

Biology 1111 General Botany Lab (1 credit)
Summer II 2015 Sul Ross State University

Lab Instructor: Robert LeBlanc
Lab Room/Time: WSB 206 MW 3:15-6:15
Office Phone: 837-8715
Office hours:
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Teaching Assistant Office: WSB 214

Lab Manual: *Discover the Chihuahuan Desert: General Botany. A Laboratory Manual for Biology 1401*, 2nd Edition by J. Zech and A. Michael Powell. **(REQUIRED)**

Grading: Your grade contributes 200 points toward your lecture grade. Points in labs are gained through 3 lab practical exams (50 pts each) & 5 quizzes throughout the session (10 pts each - 50 pts total).

Exams/Quizzes: A total of 3 lab practical exams will be administered. The practicals will be a combination of questions from the lab manual and include visual identification. Except for the 3rd practical exam, you must stay after the exams for lab lecture that day. Quizzes will be administered in a random fashion along the same style. If you miss an exam or quiz and have a legitimate excuse, contact me within 24 hours of the test.

Attendance: Any student dropped for excessive absences will receive an F for the course grade. Please notify your instructor BEFORE missing class for authorized activities, death in the family, or illness. Exams missed for any reason must be made up within one week of the originally scheduled date.

Laboratory courtesy: The general rules of classroom etiquette are below.

- 1) Please do not talk to others in class while the instructor is talking. If you have a question, ASK THE INSTRUCTOR!
- 2) No food, drink or tobacco in lab. We will be handling things you might not want to get in your mouth.
- 3) Please turn cell phones and pagers to silent while in class. They are disruptive to the entire class.

Program Learning Outcomes (PLOs):

1. Demonstrate an understanding of evolution.
2. Demonstrate an integration of environmental awareness into everyday modern life.
3. Understand how to incorporate molecular biology into the study of the whole organism.
4. Demonstrate utilization of various field techniques toward addressing scientific questions in the discipline.
5. Conduct basic laboratory experiments utilizing standard observational strategies.

Students with disabilities will be provided reasonable accommodations. If you would like to request such accommodations because of physical, mental, or learning disability, please contact the ADA Coordinator for Program Accessibility at 837-8203, FH 211.

TENTATIVE LAB SCHEDULE

M July 13	Lab 1: Microscope Lab 2: The Cell and Cellular Replication
W July 15	Lab 3: Roots~Primary Growth Lab 4: Stems~Primary/Secondary Growth Quiz #1
M July 20	Lab Exam #1 Lab 5: Leaves
W July 22	Lab 6: Classification Lab 7: Bacteria, Algae, and Fungi Quiz #2
M July 27	Lab 8: Non-Vascular Plants Lab 9: Seedless Vascular Plants Quiz #3
W Jul 29	Lab Exam #2 Lab 10: Vascular Seed Plants---Gymnosperm
M Aug 03	Lab 11: Vascular Seed plants---Angiosperm Lab 12: Seeds and Fruit Quiz #4
W Aug 05	<i>Review for Final/Open Lab; Quiz #5</i>
M Aug 10	Lab Exam #3 (not comprehensive)

Grading:	5 quizzes @ 10 points each	50 pts
	<u>3 Lab Exams @ 50 pts each</u>	<u>150 pts</u>
	Total	200 pts