COMPARATIVE VERTEBRATE MORPHOLOGY

BI 351/L
Dr, Karen Petras

Tues., Thurs. 8am 9:20am.

Text: Comparative Vertebrate Anatomy, by Kardong and Zaliski. McGraw Hill Publishing Co. 1998.

This class will cover most (if not all) of the accompanying textbook. Lectures will be intensive; be prepared to take lots of notes! Pens or pencils in several colors willhelp in drawing the many diagrams we will encounter. There is also an anatomy coloring book (avaliable at large bookstores) that you might also find helpful.

Grades will be determined by 3 exams, each worth 100 points, and a cumulative final, worth 200 points. IF YOU MISS AN EXAM ONLY A DOCTOR's NOTE OR SIMILAR DOCUMENTATION WILL EXCUSE YOU! If you have no excuse, you will get a zero for the exam, which will be averaged into your grade!

BE ON TIME for lecture! It is disruptive and you will miss important information and announcements if you are late. Also, please turn off all cell phones and pagers.

Note that lab and lecture have two separate grades! While the information in each is complementary to the other,there will also be information unique to each.

Below is the tentative lecture schedule for the semester. We will stick to this schedule as closely as possible, but alterations may occasionally be necessary.

Date	Reading
1/18	Ch. 1
1/20	Ch. 1 (cont.)
1/25	Ch. 2
1/27	Ch. 3
2/1	Ch. 4
2/3	Ch. 5
O	Ch. 6
2/10	Ch. 7
2/15	Finish Ch.7. Review for Ch.1-6 Exam 1
2/17	Exam 1, Chs. 1-6.
2/22	Ch. 8
2/24	Ch. 9
2/29	Happy Leap Day! Ch. 10

Date	Reading
3/2	Ch. 11
3/7	Finish Chs. 7-11, review for Exam 2
3/9	Exam 2, Chs. 7-10.
3/14	Ch. 12
3/16	Ch. 12 (cont.)
3/21	Ch. 13
3/23	Ch. 14
3/28 and 3/30	Spring Break-yay!
4/4	Ch. 15
4/6	Review for Exam 3
4/11	Exam 3, Chs. 11-14
4/13	Ch. 15 (cont.)
4/18	Ch. 16
4/20	Ch. 17
4/25	Ch. 17 (cont.)
4/27	Ch. 18
5/2	Ch. 18 (cont.)
5/4	Last lecture-review for final exam.

LABORATORY SCHEDULE

Time: Wed., 1:50-4:50pm.
Text: Comparative Vertebrate Anatomy: a Laboratory Dissection Guide, Zalisko and Kardong, McGraw-Hill, 1998.

Labs will be intensive! We will have lots to do, so be on time and bring plain paper (lined is OK, though) and lots of colored pens or pencils. We will be sticking to the exercises in the lab manual, which promotes observation and drawing of specimens preserved in plastic, slides, and specimens for dissection.
SAFETY IS IMPORTANT! We will be using sharp dissecting instruments, glassware, and specimens may be preserved in chemicals that can be irritating. So, wear goggles, lab coats, covered shoes, and latex or plastic gloves. Eating and drinking are a no-no, and you won't want to do either during dissections which can get pretty intense.

DATE	READING
1/19	Intro. to lab, Ch. 1
1/26	Ch. 2: Protochordates
2/2	Ch. 3: Lampreys
2/9	Ch. 4: Integuments
2/16	Ch. 5: Skeletons
2/23	Ch. 5 (cont.): Skeletons
3/1	Lab midterm, Chs. 1-5
3/8	Ch. 6, pp. 87-97, Ch. 7, pp.122-126. Shark muscles and digestive system
3/15	Ch. 8, pp. 136-142. Shark circulatory system Ch. 9, pp. 158-163. Shark urogenital system
3/22	Ch. 10: Shark and sheep brains
3/29	Spring break-NO LAB!
4/5	Ch. 6, pp. 97-103, Ch. 7,pp. 126-128. Necturus muscles and digestive system
4/12	Ch. 8,pp. 142-147, Ch. 9, pp. 163-165. Necturus circulatory and urogenital systems
4/19	Ch. 6, pp. 103-120, Ch. 7,pp. 128-135. "Cat" muscles and digestive system
4/26	Ch. 8,pp. 147-157, Ch. 9,pp. 165-170. "Cat" circulatory and urogenital systems.
5/3	Lab final, Chs. 6-10.