

GENERAL BIOLOGY LAB – Spring 2007

Instructor:

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Office Hours:

Mon & Wed 1:30 – 3:00 pm
Tue & Thu 10:00 – 11:00 am
Thursday evening and other times by appointment
*** no Friday office hours ***

Office: I-300 room 306

Required Textbooks & Supplies for lab:

- ◆ Ancinec, et al. Laboratory Experiences in General Biology, 9th Edition
- ◆ Bio. 107 Lab Packet
- ◆ Bio. 107 Lab Kit & Gloves

Field Trip Requirements:

Field trips are a required component of this course. Students in evening labs will be expected do the field trip as an independent activity or will have a substitute activity during regularly scheduled class time, at the instructor's discretion. A minimum of two weeks and two weekends will be allowed for students to take the field trip on their own. Transportation to and from the field trip site is the responsibility of the student. Details, directions and instructions of what to wear/bring will be provided before each field trip. Please see "Accommodation of Disability."

Accommodation Of Disability:

Students with disabilities who may need academic accommodations should notify their professor immediately.

Classroom Behavior And Student Code Of Conduct:

It is expected that students will conduct themselves within the standards outlined in the student code of conduct, disciplinary procedure and student due process. Please refer to Policy 3100, which is linked to my website, the Mesa College website, in the current college catalogue, and also at the Office of the Dean of Student Affairs in H-500. Students are expected to come to class in a timely manner, prepared for the day's work. Full participation for the entire class period in activities, class exercises and discussions is required. Please turn off all cell phones, pagers etc. Please turn off all cell phones, pagers etc. You will be released from class with an unexcused absence for making or accepting telephone calls in the classroom or on a field trip. Disciplinary action will be taken by the instructor as necessary.

Attendance:

Attendance is required. Students may be dropped from the class for absences exceeding 6% of the course and must be dropped for absences exceeding 12% of the course (see college catalogue). Students may NOT make up missed labs. See grading policy.

Tardiness:

The instructor is NOT required to accommodate students arriving late. Tardy students will not be allowed additional time to complete labs or tests.

Honest Academic Conduct:

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. Please refer to Policy 3100, which is linked to my website, the Mesa College website, in the current college catalogue, and also at the Office of the Dean of Student Affairs in H-500. Academic dishonesty includes **cheating**, which includes **unauthorized collaboration**. POLICY 3100 <http://www.sdmesa.edu/instruction/policy/index.html>

Grading Policy:

Your overall course grade will be calculated from a combination of your lecture grade (weighted to represent 75% of your total score) and your lab grade (weighted to represent 25% of your total score). Your lab grade will be calculated as described below and then weighted to represent 25% of your total grade. Please do not ask for extra credit assignments.

- ◆ **Prep sheets** worth 2 points each will be due at the start most labs. Points will be deducted for incomplete prep sheets.
- ◆ **Lab tests** worth 20 points each are given at the end of each lab. Tests will mainly include short answer, fill-in-the-blank, problem solving, and “practical exams” as explained in lab. Lab tests may also include multiple choice and true/false. For field trips, a worksheet will be assigned for 10 points and a 10 point quiz will be given at the start of the subsequent lab period.
- ◆ **Missed lab prep sheets and quizzes will receive a grade of zero.** Lab prep sheets cannot be submitted late or made up, but your lowest two (2) grades will be dropped. Quizzes cannot be made up, but your lowest two (2) grades will be dropped.
- ◆ **Extra credit** will not be assigned to individuals.

RECORD YOUR GRADES HERE

| LAB | A PREP SHEET | B YOUR TEST SCORE | C YOUR TOTAL POINTS | D POINTS POSSIBLE | F % = C/D |
|------------------------------------|--------------------|----------------------------|------------------------------|-------------------------|--------------|
| SAFETY, SCIENTIFIC METHOD, GRAPHS | 0 | | | 20 | |
| MICROSCOPES AND CELLS | 2 | | | 42 | |
| FIELD TRIP (10/10) | 0 | | | 62 | |
| DIFFUSIONS AND OSMOSIS | 2 | | | 84 | |
| ENZYMES | 2 | | | 106 | |
| RESPIRATION RATE VS BODY SIZE | 2 | | | 128 | |
| PHOTOSYNTHESIS | 2 | | | 150 | |
| MENDELIAN GENETICS | 2 | | | 172 | |
| MOLECULAR GENETICS (DNA) | 2 | | | 194 | |
| THE DOMAINS OF LIFE | 2 | | | 216 | |
| PLANT FORM & FUNCTION | 2 | | | 238 | |
| THE ANIMAL KINGDOM | 2 | | | 260 | |
| DISSECTION OF THE WHITE RAT | 2 | | | 282 | |
| CIRCULATION, HOMEOSTASIS, REFLEXES | 2 | | | 304 | |
| FIELD TRIP | 0 | | | 324 | |