

COURSE: BI 102L-General Biology Lab, Summer 112000
TIME: 9:40am - 12:50pm T & Th (July 05 - Aug. 15, 2000)
INSTRUCTOR: Dr. Alan Ohta
email: ohta@i-one.com
OFFICE HRS: 08:30am - 09:40am M - F or by appointment

COURSE DESCRIPTION: The lab class for this course is designed to aide in your understanding of the function and interaction of the various systems which, working together, constitute a living being. Further, we will be investigating how individuals, populations & communities interact to form complex ecosystems.

OBJECTIVES:

1. To obtain practical knowledge of concepts and structures discussed in the lecture.
2. To promote scientific thinking and inquiry.
3. To enhance powers of observation and to be more scientifically observant.
4. To increase appreciation for the natural environment.

ASSIGNMENTS:

All lab exercises will require a written report using the format provided by the instructor. These reports will be due as announced by the instructor.

LABS:

1. Laboratory topics and assignments are listed in the course outline.
2. Examination dates are also listed in the course outline.
3. The instructor reserves the right to add, omit, or change the materials as he sees fit.

EXAMS, QUIZZES & GRADES:

1. All exams & quizzes are "open book & notes" & will consist of short essay questions. You will be grades on your ability not only to answer the question (some can be answered in several ways), but also in how effectively you can defend your answer/position using your knowledge of the subject & applying what you learned through the use of appropriate facts/examples. Thus all questions asking for your opinion or position, whether stated or not have an implied "Why?" or "How?" question attached.
2. Grades will be based on the following system & scale:

Grade Scale:

90% & above = A
80 - 89% = B
65-79% = C
50 - 64% = D
49% & below = F

Grading System:

Labs 75%
Final 25%

COURSE OUTLINE:

07/06/2000	Introduction/ Scientific Method
07/11	Systematics
07/13	Discussion of phylogenetic relationships
07/18	Field Trip: Aiea
07/20	Earthworm Dissection
07/25	Clam Dissection
07/27	Squid Dissection
08/01	Fetal Pig Dissection (Respiratory system)
08/03	Fetal Pig Dissection (Digestive/excretory systems)
08/08	Fetal Pig Dissection (Circulatory system)
08/10	Fetal Pig Dissection (Reproductive system)
08/15	Final Exam