

Unit	Topics	Text	Spring 2012:Campbell	7th Edition	
			Problems	Exam Date	
<b>1</b>	Introduction/ Cell	Chap 1.2 to 1.6 1.9, 1.11	2,3,19	Exam 1 Fri Feb 17	
	Water/Buffers	Chap 2-All sections	1,5 to 7,11,13,15,to 18, 21 to 25, 30,38 to 40, 41,52		
	Amino acids/ Peptides/proteins	Chap 3-all sections	3 to 5,7 10,16,21,21,23,42,48		
	Myoglobin/ Hemoglobin	Chap 4.1 to 4.5	1,5,7,8,19,23,24,27,29,32 to 37		
	<b>2</b>	Enzymes	Chap 6.1 to 6.4, 6.6, 6.7	2,14,30 to 33,43,45,50,51	Exam 2 Mon March 19
			Chap 7.1,7.3,7.4		
	Co-Enzymes	Chap 7.8	56,57,58		
	Electron Transport Chain Oxidative Phosphorylation	Chap 20-all sections	1,2,9 to 11,15,17,18,20,21,33, 35,38,40 to 42, 46		
<b>3</b>	Carbohydrates	Chap 16.1 to 16.4	1 to 3,7, 12,15,17,18,20,24,26,29	Exam 3 Fri April 13th	
	Glycolysis	Chap 17-all sections	1,2,3,5,7,13,15,to 17,19,27, 30 to 32,37,38,41,42,44,46,47		
	Gluconeogenesis	Chap 18.2	21,23		
	Glycogen metabolism	Chap 18.1 and 18.3 Chap 24.4	1,2,4,5,6,9 to 12,15 17,19, 26 to 29,33,36,37,38, page 713-14 #39,40,47,48		
	Hexose monophosphate shunt	Chap 18.4	40,42,44,48		
	<b>4</b>	Pyruvate Dehydrogenase Complex	Chap 19.1 to 19.3	1 to 10, 12	Exam 4 Fri May 4
		Citric Acid Cycle	Chap 19.4 to 19.9	16,19, to 22, 23,24,30 to 35,45, 46,51 and page 589 #49	
	Transamination and oxidative deamination	Chap 23.4 page 659 to 661	10,11		
	Urea cycle	Chap 23.6 page 666- 670	232,23,26,27,30		
	Lipids	Chap 8.1, 8.2	1 to 3, 7,9 to 11,15,46,49		
	Lipid metabolism	Chap 21.1 to 21.6	4,8,10,12,13,23,24,27 to 34,37		
		Cummulative Final	Wednesday May 9: 8-10am		