

The University of Texas at San Antonio

SPRING 2008 COURSE SYLLABUS BIO 3422-GENERAL PHYSIOLOGY LABPRATORY

LABORATORY Schedule:

	Section	Lab Time	Lab Instructor	Office Hours	Contact information
Campus-1604					
Tuesday	001	12:00 - 05:00 PM	Hector Hernandez		
Wednesday	003	07:30 - 12:30 PM			
Wednesday	002	01:00 - 06:00 PM	Kalyan Nallaparaju		
Thursday	004	07:30 - 12:30 PM			
Thursday	005	01:00 - 06:00 PM	Hector Hernandez		
Friday	006	07:30 - 12:30 PM	Kalyan Nallaparaju		
Downtown					
Wednesday	902	01:00 - 06:00 PM	Hector Hernandez		
Friday	901	01:00 - 06:00 PM	Emmanuel Akwar		

COORDINATOR Pramod Kumar, Ph. D.; Ph. 458-5497 Office: SB 2.03.14
Lab PHONE: 458-7899 (Physiology Lab)

CLASS ROOM: SB 3.01.48 Campus 1604 _____ Downtown

TEXTBOOK: 1) Experiments in Physiology: A Laboratory Guide for General, College physiology
By Grimes *et al.*, and Supplemental Material
2) Supplemental Material available on WebCT

COURSE OBJECTIVE: The objective of this course is to provide you with a basic understanding of the physiological processes in living systems employing methods and instruments of biological research. Concurrent enrollment in BIO 3413 is recommended.

COURSE OUTLINE: Please see attached sheet

GRADING POLICY and Course Policies: Please refer to your lab manual for course policies.

Grade to be allocated		
A = 90 or more	Quiz	20%
B = 80 – 89	Lab Report and participation	20%
C = 70- 79	MIDTERM	25%
D = 60 – 69	FINAL EXAM	25%
F = less than 60	Group Presentation	10%
	Total	100%

EXAMINATION SCHEDULE: Please see attached course outline. Examination time will be announced later.

CLASSROOM BEHAVIOR EXPECTATION-Students are expected to assist in maintaining a classroom environment that is conducive to learning. To assure all students have the opportunity to gain from time spent in class, students are prohibited from engaging in any form of distraction. Inappropriate behavior in the classroom shall result, minimally, in a request to leave class.

There will be no make-up quizzes. Make-up examinations are given only under certain extenuating circumstances and are generally difficult than the regularly scheduled exams. Participation in group presentation is required. If you fail to participate, your instructor will assign zero for group presentation component. Please see attached policy sheet for details. Makeup Labs must be coordinated through your lab instructor.

Scholastic Dishonesty

Cheating is a very serious academic offense and cannot be tolerated in any form. Information related to this issue can be found on the university website <http://www.utsa.edu/osja/scholastic.cfm> (Sec. 203. Scholastic Dishonesty)

BIO 3422-GENERAL PHYSIOLOGY LABORATORY COURSE OUTLINE

Year 2008	EXPERIMENT	CHAPTER	NOTES
01/15 - 01/18	Introduction to the Power Lab/ Lab tutor Training	1 & <i>Supp. Material</i>	
01/22 - 01/25	Osmosis, Diffusion, Tonicity and Cell Permeability	2	No Quiz
01/29 - 02/01	Chemical Communication: Steroid	3	Quiz 1 Your Grade ____
02/05 - 02/08	Bioelectrical Communication-Organization of the Somatic Nervous System	5	Quiz 2 Your Grade ____
02/12 - 02/15	Bioelectrical Communication-Organization of the Autonomic Nervous System (frog heart)	6 & <i>Supp. Material</i>	Quiz 3 Your Grade ____
02/19 - 02/22	Bioelectrical Communication: Organization of the Somatic and Autonomic Nervous System (pupillary and blink reflexes)	7 & <i>supp. Material</i>	Quiz 4 Your Grade ____ MIDTERM REVIEW
02/26 - 02/29	MIDTERM	(Lab 1,2,3,5,6, and 7) and supplemental material	Midterm Grade ____
03/04 - 03/07	Sensory Input	4	No quiz
03/11 - 03/14	SPRING BREAK		NO LAB MEETING
03/18 - 03/21	Muscle Contraction: Frog muscle and human motor points	9 & <i>Supp. Material</i>	Quiz 5 Your Grade ____
03-25-2008	Last Day to drop a course for grade of "W"		
03/25 - 03/28	Luminescence	8	Quiz 6 Your Grade ____
004/01 - 04/04	The Cardiovascular System	10 & <i>supp. Material</i>	Quiz 7 Your Grade ____
04/08 - 04/11	Systemic Respiration	12 & <i>supp. Material</i>	Quiz 8 Your Grade ____ FINAL REVIEW
04/15 - 04/18	GROUP PRESENTATION		NO LAB MEETING
04/22 - 04/25	FINAL EXAM	—	(Labs 4,8,9,10, and 12) <i>and supplemental material</i>

Instructor retains the right to change the order of experiments if needed.