

FALL 2007
COURSE SYLLABUS

AHS 2111 (HUMAN PHYSIOLOGY LABORATORY)

LABORATORY Schedule and Instructors:

	Section	Lab Time	Lab Instructor	Office Hours	Contact information
Campus-1604					
Monday	001	09:00 - 11:30 PM	Solomon Nfor		
Monday	003	12:00 - 02:30 PM	Solomon Nfor		
Monday	002	03:00 - 05:30 PM	Emmanuel Akwar		
Monday	004	07:00 - 08:30 PM	Emmanuel Akwar		
Downtown					
Wednesday	901	01:00 - 07:00 PM	TBA		

COORDINATOR Pramod Kumar, Ph. D.; Phone # 458-5497; Office: SCB 2.03.14

WebPages: <http://WEBCT.utsa.edu>

CLASS ROOM: SB 3.01.48 (CAMPUS 1604); _____ (DOWNTOWN)

TEXTBOOK: 1) Human Anatomy and Physiology Laboratory, Custom Edition by Elaine N. Marieb
2) Supplemental Material (can be obtained from WebCT by using your WebCT ID)

COURSE OBJECTIVE: The objective of this course is to provide you with a basic understanding of the physiological processes in human systems employing methods and instruments of biological research. Concurrent enrollment in AHS 2103 is recommended.

COURSE OUTLINE: Please see attached sheet

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

<i>Grade to be allocated</i>		
A = 90 or more	Quiz	25%
B = 80 – 89	Lab Report	20%
C = 70- 79	Mid Term	25%
D = 60 – 69	Finals	25%
F = less than 60	Class participation	5%
	Total	100%

EXAMINATION SCHEDULE: Examination time will be announced later.

Midterm Exam: Monday, Oct 15th, 2007; Wednesday Oct 17th, 2007

Final Exam: Monday, Nov 26th, 2007 Wenesday Nov 28th, 2007

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 makeup quizzes. Make-up examinations are given only under certain extenuating circumstances and are generally more difficult than the regularly scheduled exams. Please see attached policy sheet for details.

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)

**AHS 2111-HUMAN PHYSIOLOGY LABORATORY
COURSE OUTLINE**

DATE	EXPERIMENT	CH.	NOTES
M 8/27/07 W 8/29/07	INTRODUCTION TO THE POWER LAB	<i>1 & Supp</i>	
M 9/3/07 W 9/5/07	LABORDAY HOLIDAY		NO LAB MEETING
M 9/10/07 W 9/12/07	THE CELL: TRANSPORT MECHANISMS AND CELL PERMEABILITY	2	Quiz 1
M 9/17/07 W 9/19/07	HORMONAL ACTION-Effects of hyperinsulinism	3	Quiz 2
M 9/24/07 W 9/26/07	HUMAN REFLEX PHYSIOLOGY Somatic and Autonomic Reflexes	4	Quiz 3
M 10/1/07 W 10/3/07	SPECIAL SENSES: Vision	5	Quiz 4
M 10/8/07 W 10/10/07	GENERAL SENSATION—Cutaneous SPECIAL SENSES: Hearing and Equilibrium	6 7	Quiz 5
M 10/15/07 W 10/17/07	MIDTERM	—	
M 10/22/07 W 10/24/07	SKELETAL MUSCLE PHYSIOLOGY Contraction of the frog Gastrocnemius muscle	<i>11 & supp.</i>	No quiz
M 10/29/07 W 10/31/07	ELECTROCARDIOGRAPHY HUMAN CARDIOVASCULAR PHYSIOLOGY	<i>9,10 Suppl</i>	Quiz 6
M 11/5/07 W 11/7/07	MUSCULAR ACTIVITY II: Stimulation of Motor Points in Humans	8	Quiz 7
M 11/12/07 W 11/14/07	RESPIRATORY SYSTEM PHYSIOLOGY Mechanics of Respiration	<i>12 & Suppl</i>	Quiz 8
M 11/19/07 W 11/21/07	-RESPIRATORY SYSTEM PHYSIOLOGY (part 2) Mechanics of Respiration -URINALYSIS: Specific gravity AND Labstix test	12 13	Quiz 9
M 11/26/07 W 11/28/07	<i>Final Exam</i>		

-Please note that the instructor reserves right to change the sequence of experiments if required.