

Month	Week of:	Exercise No.	Topic
Aug.	20	1	Investigative Procedures
	27	2	Energy and Homeostasis in Plants/Osmosis
Sept.	3	<b>NO LAB MTG.</b>	<b>No Assignment: (Compensation for Aquarium)<sup>B</sup></b>
	10	10	Pond ecosystem
	17	<b>NO LAB MTG.</b>	<b>No Assignment: (Compensation for Laguna Mountains)<sup>Ai</sup></b>
	24	7	Montane Ecosystem
<b>Laguna Mountain Field Trip: Date and Time: _____ (Sign-up for time in lab).</b>			
Oct.	1	4	Coastal Sage Scrub
	8	5	Environmental Factors: No. vs. So. facing slopes (Aquarium assign. due)
	15	<b>NO LAB MTG.</b>	<b>No Assignment: (Compensation for Natural History Museum)<sup>B</sup></b>
	22	<b>NO LAB MTG.</b>	<b>No Assignment: (Compensation for Mission Trails Assignment)<sup>C</sup></b>
	29	3	Energy & Homeostasis in Animals/SA:Vol/ Metabolic rate
Nov.	5	Online purchase	Darwinian Snail Natural Selection-Computer Lab simulation: <b>You will need to purchase access to the software program (\$6.00) and also, download the workbook: : <a href="https://www.simutext.com/student/register.html#/key/UD5b-8yAG-NyJQ-uTL8-cmZE">https://www.simutext.com/student/register.html#/key/UD5b-8yAG-NyJQ-uTL8-cmZE</a></b>
Vets day	12	<b>NO LAB MTG.</b>	<b>No Assignment: (compensation for intertidal FT)<sup>Aii</sup></b>
	19	<b>NO LAB MTG.</b>	<b>No Assignment: Thanksgiving Holiday</b>
	26	6	Microbial Ecosystem (Nat. Hist. Museum assignment due)
Dec.	3	14	Symbiotic Relationships (Mission Trails assignment due)
<b>Marine Intertidal Field Trip: Date and time: _____ (Sign-up for time in lab).</b>			

**A** THERE ARE **TWO MANDATORY HALF-DAY WEEKEND FIELD TRIPS (you must sign-up in lab for your time):**

- i) Laguna Mountain Field Trip: Sign-up in lab: Either Friday, September 28<sup>th</sup> or Saturday, September 29<sup>th</sup>.
- ii) Marine Intertidal Field Trip: Sign-up on lab: Either Friday, December 7<sup>th</sup> at 3:00 pm or Saturday, December 8<sup>th</sup> at 3:30pm

**B** There will be admission charges of \$12.00 (The SD Co. Natural History Museum) and \$12.00 (The Aquarium) for the two museum trips. **You may elect to do an optional assignment in lieu of attending a fee-based field trip, but you must notify your Instructor within the first two weeks of the semester. Be sure to use your student ID for a discount.**

**C** You will also go to Mission Trails Regional Park (MTRP) on your own time. There is no entrance fee. See course web page for the assignment. The assignment due date is listed above.

**Students with disabilities who may need accommodations in this class are encouraged to notify the instructor and contact the Accessibility Resource Center (ARC) early in the semester so that reasonable accommodations may be implemented as soon as possible. Students may contact ARC at (619) 644-7112 (voice) or (619) 644-7119 (TTY for deaf). You must be physically able to hike in order to attend the field trips, which will include walking on uneven surfaces and hills at an average pace. You will also need transportation. I encourage you to carpool.**

**Total cost for lab (materials and entrance fees) is less than \$40 for the semester.**

**Online info about this lab: <http://www.grossmont.edu/people/michael-golden/default.aspx>**

Summary: An essential component of learning Environmental Biology is going out into the field to see first-hand many of the physical processes and habitats we discuss in class. As such, we will take several field trips to different habitats in San Diego County. **You are required to attend all field trips.**

If you are unable to go on the weekend field trips, you will not be able to complete the assignments necessary to successfully pass this course. **The following off-campus assignments are required:**

**\*TWO (2), three-hour Friday OR Saturday field trips with the class off campus: (Mountains / Tidepools)**

**\*THREE (3) other museum trips on your own time (Self-Guided):**

Assignment Name	Web page	Where to find assignment	Due Date
Aquarium (SBA)	<a href="http://www.aquarium.ucsd.edu/">http://www.aquarium.ucsd.edu/</a>	Lab Book	October 8th
Natural History Museum	<a href="http://www.sdnhm.org/">http://www.sdnhm.org/</a>	Handout/ webpage	November 26th
Mission Trails Park	<a href="http://www.mtrp.org/">http://www.mtrp.org/</a>	Handout/ webpage	December 3rd

**Show your student ID for admission discount.**

**GRADING:**

You are expected to attend all labs and fieldtrips. In addition, you are expected to turn in all assignments on time. Missing any combination of **THREE (3)** will result in a grade of F for the lab...and thus, failure of the course.

**POINTS:**

9-Lab quizzes or assignments (Drop the lowest score)	75%
3-Off campus self-guided museum	15%
2-Off campus three-hour Class Field trips	10%
TOTAL	100%

**YOU MUST PASS THE LAB (70% or higher) IN ORDER TO PASS THIS 4 UNIT COURSE**

**QUIZES:**

\*You will have a lab quiz at the beginning of each lab. If you come late, you will not be allowed to take the quiz. I will drop the lowest quiz score. \*Quizzes require **DATA LINK Form 28190** (you need 9).

**MAKE-UPS: THERE ARE NO MAKE-UPS!**

\*There are absolutely no make-ups of lab assignments, quizzes, or fieldtrips **AFTER THE FACT.** Missing any combination of three will result in a failing grade for the lab. If you know **PRIOR** to an assignment that you will have to miss it, arrangements may be made to allow you to complete the assignment at another time. No Guarantees, but I will do my best to accommodate you if I can.

**\* You MUT have your lab book each week in order to be successful.** You will be working in groups and you need to be able to participate and do your part. If you are having problems accessing a lab book, please let me know ASAP.

\*All assignments must have your name, section number and assignment name on it. All assignments must be handwritten. Failure to follow directions will result in a grade of zero. All work must be **YOUR OWN** work. Please read the section on academic integrity in the college catalogue. If you are caught cheating, you will be given an F for the assignment and very possibly an F for the course. The Aquarium and Natural History museum assignments must be accompanied with a receipt. **NO RECEIPT, NO CREDIT. NO LATE ASSIGNMENTS ACCEPTED PLEASE!**

**\*Also, some questions from the labs will be on the Midterm and the Final examinations in the lecture portion of the course. This is actually a very fun class. Enjoy it and let me know if you need help!**

**Remember: Missing three or more lab assignments will result in Failing the class.**