

Bio 102 ¹⁰ General Biology II
Chaminade Univ.

WINTER_ Accelerated
Nora L. Chee

LECTURE COURSE OUTLINE & SYLLABUS

TEXT: Audesirk, Gerald and Teresa . 1999
LIFE ON EARTH. Prentice Hall, Inc.

BIOLOGY:

GOALS OF COURSE:

1. To focus on key concepts of biology, relevant to this beginning COURSE and to other biology COURSES to follow.
2. To teach about scientific inquiry
3. To present the biological bases for sound environmental decisions
4. To present a beginning survey of earth's plant/animal life, with an introduction to Hawaiian flora and fauna.

OBJECTIVES OF COURSE:

1. To enable a student to apply the principles of scientific inquiry to lecture/lab. exercises.
2. To encourage a student to achieve a familiarity of scientific terminology.
3. To encourage an understanding of the interdependency of all of earth's inhabitants.

LECTURES:

1. The student is expected to follow text assignments and topics, as given in the course outline.
2. Exam dates will be followed, unless otherwise advised.
3. The instructor may add/omit material, if he so wishes,

GRADE DETERMINATION:

1. Separate grades will be given for lecture and for the laboratory.
2. The final lecture exam is a comprehensive examination.
3. Grades will be computed according to the following scale:

1st lec exam = 100 pts.
2nd lec exam = 100 pts.
Quizzes = 50 pts.
Final exam = 150 pts.

SCALE:
A = 90%
B = 80%
C = 70%
D = 60%

3(cont.)

- a. The lowest grade from the first exam and second exam will be dropped. Your final lecture score will be based on the remaining scores and the final lecture exam.
- b. Given a timely, legitimate excuse, a make-up quiz or exam possible.

There will usually be a quiz at each **Wednesday** meeting, on relevant material covered in the previous **lecture**.
*NO MAKEUP QUIZZES.

4. A final lab grade is determined as follows:

Midterm Exam:	100 pts.	A = 176
Lab Paper:	<u>100 pts.</u>	B = 156
		C = 128
	200 total	D = 100

CHAMINADE UNIVERSITY
 Bio 102 General Biology II
 Instructor N. Chee

SCHOFIELD
 Winter 2001
 Schedule: lec/lab

WEEK	DATE	TOPIC	Assignment
1	1/8-01 1/10	Ch. 19 - Microbes Ch. 20 - Fungi	350-375 376-389
Q-1	1/15 1/17	Ch. 21 - Plant Kingdom Ch. 22 - Animal Kingdom	390-409 410-448
	LAB #1:	Canimalcules (following lecture)	Handout
3	1/22 Q-2 1/24	Ch. 22 (cont.) Ch. 23 -Plant Form/Function	450-481
	SUBMIT:	Title of Term Paper - DUE 10th Week	
	1/29 1/31	Ch. 24 - Plant Reproduction <u>FIRST LECTURE EXAM</u>	482-503
	2/3	LAB #2: FIELD TRIP - bird sanctuary	SATURDAY
5	2/5	Ch. 25/26 Plant Responses Animal Homeostasis	504-535
Q-3	2/7	cont.	
	LAB #3	- Poisonous Plants (following lecture)	HANDOUT
6	2/12 Q-4 2/14 2/17	Ch. 27- Circulation Ch. 28 - Respiration LAB #4 - Wahiawa Botanical Garden	536-555 556-569 SATURDAY
	2/14	<u>LAB MIDTERM</u> - Labs 1,2,3	Multiple choice Identification
7	2/19 Q-5 2/21	Ch. 29 - Nutrition/digestion Ch. 30 - Urinary System	570-591 592-605
8	2/26 2/28	Ch. 31 - Immune System SECOND LECTURE EXAM (Chaps 25 - 31)	606-635
9	3/5 317	Ch. 32 - Endocrine System 33 - Nervous System	636-653 654-692
	LAB #5	- Sheep Brain, Sense Organs	Handout
10	3/12	Ch. 36 - Animal Development	738-754
	READ	CHAP. 34,35 - for own information	
	SUBMIT	PAPERS	
	3/14	- Student Presentations	extra credit
11	3/19	- Student papers (cont.)	
	3/21	- <u>FINAL EXAM</u> (comprehensive)	