

PCB 4723
Syllabus

ANIMAL PHYSIOLOGY

Spring 2015

Instructor : Mr. Frank T. Logiudice
Office : Biology Building 2, Room 202 C
Office Phone Number: (407)-823-2495
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Required Materials: *Animal Physiology*, 5th edition, by Randall, Burggren & French;
W. H. Freeman and Company Publishing

Website: Webcourses

Grades : The student's grade will be determined by three lecture exams (worth 100 points each). Total lecture points available is 300.

Grading Scale:

A = 300 -> 270

B = 269 -> 240

C = 239 -> 210

D = 209 -> 180

F = 179 -> 0

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

Academic Honesty: Please 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 a essential ! You alone are responsible for all missed work.

Make - Up Policy: 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/Drop Period – January 16/15
Withdrawal Deadline – March 24

LECTURE COURSE OUTLINE

Week	Subjects	Text Chapters
Jan 11	Topic 1: Digestion and Metabolism	Ch. 15
Jan 18	Topic 2: Energy Expenditures, Part 1	Ch. 16
Jan 25	Topic 3: Energy Expenditures, Part 2	Ch. 17
Feb 1	Topic 4: The Physiology of Muscles	Ch. 10
Feb 8	Topic 4 continued	
Feb 15	Topic 5: Physical Basis of Neuronal Function	Ch. 5
Feb 22	Topic 6: Communication Along and Between Neurons	Ch. 6
Mar 1	Topic 7: The Organization of the Nervous System	Ch. 8
Mar 8	SPRING BREAK	
Mar 15	Topic 8: Sensing the Environment	Ch. 7
Mar 22	Topic 8 continued	
Mar 29	Topic 9: The Endocrine System	Ch. 9
Apr 5	Topic 10: Circulation	Ch. 12
Apr 12	Topic 11: Respiratory Physiology	Ch. 13
Apr 19	Topic 12: Osmotic and Ionic Regulation	Ch. 14

TENTATIVE LECTURE EXAM SCHEDULE

<u>Lecture Examination</u>	<u>Date</u>	<u>Lecture Exam Material</u>
One	February 13	Ch. 15, 16, 17, & 10
Two	March 20	Ch. 5, 6, 7, & 8
Three	April 29 (1:30-2:30)	Ch. 12, 13, & 14

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.

Office Hours: MWF 11:00-12:00 & M 1:30-2:20