

**BOT 2410
GENERAL BOTANY**

Lecturer: Dr. Michael L. Moody
Office Hours: By Appointment/Drop In
Office: Biology B306
Phone: 747-5087
email: mlmoody@utep.edu

COURSE MEETING AND LOCATION:

Lecture: M,W 10:30-11:50 (UGLC 346)

Labs: Thur. (Biology 324)

T.A.: Christopher Muñoz (cjmunoz3@miners.utep.edu),

TEXTBOOK (REQUIRED):

- Mauseth, James D. (2017). *Botany: An Introduction to Plant Biology* (6th ed.).
Sudbury, MA: Jones and Bartlett Learning.

COURSE OBJECTIVES:

- recognize the importance and function of plants for society and the environment
- understand the evolution and diversification of plants
- understand how plants function from subcellular to whole plant level
- recognize the complex interactions among plants at a community and global level
- be justifiably amazed by plants in general

GRADING:

Lab assignments	20%	Drop one
Quizzes	10%	Drop two
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Group Presentation	15%	Will be described after 1st exam
Exam 1	15%	Sep. 27
Exam 2	15%	Oct. 30
Exam 3	15%	Dec. 6

Dropped scores are designed to cover any absences related to Covid, other illness or emergencies. There will not be additional accommodations made regarding grades.

Download Respondus: <https://vimeo.com/456232383>

<https://download.respondus.com/lockdown/download.php?id=586140509>

POLICY ON COVID:

- UTEP is now treating COVID the same as other infectious diseases. Testing and reporting to EH&S is no longer required by the university.
- **GET VACCINATED is highly encouraged.** If you still need the vaccine, it is widely available in the El Paso area. A new booster should be available sometime in Fall 2023.

POLICY ON MAKE-UP EXAMINATIONS: No make-up exams will be given for reasons other than extreme illness (**doctor's note required**), absence with the instructor's prior approval, or when a student is on official University business (**documentation required**). Make-up exams will be scheduled at the Instructor's convenience.

POLICY ON ACADEMIC HONESTY: Academic Dishonesty will not be tolerated. It includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. **This includes the use of ChatGPT or other AI programs** to complete your assignments, written work, presentations, etc. If you have any questions regarding the university policy on scholastic dishonesty please contact the Dean of Students.

POLICY ON ELECTRONIC DEVICES: Be courteous to your fellow students and lecturer. Turn off any cell phones, smart phones, Blackberries, etc. during lecture. You cannot text, surf the internet, watch movies, listen to music, etc. in my class. ***You will be asked to leave if this happens.**

ATTENDANCE POLICY: Regular attendance will be necessary for success in this class.

POLICY ON DISRUPTIVE BEHAVIOR: Any student who disrupts the class will be asked to leave and will be referred to the Dean of Students.

DISABILITY STATEMENT: If you have a disability and need classroom accommodations, please contact: The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

MILITARY STATEMENT: If you are a military student with the potential of being called to military service and /or training during the course of the semester, you are encouraged to contact me at the beginning of the semester.

Schedule for General Botany (BOT 2410)
(Subject to modification)

Wk 1: Aug 28-30	M: Intro to Botany; What Is a Plant and Why Do We Care? W: Plants, People, Environment	Ch. 1 & 24 No Lab
Wk 2: Sep 4-6	M: Labor Day – No Class W: Plant Diversity Overview, Plant Cell, Life Cycles	Ch. 2,3 L1: Intro, Bot Garden
Wk 3: Sept 11-13	M: Algae W: Plant Diversity – How We Measure Diversity	Ch. 18,19 20 L2: Algae
Wk 4: Sept 18-20	M: Early Land Plants - Bryophytes W: Tissue Systems; Vasculature	Ch. 5, 20 L3: Bryophytes
Wk 5: Sept 25-27	M: Intro. Vascular Plants – Ferns, etc. W: EXAM 1	Ch. 21 L4: Ferns
Wk 6: Oct. 2-4	M: Organ Systems: Roots, Stems W: Organ Systems: Leaves; Intro to Seeds	Ch. 6,7,8 L5: Roots & stems
Wk 7: Oct 9-11	M: Tracheophytes – The Gymnosperms W: Intro to Flowers	Ch. 9,22 L6: Leaves &Gymnos
Wk 8: Oct 16-18	M: Flowers, Double Fertilization, Fruits W: Systematics, Flowering Plant Diversity	Ch. 9, 18,23 L7: Flowers
Wk 9: Oct 23-25	M: Pollination and Dispersal W: Pollination and Dispersal	L8: Pollination, Fruit, Seeds
Wk 10: Oct 30-Nov 1	M: EXAM 2 W: Photosynthesis, and Carbon Fixation	Ch. 10,12 L9: Phenology
Wk 11: Nov 6-8	M: Plant Physiology W: Nutrients and Hormones	Ch. 12,13 L10: Ecology I
Wk 12: Nov 13-15	M: Behavior and Defense W: Mutualisms, Parasitisms, Co-evolution	Suppl. L11: Ecology II
Wk 13: Nov 20-22	M: Fungi W: No Class - Thanksgiving	No Lab (Turkey)
Wk 14: Nov 27-29	M: Ecology & Ecosystems, Biomes W: Presentation Prep	Ch. 25-27 Plant in the News Presentations
Wk 15: Dec 4-6	M: Ecology & Ecosystems, Biomes W: Exam 3	Ch. 25-27 No Lab