

BSCI223 SPRING 2006 Course Schedule

Lecture			Case	Assignments	Lab				
Lec #	Lec date	Lec Topic	Text Chapter	Due Dates 6:00pm	Due Dates	Lab #	Lab Date	Lab Title	LR due
Module 1									
1	26-Jan	Importance of the Microbial world	1				1/25,26	no lab	
2	31-Jan	Key Figures of Micb Prokaryotic Architecture	2				1/30,31	no lab	
3	2-Feb	Prokaryotic Architecture	2	Case 1 intro		1	2/1,2	Leeuwenhoeks Beasties	
4	7-Feb	<i>Structure/Function. Last day to Drop/Add is 2/7</i>	4	PAK 1.1 due 2/6	Tech Quiz due 2/7		2/6,7	Leeuwenhoeks Beasties	
5	9-Feb	Microbial growth	6			2	2/8,9	Staining and Streaking	1
6	14-Feb	Control of microbial growth	20.1-20.4	PAK 1.2 due 2/13			2/13,14	Continued	
7	16-Feb	Microbial Nutrition	5		Phylogenetic Report due in lab	3	2/15,16	Morphological Characteristics	
8	21-Feb	Microbial Metabolism	17	PAK 1.3 due 2/20		4	2/20,21	Cultivation of bacteria	2
9	23-Feb	Microbial Ecology	18			5	2/22,23	Bacterial Metabolism	3
10	28-Feb	Environmental Microbiology	19		Phenotypic Analysis due in lab, Image check		2/27,28	Assignment 1 work	4,5
11	2-Mar	Antibiotics	20.5-20.13	PAK1.4 due in lab	Asg 1 post by 11:59 pm, 3/2	6	3/1,2	Antimicrobial Agents and Antibiotics	
	7-Mar	Exam 1 (lectures 1-10)				7	3/6,7	Bacterial Growth	
Module 2									
12	9-Mar	Bacterial Genetics 1	10	Case2 intro			3/8,9	Lab7 continues	6
13	14-Mar	Bacterial Genetics 2	10		Asg2 intro post due 3/14 11:59pm		3/13,14	Lab Midterm (Labs 1-6) on-line at CSS	
14	16-Mar	Bacterial Genetics 3	8	PAK 2.1 due 3/13	Asg2 post 1 due, 3/16 11:59pm	8	3/16,17	Phenotype Genotype	7
	3/20-3/24	Spring Break						No Lab	
15	28-Mar	Applications of Bacterial Genetics	15, 31		Asg2 post 2 due 3/28, 11:59pm	9	3/27,28	Lab 8 continues Enzyme Induction	
16	30-Mar	Viruses 1, Overview	16	PAK 2.2 due 3/27	Asg2 post 3 due 3/30, 11:59pm	10	3/29,30	Lab 8 continues UV and High Temp	9
17	4-Apr	Viruses 2, Bacteriophage	16		Asg2 post 4 due 4/4, 11:59pm	11	4/3,4/4	Lab 8 continues <i>Agrobacterium</i> Transfer	
18	6-Apr	Viruses 3, Animal/Plant	16	PAK 2.3 due 4/3	Asg2 Summaries due in lab		4/5,6	<i>Agrobacterium</i> Transfer Asg2 discussion	10
19	11-Apr	Host/Microbe Interactions (<i>last day to drop with W</i>)	21			12	4/10,11	Titration of Phage	8
	13-Apr	Pathogenic Microbiology and Epidemiology	25		Asg 2 due, posted 11:59pm, 4/12	13	4/12,13	Gram Positive cocci	
Module 3									
20	18-Apr	Exam 2 (lectures 12-18)					4/17,18	Lab 13 continues	12
21	20-Apr	Host Defenses 1	22	Case 3 intro		14	4/19,20	Analysis of an Outbreak	13
22	25-Apr	Host Defenses 2	23	PAK 3.1 due 4/24			4/24,25	Lab 14 continues	
23	27-Apr	Host Defenses 3	24				4/26,27	Lab 14 continues	
24	2-May	Selected Pathogens	TBA	PAK 3.2 due 5/1			5/1,2	Lab 14 continues	
25	4-May	HIV and other STD's	26.12-26.14		Course Evaluations		5/3,4	Lab 14 presentations	11
26	9-May	Food Microbiology	29	PAK 3.3 due 5/8			5/8,9	Lab Final (All Labs) on-line at CSS	
27	11-May	Water and Industrial Micb	28,30				5/10,11	no lab	
	18-May	Final 10:30-12:30 --Cumulative							