

GENERAL ZOOLOGY

Biology 121 Section 01

MWF 10:00 - 10:50 AM
Pryor Sciences Bldg. 165

INSTRUCTOR: Dr. Joseph W. Goy
Office: Pryor Sciences Bldg. 161A
Office Hours - Schedule is posted
on office door.

TEXT: Integrated Principles of Zoology (13th ed.) Hickman, Roberts, Larson,
l'Anson and Eisenhour 2006.

LAB MANUAL: Laboratory Studies in Integrated Principles of Zoology
(13th ed.) Hickman, and Kats, 2006.

OPTIONAL: You will also need a dissection kit by the Sept. 12th, which
can be purchased in the bookstore (1st floor).

TENTATIVE LECTURE SCHEDULE

<u>Week of Aug. 21</u>	<u>Chapter</u>
1. Life: Biological Principles and the Science of Zoology	1
2. Cells as Units of Life	3
<u>Week of Aug. 28:</u>	<u>Chapter</u>
3. Organic Evolution	6
4. The Reproductive Process	7
<u>Week of Sept. 4:</u>	<u>Chapter</u>
5. Principles of Development	8
<u>Week of Sept. 11:</u>	<u>Chapter</u>
6. Architectural Pattern of an Animal	9
7. Classification and Phylogeny of Animals	10
SEPT. 15, EXAM #1	
<u>Week of Sept. 18:</u>	<u>Chapter</u>
8. Protozoan Groups	11
9. Mesozoa and Parazoa	12
<u>Week of Sept. 25:</u>	<u>Chapter</u>
10. Radiate Animals	13
<u>Week of Oct. 2:</u>	<u>Chapter</u>
11. Acoelomate Bilateral Animals	14
12. Pseudocoelomate Animals	15

<u>Week of Oct. 9 :</u>	<u>Chapter</u>
13. Molluscs	16
14. Segmented Worms	17

Oct. 13, EXAM #2

<u>Week of Oct. 16:</u>	<u>Chapter</u>
15. Arthropods	18
16. Aquatic Mandibulates	19
17. Terrestrial Mandibulates	20

<u>Week of Oct. 23:</u>	<u>Chapter</u>
18. Smaller Protostome Phyla	21
19. Echinoderms and Hemichordates	22

<u>Week of Oct. 30:</u>	<u>Chapter</u>
20. Chordates	23
21. Fishes	24

<u>Week of Nov. 6:</u>	<u>Chapter</u>
22. Early Tetrapods and Modern Amphibians	25
23. Amniote Origins and Reptilian Groups	26

NOV. 10, EXAM #3

<u>Week of Nov. 13:</u>	<u>Chapter</u>
24. Birds	27
25. Mammals	28

<u>Week of Nov. 27:</u>	<u>Chapter</u>
26. Animal Behavior	36
27. The Biosphere and Animal Distribution	37

<u>Week of Dec.4</u>	<u>Chapter</u>
28. Animal Ecology	38

FINAL EXAM: MONDAY 11 DEC. 10:30 - 12:30 AM

We will have about 44 class days this semester. This means that we must cover a large amount of material each day. Consequently, it is imperative that you keep up with this fast pace in your study time outside of the classroom. You should try to spend a minimum of **18 hours** study each week in addition to class time in order to master the material. The laboratory is an integral part of the course that reinforces the lecture as well as giving you practical experience with animals. Exams will be designed to test your knowledge of both lecture material and assigned readings from the textbook. For this reason, continual class attendance is

highly recommended. Attendance records will not be kept; but to stem to desire to skip class there will be **Weekly Unannounced Quizzes** each worth 10 points toward your final grade. This means there can be as many as 14 quizzes over the semester and I will use your 10 highest scored quizzes to give you a possible 100 points toward your final grade.

LECTURE EXAMS are worth 100 points each and will cover material up until the scheduled exam date. The FINAL EXAM is worth 100 points and is **not comprehensive**, and will be based on lecture material covered since the third exam. Scheduled class and laboratory exams will be given **ONLY** as scheduled. **No Make-Up Exams or Quizzes Will Be Given.** Should a student miss an exam for any University sanctioned reason, the point value from that exam will be added to the point value of the final exam. **Proof must be presented to the instructor, otherwise a grade of zero (0) will be assigned for the missed exam.** The total points (500) for the lecture portion of the course represents 56% of your final grade. Each of the two laboratory practicals are worth 100 points, weekly lab quizzes will total another 100 points, field trip reports are worth 50 points, and a personal animal collection is worth 50 points; these lab assignments represent 44% of your final grade.

<u>Method of Grade Assignment:</u>	
3 Lecture Exams: 100 pts. each	300
Final Lecture Exam: 100 pts.	100
Best 10 Lecture Quizzes: 100 pts.	100
2 Lab Practical: 100 pts. each	200
Weekly Lab Quizzes: 100 pts.	100
Field Trip Reports: 50 pts.	50
Animal Collection: 50 pts.	<u>50</u>
	900

(Your Total Accumulated Points)

900

X 100 = YOUR FINAL

GRADE

GRADE SCALE

89.5 and above = A
79.5 - 89.4 = B
69.5 - 79.4 = C
59.5 - 69.4 = D
59.4 and below = F

There will be **NO** deviations in the grade scale (i.e. No Curved Grades).

Students with Disabilities: It is the policy for Harding University to accommodate students with disabilities, pursuant to federal and state law. Therefore, any student with a *documented disability* condition (e.g. physical, learning, psychological, vision, hearing, etc.) who needs to arrange reasonable accommodations, must contact the instructor and TRIO Student Support Services at the *beginning* of each semester. (If the diagnosis of the disability occurs during the academic year, the student must self-identify with the Disabilities Director *as soon as possible* in order to get academic accommodations in place for the remainder of the semester.) The TRIO Student Support Services office is located in Room 109 of the Lee Academic Center, telephone, (501) 279-4028.