HUMAN PHYSIOLOGY - BIO 246

Laboratory Syllabus

Spring 2008

 Laboratory:
 Lab 01: Th 1200 - 1400 h

 Lab 02: Th 1400 - 1600 h
 LDB (Room 109)

Dr. William I. Lutterschmidt Department of Biological Sciences Lee Drain Building, Room 114A Email: lutterschmidt@shsu.edu

Required Textbook:

Instructor:

Lutterschmidt, W.I. and D.I. Lutterschmidt. 2008. Laboratory Exercises in Human Physiology: A Clinical and Experimental Approach, 2nd Edition. McGraw-Hill Co. Pp. 224.

Week	Date	Торіс	Laboratory Readings
1	1-17	No Laboratory	
2	1-24	Introduction to Ph.I.L.S. Scientific Investigation (Evans Complex - Room 360)	Laboratory 1
3	1-31	Homeostasis	Laboratory 2
4	2-7	Diffusion, Osmosis, and Tonicity	Laboratory 3
5	2-14	Enzyme Activity	Laboratory 4
6	2-21	Action Potentials	Laboratory 5
7	2-28	Reflexes	Laboratory 6
8	3-6	Sensory Physiology	Laboratory 7
9	3-13	SPRING BREAK	
10	3-20	Functional Anatomy of Muscle and Mechanics of Contraction	Laboratory 8
11	3-27	Physiology of Muscle Contraction	Laboratory 9
12	4-3	Endocrine Physiology	Laboratory 10
13	4-10	Cardiovascular Physiology	Laboratory 11
14	4-17	Physiology of Blood	Laboratory 12
15	4-24	Respiratory Physiology	Laboratory 13
16	5-1	Metabolic Rate	Laboratory 15

Syllabus

LABORATORY GRADE

Laboratory Quizzes (5 worth 20 points each)	100 points	
Laboratory Reports (2 worth 20 points each)	40 points	
Group Laboratory Paper	50 points	
Participation	10 points	
Total Laboratory Grade	200 points	(25.0% of Course Grade)