

Laboratory Assignments and Grading: Students

several lab quizzes, lab assignments, and any homework or writing assignments. The instructor will, in general, assign an overall average grade at this point on the normal scale of A-F viewable on Banner. Students receiving a grade of “D” or lower should therefore carefully evaluate their option of dropping this course by midterm without academic penalty.

Attendance Policy: Attendance in lab is mandatory unless you are sick. Students should be seated at the beginning of class. If you are late, your attendance may not be acknowledged. The student is responsible for all material missed regardless of the reason for absences. **ABSOLUTELY NO LABORATORIES CAN BE "MADE UP.** Laboratories in particular are important not to miss as stated above. In the event that a student will miss a lab, s/he should notify the instructor in writing within 24 hours of the missed lab. It is the instructor’s prerogative to accept the excuse or not. Attendance will be recorded for lab sessions using the lab quiz. Students who miss two labs without an excuse or three labs total cannot receive a grade above a “D” in the lab.

Athletes and other University representative: Please let me know in advance if you will be missing a lab due to an away game or other required event. You will need to make arrangements with me for you to attend an alternative lab section.

Attention!: You must attend the entire lab session. If you leave early or don’t return following a break you will be counted as absent for that lab session

Tentative Laboratory Schedule, BIOL 1107, Section I - FALL 2013

LABORATORY EXERCISES

Lab	Week of	Topic:
1	August 12	Laboratory Introduction – What is Science?
2	August 19	Ex. 1 Introduction to the Use of the Scientific Method
3	August 26	Ex. 2 Basics of the Light Microscope.
--	September 2	Labor Day – No Labs
4	September 9	Ex. 3 Observation of Living Cells with Light Microscopy;
5	September 16	Ex. 5 Cellular Water Relations
6	September 24	Ex. 4 Independent Group Microscopy Project: Group project proposal
7	September 30	Ex. 4 Independent Group Microscopy Project: Data collection lab
8	October 7	Ex. 6 Protein extraction & quantification; lab report 1 due
9	October 14	Ex. 7 Enzymology: -amylase activity
10	October 21	Ex. 8 Enzymology: Investigation of the effects of temperature on enzyme activity
11	October 28	Ex. 10 Cellular reproduction: Mitosis, Meiosis, & Cytokinesis; Enzyme activity lab report due
12	November 4	Mendelian Genetics (handout)
13	November 11	DNA Fingerprinting – Usage of Restriction Enzymes in DNA Fingerprinting Analysis (handout); Set up VNTR and run PCR

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