

**ZOO 3713    COMPARATIVE VERTEBRATE ANATOMY    Fall 2019 Syllabus**

**Instructor:** Mr. Frank T. Logiudice  
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**GTAs:** Chris Long and Jennifer Bouchenot

**Required Materials:** 1) *Comparative Anatomy of the Vertebrates*, 9<sup>th</sup> edition, by Kent & Carr; McGraw-Hill Publishing  
2) Lab Book and Atlas found on webcourses

**Grades :** The student's grade will be determined by both lecture and laboratory performance.  
**Lecture:** four lecture exams (worth 100 points each). Total lecture points available is 400.  
**Lab:** three lab exams (worth 100 points each), the 20 best quizzes out of 22 (30 points total) and two dissection proficiencies (worth 10 points each). Total Lab points available is 350.  
Total possible points for the course is 750

Grading Scale:

A = 750 -> 675  
B = 674 -> 600  
C = 599 -> 525  
D = 524 -> 450  
F = 449 -> 0

Note: +/- grades are not used in this class.

**Academic Honesty:** Refer to the UCF Golden Rule which will be rigidly adhered to.

**Attendance:** Due to the volume of material presented during this course, good attendance is essential! You alone are responsible for all missed work.

**Make - Up Policy:** Lab exams will not be made up under any circumstances.  
Lecture exams may be made up at the instructor's discretion.  
(Note: Such is a rare event.)

**Preparation:** You are expected to be prepared for every class. That includes reading all assigned materials before each lecture and lab session.

**Important Dates:** Add Deadline - Aug. 30  
Drop Deadline – Aug. 29  
Withdrawal Deadline – Nov. 1

**Office Hours:** MWF 12:00-1:00 in BL 202c and by appointment

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**LECTURE COURSE OUTLINE**

<b>Week</b>	<b>Subjects</b>	<b>Text Chapters</b>
Aug 25	Introduction, Tissues	1 and supplemental
Sep 1	Integumentary System	6
Sep 8	Osteology Part 1	7
Sep 15	Osteology Parts 2 & 3	8, 9
Sep 22	Osteology Part 3 & 4	9, 10
Sep 29	Myology	11
Oct 6	Myology (cont.) & Nervous System	11, 16
Oct 13	Nervous System (cont.), Special Senses	16, 17
Oct 20	Special Senses (cont.)	17
Oct 27	Endocrine System	18
Nov 3	Digestive System	12
Nov 10	Respiratory System	13
Nov 17	Circulatory System	14
Nov 24	Circulatory System (cont.), Urogenital System	14 & 15
Dec 1	Urogenital System (cont.)	15

**Tentative Lecture Exam Schedule**

<u>Lecture Examination</u>	<u>Date</u>	<u>Lecture Exam Material</u>
One	Sep 20	Ch. 1, 6 & 7, & supplemental
Two	Oct 11	Ch. 8 -- 11
Three	Nov 4	Ch. 16 – 18
Four	Dec 9 (10:30-11:30)	Ch. 12 – 15

**LAB COURSE OUTLINE**

**Unit 1: Osteology**

**Topic** -The osteology of the shark, mudpuppy, and cat – Ch 1.

**Study Dates** –27 August through 12 September

**Notable dates** –

Lab Practical 1 is on 17 September

Class on 29 August canceled for UCF Football

**Unit 2: Myology**

**Topic** -The myology of the shark, mudpuppy, and cat – Ch 2

**Study Dates** -19 September through 29 October

**Notable dates** –

Dissection Proficiency Evaluations will be held on 29 October. (Dissections should be completed by 24 October.)

Lab Practical 2 is on 31 October

**Unit 3: Circulatory System and Visceral Organ Systems**

**Topic** -The circulatory system and visceral organ systems of the shark, mudpuppy, and cat - Ch 3

**Study Dates** – 5 November through 26 November

**Notable dates** –

Dissection Proficiency Evaluations will be held on 26 November (Dissections should be completed by 21 November.)

Lab Practical 3 is on 3 December

**NOTE:** The dates for these exams may need to be changed as the semester progresses. If such becomes necessary, you will be notified at the earliest possible time.

**NOTE:** At the discretion of the instructor a student who does not adequately participate in the dissection portion of the lab may be penalized by not being allowed to attend the proficiency section or, in extreme cases, take the exam on that material. In such an extreme case the student will be awarded a grade of 0/100.