

Honors General Microbiology BSCI223H SPRING 2007 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	25-Jan	Introduction / Importance of the Microbial World	1					no lab	
2	30-Jan	History of Microbiology Prokaryotic Cell Structure	1, 3		Tech Quiz due 1/30 by 11:59 PM			no lab	
3	1-Feb	Microscopy	4	Case 1 intro		1	1-Feb	Leeuwenhoeks Beasties	
4	6-Feb	Structure / Function in Prokaryotes & Eukaryotes <i>Last day to drop w/o a W</i>	3	PAK 1.1 due 2/5			6-Feb	Leeuwenhoeks Beasties Cont'd	
5	8-Feb	Microbial Growth	6			2	8-Feb	Staining and Streaking	1
6	13-Feb	Microbial Growth / Control	9	PAK 1.2 due 2/12			13-Feb	Staining and Streaking Cont'd	
7	15-Feb	Microbial Nutrition			Phylogenetic Report due in lab	3	15-Feb	Morphological Characteristics	2
8	20-Feb	Microbial Metabolism	5	PAK 1.3 due 2/19		4	20-Feb	Cultivation of Bacteria	
9	22-Feb	Microbial Ecology	26			5	22-Feb	Bacterial Metabolism	3
10	27-Feb	Environmental Microbiology	11		Phenotypic Analysis due in Lab		27-Feb	Assignment 1 Work	4
11	1-Mar	Antibiotics	10	PAK 1.4 Due in Lab	Asg 1 Post by 11:59 pm on 3/1	6	1-Mar	Antimicrobial Agents and Antibiotics	5
	6-Mar	Exam 1 (lectures 1-10)				7	6-Mar	Bacterial Transformation	
Module 2									
12	8-Mar	Bacterial Genetics Information Flow	7	Case 2 intro			8-Mar	Bacterial Transformation Cont'd	6
13	13-Mar	Bacterial Genetics Mutation & Horizontal Gene Flow	7	PAK 2.1 due 3/12			13-Mar	Lab Midterm (Labs 1-6) on-line at CSS	
14	15-Mar	Regulation of Gene Expression	7		Asg 2 Post #1 due 3/16 by 11:59 PM	8	15-Mar	Enzyme Induction	7
	3/19-3/23	Spring Break						No Lab	
15	27-Mar	Applications of Bacterial Genetics	8	PAK 2.2 due 3/26	Asg 2 Post #2 due 3/28 by 11:59 PM	9	27-Mar	Micropipetting Colors	8
16	29-Mar	Viruses 1, Overview	13		Asg 2 Post #3 due 3/29 by 11:59 PM	10	29-Mar	Biotech Lab Bacterial Growth Curve (BSF)	9
17	3-Apr	Bacteriophage	13	PAK 2.3 due 4/2	Asg 2 Post #4 due 4/3 by 11:59 PM		3-Apr	Biotech Lab Cont'd	
18	5-Apr	Animal/Plant Viruses	13		Asg 2 Summaries Due in Lab		5-Apr	Biotech Lab Gel Electrophoresis (BSF)	
19	10-Apr	Host/Microbe Interactions <i>(last day to drop with W)</i>	14	Case 3 intro	Asg 2 Post by 11:59 PM on 4/10		10-Apr	Biotech Lab Cont'd	
	12-Apr	Exam 2 (lectures 11-18)				11	12-Apr	Gram Positive Cocci	
Module 3									
20	17-Apr	Epidemiology	14				17-Apr	Gram Positive Cocci Cont'd	10
21	19-Apr	Host Defenses 1	15	PAK 3.1 due 4/18		12	19-Apr	Clinical Investigation Lab	11
22	24-Apr	Host Defenses 2	16	PAK 3.2 due 4/23			24-Apr	Clinical Investigation Lab Cont'd	
23	26-Apr	Host Defenses 3	17	PAK 3.3 due 4/25	Asg 2 Debate 4/27 to 5/2		26-Apr	Clinical Investigation Lab Cont'd	
24	1-May	Selected Pathogens	p. 535-539				1-May	Make Yogurt & Clinical Investigation Lab Cont'd	

25	3-May	HIV and other STD's	p. 564-567, 601-609, 692-695, 715-724		Course Evaluations		3-May	Eat Yogurt & Clinical Investigation Lab Cont'd
26	8-May	Food Microbiology	26				8-May	Clinical Investigation Lab Cont'd
27	10-May	Wastewater Treatment	26				10-May	Asg 3 Presentations
	17-May	Final 10:30-12:30 --Cumulative Final in Tydings Lecture Hall						