

CASPER COLLEGE COURSE SYLLABUS
BIOL2023 Plant and Fungal Biology

Semester/Year: Fall 2018

Lecture Hours: 3

Lab Hours: 3

Credit Hours: 4

Lecture Class Time: 10:00am-11:30pm

Days: TU, TH

Room: LS209

Lab Class Time:

Lab A: Tuesday 12:00-2:40pm

Room: LS 204

Lab B: Tuesday 3:00-5:40pm

Room: LS 204

Instructor's Name: Dr. Jim Milek

Instructor's Contact Information: Home Phone: 234-5786, please leave a message

Office Hours: by appointment

Course Description: An introduction to the principles of botany and mycology. Topics discussed include cell structure, anatomy, diversity, taxonomy, physiology, reproduction, genetics, evolution and ecology of plants and fungi.

State of Prerequisites: BIOL1010 or BIOL1000 or equivalent.

Goal: After completing BIOL2023, a student should have a general understanding of the significance of plant and fungal structure, function, evolution and ecology.

Outcomes: A student should demonstrate an understanding of: plant cell structure and function. Be able to relate this knowledge to plant form, function, evolution and diversity. The student should also understand the basic biology of fungi and the significance of fungi in the ecosystem.

The degree to which the student achieves these outcomes is dependent upon the student's effort. Grade earned in the class reflects the achievement level.

Methodology: Traditional lecture format supplemented with audio and visual aids as needed to clarify lecture topics specimens, microscope slides, demonstrations will also be used in the lab.

Evaluation Criteria: Course grade will be based on lab exercises, lab and lecture exams. The exam dates will be announced in advance of the exam date. All exams are mandatory. The course grade will be based on a percentage of the total points. Grades are assigned on a percentage basis:

- A 90-100%
- B 80-89%
- C 65-79%
- D 55-64%

Required text: Sterns Introductory Plant Biology Laboratory Manual, 14th Edition
Author: James E. Bidlack et al.; ISBN: 9781260030143

Required: Stern's Introductory Plant Biology Text, 14th Edition
Authors: James E. Bidlack, Shelley H. Jansky, et al.; ISBN: 9781259682742

Class Policies: Last date to change to Audit Status or to Withdraw with a W Grade: April 12, 2018

Students will not be directly penalized for missed classes. However, it is the responsibility of the student to:

1. Obtain missed lecture notes from another student my notes are not available.
2. Find out about assigned material.
3. Makeup missed labs.
4. Arrange for missed exams to be taken. Lecture makeups are usually in essay and objective format.
5. **NO makeups are given for missed lab practical exams** (barring exceptional circumstances).

Student Right and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director (Scott Johnson), the Dean (Paul Marquard), and lastly the Vice President of Academic Affairs (Shawn Powell).

Academic Dishonesty: Cheating and Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonestly associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct. No cell phones will be allowed during lecture or labs.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during office hours. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.