

Santa Ana College

Biology

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Biology 109 Lab/ticket #40277 and meets Fridays from 1-4:10 pm in R-202

Fall 2017

Required book: Laboratory Manual for Biology 109 (by Dr. Jorge Lopez)—purchase in bookstore the correct edition has a purple flower on the cover.

a. Attendance policy: If you miss 3 lab periods (they do not have to be consecutive), you will be dropped from the course. If you miss 2 consecutive lab periods or the midterm, you must contact me ASAP to avoid being dropped from class but you must have an excusable, documented absence.

b. Make-up labs are permitted only with written documentation of extenuating circumstances. You may make up a maximum of 2 labs. Labs can be made up only during the same week as the missed lab.

c. Make-up exams: To take a practicum in a laboratory section other than the one in which you are registered, you must: (1) obtain written permission from BOTH your registered instructor and the instructor in whose class you wish to take the examination at least 24 hours before you are to take the examination, (2) present at least one photo ID to the instructor administering the test, and (3) leave the signed permission slip with the examination. No instructor except your registered instructor is required to give you a practicum.

d. Student learning outcomes:

Communication Skills

1. Reading and Writing - Students will develop their ability to comprehend readings on Biological subjects.

2. Reading and Writing--Students will learn the basics of the technical vocabulary of Biology.

3. Thinking and Reasoning: Critical Thinking - Students will develop their critical thinking skills by evaluating scientific evidence to reach valid conclusions.

e. Accommodations: A student with a disability, who would like to request an academic accommodation, is responsible for identifying herself/himself to the instructor and to the Disabled Student Programs and Services (DSPS). To make arrangements for academic accommodations, contact the Physical Disability Center in Johnson Center, U-103, or phone (714) 564-6264, TTY (714) 564-6284 for a referral to the appropriate DSPS Department.

f. Safety:

i. No open toed shoes are allowed in the lab

ii. No eating or drinking allowed

iii. **Goggles are required for the chemistry & animal anatomy labs**

Academic Honesty Policy (from 2012/2013 SAC Catalog, page 33): Students at Santa Ana College are expected to be honest and forthright in their academic endeavors. To falsify the results of one's research, to steal the words of another, or to cheat on an examination, corrupts the essential process by which knowledge is advanced. Academic dishonesty is seen as an intentional act of fraud, in which a student seeks to claim credit for the work or efforts of another without authorization, or uses unauthorized materials or fabricated information in any academic exercise. As institutions, we also consider academic dishonesty to include forgery of academic documents, intentionally impeding or damaging the academic work of others, assisting other students in acts of dishonesty or coercing students into acts of dishonesty. In cases where a violation of academic honesty is discovered, the faculty member is encouraged to file an "Academic Misconduct Incident Report" form and distribute the form to the appropriate offices listed.

In matters relating to academic honesty violations, the primary responsibility for disciplinary proceedings rests with instructor and the academic division where the violation allegedly occurred. The Dean of Student Affairs will assist in all College-wide sanctions.

There are two categories of sanctions: Limited and College-wide. Limited sanctions include an academic action such as assigning a lower grade or a grade of "F" for the assignment, project, or test. College-wide sanctions include any sanction that will affect a student's standing with the college-at-large, up to and including suspension or expulsion from the College.

Website: <http://sac.edu/studentservices/admissionsrecords/pages/academic-honesty-policy-.aspx>)

Section transfers: Students are not permitted to change sections after week 2 of the semester. Exceptions for documented extenuating circumstances will be handled on a case by case basis. The instructors of both sections must be informed and must agree to any transfers.

Biology 109 Lab Schedule Fall 2016

SANTA ANA COLLEGE

Week	Date	Lab #	Topic	Quiz # for Fri	Point Value
1	Sept 01	1	Introduction to the Microscope		
2	Sept 08	2	The Cell 9/10 last day to drop w/out a W	1	20
3	Sept 15	3	Chemistry	2	20
4	Sept 22	4	Cellular Respiration	3	20
5	Sept 29	5	Cell Division	4	20
6	Oct 06	6	Genetics	5	20
7	Oct 13	7	Molecular Genetics	6	20
8	Oct 20		Midterm Lab Practicum #1 (Labs from weeks 1-7)	na	75
9	Oct 27	8	Embryology	na	na
10	Nov 03	9	Population Ecology	7	20
11	Nov 10		Veteran's day—NO LAB 11/19—last day to drop with W	na	na
12	Nov 17	11	Plant diversity & anatomy	8	20
13	Nov 24	na	Thanksgiving Holiday		
14	Dec 01	13	Animal Diversity	9	20
15	Dec 08	14	Environmental biology	10	20
16	Dec 15	na	Final Lab Practicum (Labs from weeks 8-15)	na	75
Additional Extra Credit Can Be Earned by The Following: Extra credit quiz (27 pt to be announced 2 weeks before final)					
TOTAL POINTS POSSIBLE =410					410

Grading Scale		
Grade	Percent (%) of mandatory points (as stated above)	Points (% of 410)
A	≥90%	At least 369
B	80%-89%	At least 328
C	70%-79%	At least 287
D	60%-69%	At least 246
F	0%-59%	Less than 246

Grade break down:

10 quizzes * 20 pt =200 pt

2 exams * 75 pt =150 pt

12 labs * 05 pt = 60 pt

Total required = 410

Extra credit 27 pt to give 437 max (given out 2 weeks before the final exam)