). The student will be expected to address the **biological relevance** of the article and how it relates to this course. Student is expected to do a short oral presentation in class. A copy of the article is required to obtain credit. **(5 pts for summary, 5 pts for presentation).** **Deadline for completion:** December 11, 2008

Biology Lab Schedule

<u>Week</u>	<u>Date</u>	<u>Expt #</u>	<u>Topic</u>
1	9/2, 9/4	1	Scientific Method, Metric Conversions
2	9/9, 9/11	2A, 2B	Microscopy, Biogeography
3	9/16,9/18	3	Ecology Movies
4	9/23, 9/25	4	Lab Exam #1 (Ex. 1, 2A, 2B, 3) Macromolecules
5	9/30, 10/2	5	Cells and Osmosis
6	10/7, 10/9	6	Enzymes
7	10/14, 10/16	7	Lab Exam #2 (Ex. 4, 5, 6) Photosynthesis
8	10/21, 10/23	8A, 8B	Photosynthesis, Metabolism Ws, Cyber Ed
9	10/28, 10/30	9	Mitosis, Meiosis
10	11/4, 11/6	10	Bacteria, Protists, Fungi
11	11/11, 11/13	11	Genetics
12	11/18, 11/20	12	Lab Exam #3, (Ex. 9, 10, 11) RepTech (DNA Technology)
13	11/25, 11/27		NO LABS THIS WEEK! THANKSGIVING HOLIDAY
14	12/2, 12/4	13	Plants
15	12/9, 12/11	14	Animals
16	12/16		Lab Exam #4 (Ex. 13, 14)

Finals week given prior to Lecture exam #6