



INSTRUCTOR INFORMATION

Dr. Leslie Seiger (she/her) – my name is pronounced “see-gur” (we spell it wrong!)

I prefer to be addressed as Dr. Seiger, Professor Seiger, or Professor

It is best to e-mail me through Canvas e-mail because it helps me not lose your e-mail (I get a lot), but you can reach me at lseiger@sdccd.edu

I am available outside of class for tutoring and other support on Zoom; please schedule by Canvas e-mail

- Evenings and weekend meeting times can be arranged.
- If you want to meet in a private zoom room where nobody else can drop in, let me know.

MEETING YOUR NEEDS



I am here to assist you with your learning. If you could do it all yourself, there would be no need for professors.

You are an individual with individual strengths, challenges, and working style. While I try to structure the course to suit most students, there may be times when it works better if we chat one-on-one.

Let's work together to make this course a successful experience, whether you are a science whiz or everything about this is new to you. I am pretty friendly and adaptable and I love helping students

discover something – whether it be neat plant facts, or how to be successful in a college learning environment.

You and I will be working hard this semester, but let's have some fun with plants!



COURSE INFORMATION – What is a “partially online” class and how does it work?

This course is being taught as a “partially online” class.

- We will meet at scheduled times on Zoom for live lectures and some other live activities.
- Additional activities will be assigned to do on your own because it’s hard being on Zoom for 4 hours!
- We also will have several in-person outdoors field trips, during scheduled class time.

Don’t schedule other activities during class time. I can’t believe I have to say this.



The class is conducted through **Canvas**, an online learning platform. You will be automatically enrolled.



Mac users: Canvas works better on Google Chrome than on Safari.

You also will need to be able to log on **Zoom**. You can download the app to your computer and phone for free,

<https://zoom.us>

COURSE INFORMATION – When and where and how do we meet?

Monday & Wednesday

8:30am - 12:35pm (with breaks)

We begin on **Zoom** promptly at 8:30 am.

You will also need to be able to do activities in **Canvas** during class time. We will move back and forth.

I will be in my zoom room a few minutes early if you care to drop by and chat.

My virtual room is: 483 088 7957.

DIRECT LINK

<https://cccconfer.zoom.us/j/4830887957>

Zoom Password: At this time, I am not requiring a password, but that may change and you will be notified.

Zoom Etiquette

- **Video** on when interacting with others
- **Mute** your audio when not speaking
- Minimize distractions to yourself and others, but if your people or pets show up, we’re cool with that.
- Use the “**Chat**” to ask questions and to “raise your hand” during lecture.
- During interactive work, **unmute** yourself and participate.



WHAT IF I MISS CLASS?

Regular Class

If you are ill or have some other extenuating circumstances that prevent you from participating in class, please contact me quickly by e-mail or by scheduling a brief Zoom meeting. I will provide a link to the recorded lecture. If you miss a lab, I will provide what you need to make it up on your own, but there may be some items you will be unable to complete on your own. **A student will be dropped from the course after missing three (3) labs.**

Exams

If you miss an exam due to an emergency, contact me **within 12 hours of the start time of the missed exam.** In the meantime, I will enter a grade of 0 (zero). If you have a valid excuse, I will allow a make-up, it may be an essay/short answer exam. If I do not hear from you within 12 hours, the grade will remain a 0 (zero). No exam grades will be dropped.

COURSE INFORMATION – About this course

Catalog Course Description: This course is an introduction to the fundamental principles of the anatomy, development, physiology, reproductive biology, ecology and evolution of the major plant groups, with emphasis on the flowering plants. The course is targeted towards students with no previous college level biology, but is also appropriate as a lower division course for biology majors. Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List. Limitation: Credit will only be granted for either 180 or 215 and 250 combined. No credit for 180, 215 or 250 if taken after 210A or 210B.

2.00 Lecture Hours, 6.00 Lab Hours, 4.00 Units

Letter Grade or Pass/No Pass Option

Course Advisory: ENGL 049 and ENGL 048, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5/R5.

Student Learning Outcomes:

1. Plant Functional Morphology and Anatomy: Identify and describe or diagram plant cells, tissues and organs and explain their functional and adaptive significance.
2. Plant Metabolism and Physiology: Explain how substances move into and out of cells and throughout the plant body and basic physiological processes including photosynthesis, respiration, transpiration, growth, development, tropisms and the effects of hormones.
3. Plant Reproduction, Genetics, Breeding and Biotechnology: Demonstrate knowledge of plant reproductive biology including Mendelian genetics, molecular genetics, reproductive structures, pollination, dispersal, traditional breeding and biotechnology.
4. Evolution and Biodiversity: Relate evolution and the diversity of plant life to the modern evolutionary synthesis and classify major plant groups with respect to their phylogenetic relationships.
5. Human Impacts Affecting Biological Systems: Think critically about human impacts affecting biological systems.

Required Textbooks & Supplies:

1. The textbook is available online as a pdf file that you can download from Canvas. You can also buy a used hard copy online if you prefer that. It is a great book, but out of print, so can't be purchased new. The link is on the Canvas home page.
2. As part of this course you will be receiving supplies and/or equipment ("kits") for use during the semester. These items are on loan to you and must be returned upon completion, drop or withdraw from the course. You have been contacted by e-mail with instructions on how to pick up your kit.

Recommended:

Botany for Gardeners / Capon, any edition, is a great little paperback available new or used online.

Tech requirements:

You will need

- a computer
 - internet connectivity in real time
 - you can use your phone as a video camera and there are free apps for this
- Mesa has some equipment for loan also.
→ Contact me if I can help connect you with apps or equipment.

Field Trips:

There are several required field trips. They will be in person and outdoors, in small groups (8-12 people). **Facial coverings are required to be worn over nose and mouth at all times per District policy.** You will be responsible for your own transportation. Please communicate with me right away if you foresee any problem related to field trip participation. The instructor may suspend field trips if public health conditions warrant.

ACCOMMODATION OF DISABILITY

Please advise me if you are a DSPS student or need other accommodations for test taking. All information will be kept confidential. If you encounter a problem accessing anything in this course, please contact me as soon as possible.

IMPORTANT DATES

Sep 03	Last day to process and pay for an add code Last day to drop and get a refund Last day to drop with no "W" recorded
Oct 29	Withdrawal deadline – no drops accepted after this date and grades must be assigned for course
Nov 30	Last day to file a petition for Pass/No Pass grade option
Dec 17	Final exam NO EARLY FINALS WILL BE GIVEN

HOLIDAYS ARE LISTED ON THE CLASS SCHEDULE

STUDENT RIGHTS & RESPONSIBILITIES

Please see Policy 3100:

<http://www.sdmesa.edu/student-services/student-affairs/policies.shtml>

Student Code Of Conduct

1. It is expected that students will conduct themselves within the standards outlined in the student code of conduct, disciplinary procedure and student due process. Disciplinary action will be taken by the instructor as necessary.
2. Attendance for the entire class period in activities, class exercises and discussions is expected and will influence your grade.
3. Students will be dropped from the class for missing more than three (3) labs, even if they are excused.
4. It is the student's responsibility to make up missed material. See "What if I miss a class?"
5. Tardiness and early departure are disruptive to the class and your learning experience. Once you arrive, please remain until the class is dismissed. The instructor will take steps to discourage tardiness or early departure as necessary.
6. The instructor is not required to accommodate students arriving late.
7. It is your responsibility to officially drop the class if you stop attending. Not doing so will result in a grade of "F." Please discuss your plans to withdraw from class with me as I may be able to provide options that would allow you to continue the class.
8. Academic dishonesty will result in a grade of zero for the assignment and will be reported to the School Dean and the Disciplinary Officer, and may result in further disciplinary action.

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GRADING

<u>Grading Policy</u>		<u>Assessments</u>				
A	90%	Number	Point Value	Total Points	%	
B	80%	Exams	8	75	600	59%
C	70%	Lab Assignments	30	2	60	6%
D	60%	Lab Quizzes	26	12	312	30%
Individual extra credit is not available.		Independent Activities	13	2	26	3%
		Study Guide Questions	13	2	26	3%
		TOTAL			1024	100%

Lecture exams

- may include multiple choice, true/false, fill-in-the-blank and short answer
- will cover independent activity assignments as well as lecture
- please note the start and end times
- missed exams will receive a grade of zero (see below)
- no lecture exam grades are dropped

Lab quizzes

- will be taken as a graded quiz after submitting the lab assignment
- measure how well you understood the lab material and you may use your lab notes when you take the lab quiz
- may include identification, matching, multiple choice, true/false, fill-in-the-blank and short answer
- missed quizzes will receive a grade of zero (see below)
- no lab quiz grades are dropped

Other assignments

- **Lab assignments** will be completed and submitted for each lab. Two (2) will be dropped.
- **Independent Activities** are due weekly most weeks and usually will involve reading an article and responding to questions about the article (2 points each). You will have exam questions on these. One (1) will be dropped.
- **Study Guide Questions** will be submitted weekly (2 points each). Two (2) will be dropped.

WHAT IF I MISS AN EXAM?

Because legitimate emergencies sometimes arise, there are a very few circumstances in which a lecture exam may be made up. For that to occur, the student must contact me **within 12 hours of the start time of the missed exam**. In the meantime, I will enter a grade of 0 (zero).

If you have a valid excuse, I will allow a make-up, most likely it will be **all essay/short answer**. If I do not hear from you within 12 hours, the grade will remain a 0 (zero). No exam grades will be dropped.