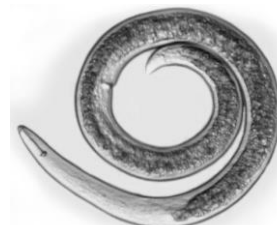


BIOL 1050-SPRING 2014



Instructor: Ms. Tommi Lou Carosella

Contact Information: tcarosella@csustan.edu, 667-3596

Office: N257

Office Hours: Tues 1-2pm, Thur 12-1pm, Fri 11-12pm, or by appointment

Required Materials: Symbiosis Lab Manual (only available in the Bookstore)
Notepaper, Calculator

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

Lab Schedule

Week Of	Topic
Jan 27-31	Student Survey, Lab Safety, Pop Quiz. Be sure you attend class if you want to keep your seat!
Feb 3-6	Lab 1 Scientific Investigation Write up due next week
Feb 10-14	Lab 2 Microscopes and Cells
Feb 17-21	Lab 3 Osmosis Exercise <i>Set up seed germination</i> Weekly quizzes begin. Write up due next week
Feb 24-28	Lab 4 Collect and analyze data from seed germination. Enzymes Exercise
Mar 3-7	Lab 5 Respiration/Fermentation, Dissecting Microscope Write up due next week
Mar 10-14	Lab 6 Photosynthesis Write up due week Mar 24- 28
Mar 17-21	Lab 7 Mitosis
Mar 24-28	Lab 8 Meiosis
Apr 1-4	Lab 9 Solving genetics problems
Apr 7-11	Lab 10 Bioinformatics, Introduction to Worm Biology Write up due next week
Apr 14-18	Lab 11 Pipetting, DNA Isolation (worm picking), PCR
Apr 21-25	Spring Break- no classes
Apr 28 – May 2	Lab 12 Evolution (dress for outdoors), Gel Electrophoresis Write up due next week
May 5-9	Lab 13: Population Genetics: Hardy –Weinberg
May 12-16	Lab 14: <i>Comprehensive Lab Practical 100 points</i>
May 19-23	Final Exam Week- no lab meeting

Notes about Class:

- There will be an 11 point quiz every week, starting Week 3 (lab 2).



Quizzes/Journals/Exams:

- There will be a 11 point quiz every week, starting week of Feb 17. Each quiz will cover previous week's lab exercises and test preparation for 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 11 points)	110
Lab Write-ups (6 x 15 points)	90
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. 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. **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.

You have the opportunity to learn many useful skills in this lab, but only if you attend class! You will also be learning the basic biology content that you will need to carry with you through your upper division classes, and your career. Please come to class mentally prepared, and ready to learn. Plan on spending quite a bit of additional time each week going over what you have learned in lab, and studying for your weekly quiz.