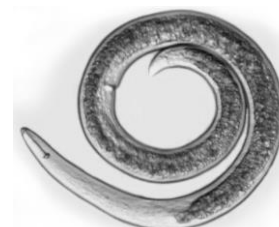


BIOL 1050 LAB-FALL 2015



Instructor: Sally Channing-Santiago

Office Hours: Tues 12-1 pm, Wed. before lab – contact me, email me for other

Contact Information: schanningsantiago@ucdavis.edu (best) or (209) 634-5837 (wrk#), 8am-5pm (worst)

About the instructor: B.A. in Biology – Willamette Univ., M.S. in Biology with emphasis/thesis in Microbiology – U.O.P., California CLS license, worked in hospitals in Salinas and Modesto. Have worked for U.C. Davis Animal Health and Food Safety Labs, in Turlock for 23 years – head of Bacteriology Dept. I am at work from 8-5.

Required Materials: ‘Symbiosis’ Lab Manual (only available in the Bookstore)
Notepaper, Calculator (You cannot use your Phone!)

Blackboard site: I will post lab information for my section on the Blackboard site. Check it weekly!

Lab Schedule

Date	Topic
Aug 25,26	Meet for attendance! Be sure to come if you want to keep your seat!
Sep 1,2	Lab 1 Scientific Investigation
Sep 8,9	Lab 2 Microscopes and Cells Quiz 1
Sep 15,16	Lab 3 Osmosis Exercise Write up due next week <i>Set up seed germination lab</i> Quiz 2
Sep 22,23	Lab 4 Enzymes Write up due next week Collect and analyze data from seed germination Quiz 3
Sep 29,30	Lab 5 Respiration/Fermentation Write up due next week Quiz 4
Oct 6,7	Lab 6 Photosynthesis Write up due next week Quiz 5
Oct 13,14	Lab 7 Mitosis, Meiosis Quiz 6 *When will Oct. 13 lab make this up? (or will they just do it 13 th ?)
Oct 20,21	Lab 8 Solving genetics problems Quiz 7
Oct 27,28	Lab 9 Bioinformatics, Introduction to Worm Biology Quiz 8
Nov 3,4	Lab 10 DNA extraction, Pipetting, PCR Quiz 9
Nov 10	Lab 11 Evolution; Population Genetics: Hardy-Weinberg Quiz 10 Write up due next week
Nov 17,18	Lab 12: Population Genetics: Hardy –Weinberg cont., Gel Electrophoresis Quiz 11
Nov 24,25	Wed. section lab make up Lab 11 on Tues....No Tues. labs – Thanksgiving break
Dec 3	Lab 13: Comprehensive Lab Practical 100 points
	Final Exam Week- no lab meeting

Quizzes/Journals/Exams:

- There will be a 10 point quiz every week, starting Week 3, lab 2. Each quiz will cover previous week’s lab exercises and test your preparation for the current week.
- Your lowest quiz score will be dropped.

- Lab write-ups are usually due the following week after they are assigned. Be sure to follow your instructor's directions when doing the write-ups. These are not Chem Lab style write-ups. Write-ups are due at the beginning of class. (Format to be discussed in class.)



<u>Assignment</u>	<u>Points</u>
Quizzes (10 x 10 points)	100
Lab Write-ups (5 x 20 points)	100
Lab Final Practical Exam	100
TOTAL POINTS	300



Make-up:

If you know you have a conflict on the day of the Lab final exam, please see me beforehand so we can discuss the situation. If something comes up unexpectedly on the day of the exam, please e-mail me. Don't 'let it ride' and plan on discussing it with me later. If I don't hear from you promptly, you get a 0.

Lab Write-ups

Lab Write-ups are due at the beginning of the lab. See the lab schedule for the due dates. Late lab reports are penalized 5 pts. per day. **Lab write-ups are not group activities.** Do your own work and don't copy the answers from someone else's report. Save your lab reports. They are valuable study guides.

Student Conduct:

Plan on working with a partner or group. Most labs will run the full three hours. Attendance is required. Do not enroll in this class if you have conflicts or other commitments during your lab period. Be on time for class. During the first few minutes of each class period we will discuss the day's activities and take the quiz. Attendance will be considered when rounding your grades up or down. Do not leave the classroom in the middle of a discussion. **Please do not use cell phones, iPods, or other electronic devices during class.** Computers are only allowed in class as a tool for note taking or class exercises.

STUDENTS WITH DISABILITIES – If you are a student with a documented disability, please meet with me privately as soon as possible so we can arrange the accommodations that will foster your success in this course.

TUTORING ON CAMPUS – Free tutoring services are available to assist you in most disciplines, including in biology! Library 112; Phone (209) 667-3642; Web <http://www.csustan.edu/Tutoring>

CAMPUS COUNSELING SERVICES – Overwhelmed by the stress of juggling classes and your home life? Our campus offers excellent counseling services to help support you, and you've already paid for it! MSR 210; Phone (209) 667-3381; Web <http://www.csustan.edu/Counseling/>