

Lecture			BSCI223 Spring 2007 Course Schedule						
#	date	Topic	Bauman Chapter	Pak Due Dates 6:00pm	Assignment Due Dates	Lab #	Lab Date	Lab Title	Lab report due
<b>Module 1</b>									
1	Jan 25	Introduction/ Importance of the Microbial World	1					no lab	
2	Jan 30	History of Microbiology Prokaryotic cell Structure	1,3		Tech Quiz due 1/30 by 11:59 PM			no lab	
3	Feb 1	Microscopy	4	Case 1 intro		1	1/31, 2/1	Leeuwenhoek's beasties	
4	Feb 6	Structure/function in Prokaryotes and Eukaryotes <i>Last day to drop without a W</i>	3	PAK 1.1 due 2/5			2/5, 2/6	Leeuwenhoek's beasties continued	
5	Feb 8	Microbial Growth	6			2	2/7, 2/8	Staining and streaking	1
6	Feb 13	Microbial Growth/Control	9	PAK 1.2 due 2/12			2/12, 2/13	Staining and streaking continued	
7	Feb 15	Microbial Nutrition			Phylogenetic Report due in lab	3	2/14, 2/15	Morphological characteristics	2
8	Feb 20	Microbial Metabolism	5	PAK 1.3 due 2/19		4	2/19, 2/20	Cultivation of bacteria	
9	Feb 22	Microbial Ecology	26			5	2/21, 2/22	Bacterial Metabolism	3
10	Feb 27	Environmental Microbiology	11		Phenotypic analysis due in lab, Image check		2/26, 2/27	Assignment 1 work	4
<b>Module 2</b>									
11	Mar 1	Antibiotics	10	PAK1.4 due in lab	Asg 1 due, posted on 3/1 by 11:59 pm	6	2/28, 3/1	Antimicrobial agents and antibiotics	5
	Mar 6	<b>Exam 1 (lectures 1-10)</b>				7	3/5, 3/6	Bacterial Growth	
12	Mar 8	Bacterial Genetics Information flow	7	Case2 intro			3/7, 3/8	Bacterial growth continues	6
13	Mar 13	Bacterial Genetics, Mutation, horizontal gene transfer	7	PAK 2.1 due 3/12			3/12, 3/13	<b>Lab Midterm (Labs 1-6) on line at CSS</b>	
14	Mar 15	Regulation of gene expression	7		Asg2 post #1 due 3/16, 11:59 pm	8	3/14, 3/15	Phenotype/ Genotype	7
<b>SPRING BREAK</b>									
15	Mar 27	Application of Bacterial Genetics	8	PAK 2.2 due 3/26	Asg2 post 2 due 3/28, 11:59pm	9	3/26, 3/27	Enzyme induction	
16	Mar 29	Viruses 1, Overview	13		Asg2 post 3 due 3/29, 11:59pm	10	3/28, 3/29	UV and High Temp	9
17	Apr 3	Bacteriophage	13	PAK 2.3 due 4/2	Asg2 post 4 due 4/3, 11:59pm	11	4/2, 4/3	Bacterial transformation	
18	Apr 5	Animal/Plant Viruses	13		Asg2 Summaries due in lab		4/4, 4/5	Bacterial transformation continued Asg2 discussion	8
<b>Module 3</b>									
19	Apr 10	Host/Microbe Interactions- <i>Last day to Withdraw</i>	14	Case 3 intro	Asg 2 due, posted by 11:59pm, 4/10	12	4/9, 4/10	Titration of Phage	10, 11
	Apr 12	<b>Exam 2 (lectures 11-18)</b>				13	4/11, 4/12	<b>Gram Positive cocci</b>	
20	Apr 17	Epidemiology	14				4/16, 4/17	Gram Positive cocci continued	12
21	Apr 19	Host Defenses 1	15	PAK 3.1 due 4/18		14	4/18, 4/19	Analysis of an Outbreak	
22	Apr 24	Host Defenses 2	16	PAK 3.2 due 4/23			4/23, 4/24	Lab 14 continues	13
23	Apr 26	Host Defenses 3	17	PAK 3.3 due 4/25			4/25, 4/26	Lab 14 continues	
24	May 1	Selected Pathogens	pp535-539			15	4/30, 5/1	Make yogurt Lab 14 continues	
25	May 3	HIV an other STD's	Pp564-567, 601-609, 692-695, 715-724		Course Evaluations		5/2, 5/3	Lab 14 presentations, Eat Yogurt	
26	May 8	Food Microbiology	26				5/7, 5/8	<b>Lab Final (All Labs) online at CSS</b>	
27	May 10	Wastewater treatment	26						
	May 17	10:30 – 12:30	<b>Final Exam, In the Tydings lecture hall</b>						