

West Valley College

Biology 48 - Human Physiology

Spring 2012

Instructor: Christine Peters-Stanton
 Section: Bio 48 : 15917: 15918
 Lecture: TTh 7:45- 9:10 (SM34)
 Lab: TTh 9:20 – 12:30; 12:50 – 4:00 (SM52)

Office : SM 55G
 Office Hrs : TTh 7:15 – 7:30am, 4:00 – 5:00pm
 Phone : 741-2626 (Please leave a message)
 Email : christine.peters@west valley.edu

Tentative Lecture Schedule :

Wk.	Dates	#	Topics	Reading Assignment
1	1/31	1	Intro / Homeostasis / Chemistry	1: 4-10, 2: 26-3, 6:134-140
	2/2	2	Organic Chemistry	2: 31-45
2	2/7	3	Membrane Structure /Transport	3: 52-56, 6: 132 – 147
	2/9	4	Membrane Transport / Energy & Enzymes	6: 132 – 147, 4: 90-101
3	2/14	5	Enzymes / Cellular Respiration	4: 90-101, 5: 108-125
	2/16	6	Cellular Respiration / Metabolism	5: 108-125
4	2/21	7	Metabolism	5: 108-125
	2/23	8	Muscle Physiology	12: 348-370
5	2/28*	9	Muscle Physiology	12: 348-370
	3/1	10	Muscle Physiology / Membrane	12: 348-370; 6: 147-150
6	3/6	11	Action Potential	6: 147-150, 7:172-179
	3/8	12	Action Potential / Synapse	7:179-196
7	3/13	13	Neurotransmitters	7:179-196
	3/15	14	Neurotransmitter Mechanisms	7:179-196, 9: 236-252
8	3/20	15	Neurotransmitter / Somatic Nervous Sys.	9: 236-252
	3/22	16	Somatic/ Autonomic Nervous System	9: 236-252
	3/26 – 3/30		Spring Break –No School	
9	4/3*	17	Hematology / Hemostasis	13: 390-402
	4/5	18	Cardiovascular Physiology	13: 402-414, 14: 434-438
10	4/10	19	Cardiovascular Physiology	14: 434-438
	4/12	20	Cardiovascular Physiology	14: 434-438, 14: 438-442
11	4/17	21	Cardiovascular Physiology	14: 434-438, 14: 438-442
	4/19	22	Respiratory Physiology	14: 434-438, 14: 438-442
12	4/24	23	Respiratory Physiology	15: 512 - 525
	4/26*	24	Respiratory Physiology	16: 525 - 550
13	5/1	25	Renal Physiology	16: 525 - 550
	5/3		Renal Physiology	17: 560-570; 17: 560-591
14	5/8	26	Renal Physiology	17: 560-591, 14: 441-445
	5/10	27	Fluid Balance	17: 560-591, 14: 441-445
15	5/15	28	Endocrine System	11: 306-336
	5/17	29	Endocrine System	11: 306-336
16	5/24**	Thurs.	Final Lecture Exam	Morning : 8:40- 11:40 Afternoon: 12:40- 3:40