

**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:** T,TH 10:30-11:50 (EDUC 112)

**Labs:** Wed., Thur. (Biology 324)

**T.A.:** Christopher Muñoz ([cjmunoz@miners.utep.edu](mailto:cjmunoz@miners.utep.edu)),

Cat Cort ([cecort@miners.utep.edu](mailto:cecort@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%	<b>Drop one</b>
Quizzes	10%	<b>Drop two</b>
iclicker	10%	<b>Drop four</b>
Group Presentation	15%	<b>Will be described after 1<sup>st</sup> exam</b>
Exam 1	15%	
Exam 2	15%	
Final exam	15%	<b>Thurs. 8, Dec. 10 am – 12 noon</b>

**Dropped scores** are designed to cover any absences related to Covid or 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 SAFETY:**

- **Please stay home if** not feeling well and/or you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. **If you have tested positive for COVID-19 DON'T COME TO CAMPUS**, you are encouraged to report your results to [covidaction@utep.edu](mailto:covidaction@utep.edu), so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.
  - **CDC guidelines** <https://www.cdc.gov/media/releases/2022/p0811-covid-guidance.html>
  - **GET VACCINATED is highly encouraged.** If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit [www.epstrong.org](http://www.epstrong.org).

**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. 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](mailto: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](http://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.

**IMPORTANT DATES:**

Classes start: Mon. 22 Aug.

**1<sup>st</sup> Exam:** Tue. 20 Sept.

**2<sup>nd</sup> Exam:** Thurs. 20 Oct.

**DROP DEADLINE:** Fri. 28 Oct.

Thanksgiving Break 25-26 Nov.

**Presentations:** Nov. 17 & 18

Dead Day: Fri. 2 Dec.

Finals week: 5-9 Dec.

**FINAL EXAM:** Thurs. 8 Dec. 10:00 am – 12:00 pm

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

<b>Week 1: Aug 23-25</b>	<b>T:</b> Intro To Botany; What Is A Plant And Why Do We Care? <b>TH:</b> Plants, People, Environment	Ch. 1 & 24 <b>No Lab</b>
<b>Week 2: Aug 30-Sept 1</b>	<b>T:</b> Plant Diversity Overview, Plant Cell, Life Cycles <b>TH:</b> Algae	Ch. 2,3, 19 L1: Intro, Bot Garden
<b>Week 3: Sept 6-8</b>	<b>T:</b> Plant Diversity – How We Measure Diversity <b>TH:</b> Early Land Plants - Bryophytes	Ch. 18, 20 L2: Algae
<b>Week 4: Sept 13-15</b>	<b>T:</b> Tissue Systems; Vasculature (online) <b>TH:</b> Intro. Vascular Plants – Ferns, Etc. (online)	Ch. 5, 21 L3: Bryophytes
<b>Week 5: Sept 20-22</b>	<b>T: Exam 1</b> <b>TH:</b> Organ Systems: Roots, Stems	Ch. 7-8 L4: Ferns
<b>Week 6: Sept. 27- 29</b>	<b>T:</b> Organ Systems: Leaves; Intro To Seeds <b>TH:</b> Tracheophytes – The Gymnosperms	Ch. 6, 8, 22 L5: Roots & stems
<b>Week 7: Oct 4-6</b>	<b>T:</b> Intro To Flowers <b>TH:</b> Flowers, Double Fertilization, Fruits	Ch. 9 L6: Leaves & Gymnosperms
<b>Week 8: Oct 11-13</b>	<b>T:</b> Systematics, Flowering Plant Diversity <b>TH:</b> Pollination And Dispersal	Ch. 9, 18, 23 L7: Flowers
<b>Week 9: Oct 18-20</b>	<b>T:</b> Pollination And Dispersal <b>TH: Exam 2</b>	L8: Pollination, Fruit, Seeds
<b>Week 10: Oct 25-27</b>	<b>T:</b> Photosynthesis, And Carbon Fixation <b>TH:</b> Plant Physiology	Ch. 10, 12 L9: Phenology
<b>Week 11: Nov 1-3</b>	<b>T:</b> Nutrients and Hormones <b>TH:</b> Behavior and Defense	Ch. 13 L10: Ecology I
<b>Week 12: Nov 8-10</b>	<b>T:</b> Mutualisms, Parasitisms, Co-evolution <b>TH:</b> Fungi	Suppl. L11: Ecology II
<b>Week 13: Nov 15-17</b>	<b>T: Presentation Prep</b> <b>TH: Presentation Prep</b>	<b>Plant in the News Presentations</b>
<b>Week 14: Nov 22-24</b>	<b>T:</b> Ecology & Ecosystems, Biomes <b>TH:</b> No Class	Ch. 25-27 <b>No Lab (Turkey)</b>
<b>Week 15: Nov 29-Dec 1</b>	<b>T:</b> Desert Plant Ecology	<b>No Lab</b>