

Comparative Vertebrate Anatomy BIOL 4300

Fall Semester 2023

CRN- 86220(section A)

Instructor - Dr. J. Mitchell Lockhart

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Office Hours Monday 10:00-11:00AM, Tuesday 8:00-9:30AM, Wednesday 1:00AM-2:00PM

(virtual by Microsoft Teams) or by appointment

Course hours Lecture Monday, Wednesday, Friday 9:00-10:50

dealt with by administratively withdrawing the student(s) from the course AND/OR mandatory first of class quizzes for the entire class.

Students With Documented Disabilities

sexual harassment, sexual assault, sexual misconduct, and sexual violence by other employees, students or third parties and gender inequity or unfair treatment based on an individual's sex/gender. The designated Title IX Coordinator for VSU is Ms. Selenseia Holmes. To view the full policy or to report an incident visit: <https://www.valdosta.edu/administration/student-affairs/title-ix/>

Cheating: Refer to the Student Code of Ethics in the Valdosta State University Student Handbook. A student caught cheating will be penalized ranging from receiving a zero for that assignment or test to failing the class.

Student Opinion of Instruction Statement: At the end of the term, all students will be expected to complete an online Student Opinion of Instruction survey (SOI) that will be available through SmartEvals. Students will receive an email notification through their VSU email address when the SOI is available (generally at least one week before the end of the term). SOI responses are anonymous to instructors/administrators, and they will be able to

DISSECTION ASSIGNMENT

You will work in groups of TWO with the partner you have in lab, to prepare a powerpoint chronology of the dissections you are performing. This will stimulate you to do excellent, meticulous dissections in the laboratory. I want each group to take photographs of their dissections, import them into powerpoint, and label all parts that you are required to learn in the laboratory. Label anatomical parts clearly within powerpoint with either NUMBERS or LETTERS. Then on the following powerpoint slide, provide a key for the previous photograph.

You are not required to do this for the lamprey (it will be a bonus point opportunity), but I do want photographs of the mudpuppy, shark, and cat. Your laboratory guide gives you an EXCELLENT reference and should

Course Outcomes:

Course:

By the end of BIOL 4300, students who successfully complete the course should have:

1. Gained factual knowledge, to include anatomy and physiological terminology, methods, and principles, about Comparative Vertebrate Anatomy. (DO –

BIOL 4300-Comparative Vertebrate Anatomy
Fall Semester, 2019
Dr. J. Mitchell Lockhart

Tentative Lecture Outline This is the order in which we will cover topics.

TOPIC

Nature of Vertebrate Morphology/Introduction

Tentative Lab Schedule - This is the order in which we will cover topics.

| Week of | TOPIC |
|---------------|---|
| 1 August15 | Introduction |
| 2 August 22 | Lesser Chordates and Vertebrates |
| 3 August29 | Lesser Chordates and Vertebrates |
| 4 September5 | Integumentary System and External Anatomy Begin Skeleton |
| 5 September21 | Skeleton |
| 6 September19 | Skeleton |