SSII 2000

COURSE: BI 102-General Biology (Lecture)
TIME: 9:40am -12:50pm M, W, F (July 05 - Aug. 15, 2000)
INSTRUCTOR: Dr. Alan Ohta,
email: ohta@i-one.com
OFFICE HRS: 8:40am - 9:40am M - F or by appointment
TEXT: Biology Life on Earth, **5th ed. by Teresa & Gerald Audesirk, Prentice Hall,** *1999/1996.*

COURSE DESCRIPTION: This course is designed to complete your introduction to the Biological Sciences. Concepts learned in the first half of the course will be applied to the organismal level of life. Biological systems as adaptations to a multicellular existence will also be investigated.

OBJECTIVES:

1. to **provide a sound background of biological systems (function & structure).**
2. to **promote an appreciation for the complexity of living organisms.**
3. to **promote critical thinking in applying concepts.**
4. to **promote an appreciation for the vast amount of biodiversity & their interrelationship in the ecosystem.**

LECTURES:
1. **Lecture topics and text 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 graded 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:		Grading System:	
90% & above	= A	Quizzes	30%
80-89%	= B	Mid Term	30%
65-79%	= C	Final	40%
50-64%	=D		
49% & below	= F		

COURSE OUTLINE:

07/05/2000	Systematics (Chap 18)
07/07	Microbes & Fungi (Chap 19 & 20)
47(14	Plants (Chap 21)
07/12	Plant Structures & Functions (Chap 23)
07/14	Plant Reproduction & Responses (Chap 24 & 25)
07/17	Animal Kingdom (Chap 22)
07/19	Homeostasis (Chap 26)
07/21	Circulatory & Respiratory Systems (Chap 27 & 28)
07/24	Digestive & Excretory Systems (Chap 29 & 30)
07/26	Midterm Exam
07/28	Endocrine & Nervous Systems (Chap 32 & 33)
07/31	Skeletal & Muscular Systems (Chap 34)
08/02	Reproductive Systems (Chap 35)
08/04	Development & Behavior (Chap 36 & 37)
08/07	Immunology (Chap 31)
08/09	Ecology: Populations & Communities (Chap 38 - 39)
08/11	Ecosystems (Chap 40 - 41)
08/14	Final Exam