

COURSE: BI 102L-General Biology Lab

TIME: 2:00-4:50 pm M (Aug. 26 - Dec. 02, 2002)

INSTRUCTOR: Dr. Alan Ohta

email: ohta@i-one.com

OFFICE HRS: 9:00-10:00 am MW or by appointment

FD'02

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:

08/26/2002 Introduction

09/02 Holiday: Labor Day

09/09 Scientific Method

09/16 Systematics

09/23 Plants - Stomata

09/30 Earthworm Dissection

10/07 Clam Dissection

10/14 Holiday: Discoverer's Day

10/21 Squid Dissection

10/28 Fetal Pig Dissection (Respiratory system)

11/04 Fetal Pig Dissection (Digestive/excretory systems)

11/11 Holiday: Veteran's Day

11/18 Fetal Pig Dissection (Circulatory system)

11/25 Fetal Pig Dissection (Reproductive system)

12/02 Final Exam