

BIOL 101: PRINCIPLES OF BIOLOGY
LABORATORY SYLLABUS
Spring 2006

Call # _____

Lecture Instructor/Professor: _____

Laboratory Instructor(s): _____ | _____

WEEK	DATE	TOPIC
1	Mar 29-30	No laboratory—schedule adjustment
2	Apr 5-6	Communicable Diseases and Microorganisms (Lab 1)
3	Apr 12-13	Classification of Biological Organisms (Lab 2)
4	Apr 19-20	Cell Structure of Biological Organisms (Lab 3)
5	Apr 26-27	Membrane Structure and Function (Lab 4)
6	May 3-4	Enzymes (Lab 5)
7	May 10-11	Photosynthesis (Lab 6)
8	May 17-18	Mitosis (Lab 7)
9	May 24-25	Mendelian Genetics and Evolution (Lab 8)
10	May 31 – Jun 1	DNA (Lab 9)

LABORATORY MANUAL: *Biology 101 Laboratory Guide and Workbook, Fourth Edition*, I. K. Smith and Z Rinkes, 2005 Wiley Custom Publishing.

LABORATORY SAFETY: It is extremely important for each student to become familiar with any safety regulations listed in the laboratory manual, and posted on the walls in the laboratory. Some laboratories require the use of caustic chemicals that may destroy clothing, burn your skin, or harm your eyes. Do not take chances! The best safety begins with common sense. When in doubt, ask your laboratory instructor how to handle potentially harmful materials.

LABORATORY ATTENDANCE: No one is permitted to attend a laboratory other than the one for which he or she is registered. Attendance will be taken at each laboratory meeting. To be considered in attendance, a student must be present at the *beginning, during, and the end* of each laboratory meeting.

There are no makeup laboratories. Likewise, there are no makeup quizzes, regardless of the reason the laboratory was missed. *Note that one quiz score will be dropped from the quiz total.*

If three laboratories are missed, even if there are excuses, the total grade for laboratory will be considered as zero (0). Be aware that lecture instructors/professors may have a grading policy that automatically will issue an “F” for the course if the laboratory grade is 0. Check with your lecture instructor/professor for his or her grading policy.

QUIZZES: A 5 question quiz will be given during each laboratory session. Three questions will be about the previous laboratory, and will focus on the results obtained and the answers to the questions in the lab manual. The remaining two questions will be about the current lab; one will be selected from the lab introduction, and one from either the learning objectives or a lab exercise. Each of the 8 quizzes will be worth 10 points. The quiz with the lowest score will be dropped from the point total, meaning that 7 quizzes will be summed during the final laboratory score calculation. There will be a total of 70 points available from the 7 quizzes. Your lab notebook will be graded weekly and up to 30 points can be earned. **Write your name in your lab book so that if you leave it in lab we will know to whom it belongs.**

GRADING: Each lecture instructor/professor has his or her grading policy, which will be included in the lecture syllabus. The final percentage score earned in the lab will be provided by the laboratory teaching instructor to the lecture instructor/professor at the end of the quarter. It is up to the lecture instructor/professor to incorporate the laboratory scores into his or her particular grading system for the course. Be aware that lecture instructors may have a grading policy that automatically will issue an "F" for the course if the laboratory grade is 0.

Please direct questions about BIOL 101 lab to your laboratory instructor. If your problem is not solved or your question not answered by your laboratory instructor, then talk to your lecture instructor/professor. If needed, please contact the lab coordinator, Dr. Christy T. Carter (carterc3@ohio.edu).