

BIOL 1111 General Biology I Laboratory

Instructor: Dr. Andree Elliott, Assistant Professor of Biology
Office: Glaske O145
Office Phone: 903-233-3952
e-mail: AndreeElliott@letu.edu

Office Hours: MWF 9:20 – 10:15, T 10:15-11:00, **OR** by appointment

Lab location: Glaske S101

Lab Text: *Investigating Biology Lab Manual 5th Ed.* by Morgan and Carter, published by Benjamin Cummings
Please also bring your Lecture Text to lab.

Attendance is required. Unexcused lab absences may not be made up. A quiz will be given at the beginning of each lab session. Some verification for health-related and family emergency related absences are required. For all absences including university-related activities with excused absences, all missed work must be made up (including quizzes) by making arrangements with the professor in a timely manner; if not a grade of “0” will be awarded for missing work.

Clothing policy:

Do not wear your best clothes. Do not wear sandals, open-toed shoes, shorts or tops that do not cover your middle (chemicals can burn bare skin). Bring eye protection. **Students incorrectly dressed will be asked to leave the lab to change into the proper attire!**

Grading

A > 90%; B > 80%; C > 70%; D > 60%; F < 61 %
12 Lab Quizzes = (20 points each) = 240 points
Practical Exam #1 = 100 points
Practical Exam #2 = 100 points

Academic Honesty: See the section on academic honesty in the Student Handbook for a clear explanation of academic honesty definition and policies at LeTourneau University. Academic dishonesty of any kind may result in notification of your advisor and the student affairs office and may include penalties up to and including expulsion from the university. I will follow the guidelines indicated in the Student Handbook. Ideas other than those from your own original research which are not clearly and correctly attributed to a source are plagiarized.

Self-Identification: Students enrolled in an institution of higher education are required to self-identify if they would like to request academic support services and/or facility adjustments on the basis of a disability. LeTourneau University encourages a student with a disability to self-identify after admission and to provide required documentation to the Director of Student Success. Students needing facility adjustments must notify the Director of Student Success at 903-233-4460.

Our goal at LeTourneau University is to enable students to progress in: Grounding values, Broadening knowledge, Deepening skills, Collaborating service and Discovering purpose.

Grounding Values: This course will encourage students to consider for themselves what the study of Biology has to tell them about the origin and nature of life itself. The subject matter will be approached from a Christian world view.

Broadening knowledge: BIOL 1111 is data-rich; any student who passes this course will have broadened his/her knowledge of nature.

Deepening skills: The lab is designed to deepen your skills in laboratory techniques, data collecting, interpreting and recording data. Studying successfully will deepen your skills in preparing for rigorous tests necessary for many of the science-related professions.

Collaborating service: The content of this course does not lend itself to public service projects though the collaborative assignments should encourage the skills needed to work with a team, and the course itself is a building block in many public service and environmentally beneficial careers.

Discovering purpose: For those of you considering careers related to biology, zoology or health science, this course should increase your understanding of those disciplines.

BIOL 1111

General Biology Lab Schedule

Fall 2006

(Tuesday / Wednesday Lab Sections)

Week Beginning	Lab Topic	Lab Manual Exercise
4-Sep	Scientific Investigation	1
11-Sep	Life Chemistry	Handout
18-Sep	Microscope and Cells	3
25-Sep	Diffusion and Osmosis	4
2-Oct	Enzymes	2
9-Oct	Cellular Respiration and Fermentation	5
16-Oct	Lab Practical Exam #1	1-5 & Life Chemistry Handout
23-Oct	Mid-Semester Break – No Lab	N/A
30-Oct	Photosynthesis	6
6-Nov	Mitosis and Meiosis	7
13-Nov	Mendelian Genetics: Fast Plants	8
20-Nov	Bacteriology	13
27-Nov	Molecular Biology	10
4-Dec	Lab Practical Exam #2	6-8, 10, & 13
11-Dec	Final Exam Week – No Labs	

***NOTE: Friday, December 1 = Last Day to Drop with a “W”**