

**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: MW** 10:30-11:50 (EDUC 311)

**Lab: Tues** 12:00-1:50 and 3:00-4:50 (Biology 324)

**T.A.:** Liz Stunz (estunz@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 (Lab report 25% of lab grade)</b> |
| Quizzes            | 10% | <b>Drop one</b>                               |
| iclicker           | 10% | <b>Drop three</b>                             |
| Exam 1             | 15% |   |
| Exam 2             | 15% |   |
| Group Presentation | 15% |   |
| Final exam         | 15% |   |

**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. 27 Aug.

Labor Day (no class): Mon., 3 Sept.

**1<sup>st</sup> Exam:** Mon. 1 Oct.

**2<sup>nd</sup> Exam:** Wed. 31 Oct.

Thanksgiving Break 22-23 Nov.

**Presentations:** Nov. 26 & 28

Dead Day: Fri. 7 Dec.

Finals week: 10-14 Dec.

**DROP DEADLINE:** Fri., 2 Nov.

**FINAL EXAM:** Fri., 14 Dec. 10-1

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

|                           |  |  |
|---------------------------|--|--|
| <b>Week 1: Aug 27-29</b>  | Intro To Botany; What Is A Plant And Why Do We Care?; Plants, People, Environment            | Ch. 1 & 24<br><b>No Lab</b>                      |
| <b>Week 2: Sept 4-5</b>   | <b>Labor Day (Monday – No Classes)</b><br>Plant Diversity Overview, Plant Cell – Life Cycles | Ch. 2 & 3<br>L1: Intro, GH                       |
| <b>Week 3: Sept 10-12</b> | Algae<br>Plant Diversity – How We Measure Diversity  | Ch. 19, 18<br>L2: Algae                          |
| <b>Week 4: Sept 17-19</b> | Early Land Plants Bryophytes<br>Tissue Systems; Vasculature                                  | Ch. 20, 5<br>L3: Bryophytes                      |
| <b>Week 5: Sept 24-26</b> | Intro. Vascular Plants – Ferns, Etc.<br>Organ Systems: Roots, Stems                          | Ch. 21, 7-8<br>L4: Ferns                         |
| <b>Week 6: Oct 1-3</b>    | <b>Exam 1 (Mon.)</b><br>Organ Systems: Leaves; Intro To Seeds                                | Ch. 6, 22<br>L5: Roots & stems                   |
| <b>Week 7: Oct 8-10</b>   | Tracheophytes – The Gymnosperms<br>Photosynthesis, And Carbon Fixation                       | Ch. 22, 10<br>L6: Leaves & Gymnosperms           |
| <b>Week 8: Oct 15-17</b>  | Plant Physiology<br>Nutrients And Hormones   | Ch. 10-13<br>L7: Ecology I                       |
| <b>Week 9: Oct 22-24</b>  | Behaviour And Defense<br>Systematics (Taxonomy), Flowering Plant Diversity                   | Ch. 14, 18, 23<br>L8: Ecology I                  |
| <b>Week 10: Oct 29-31</b> | Intro To Flowers<br><b>Exam 2 (Wed.)</b>   | Ch. 9<br>L10: Flowers                            |
| <b>Week 11: Nov 5-7</b>   | Flowers, Double Fertilization, Fruits<br>Pollination And Dispersal                           | Ch. 9<br>L10: Fruit & Seeds                      |
| <b>Week 12: Nov 12-14</b> | Pollination And Dispersal<br>Symbioses, Co-Evolution   | Ch. 9, 26<br>L11: Pollination & floral diversity |
| <b>Week 13: Nov 19-21</b> | Fungi<br>Ecology & Ecosystems, Biomes  | Ch. 25-27<br>L12: Ecology II                     |
| <b>Week 14: Nov 26-28</b> | <b>Presentations</b>   | <b>No Lab</b>                                    |
| <b>Week 15: Dec 3-5</b>   | Desert Plant Ecology<br>Molecular Ecology, Plant Genetics                                    | Ch. 25, 17<br><b>No Lab</b>                      |