

BIOL 201 Tentative class schedule Fall 2007

Week	Date	Lecture	Nester chapters	Lab date	Lab topics	Benson exercise #
1	09/04	Introduction, History of microbiology	1	T/W	Check-in; lab safety; aseptic technique; pure culture Exponents worksheet assigned	9, 10
	09/06	Bacterial cell structure I	3	R/F	Microscopy; negative stain; smear prep.; simple stain	1, 11, 12, 13
2	09/11	Bacterial cell structure II; Taxonomy; Eukaryotic cell structure	3, 10	T/W	Gram stain; capsule stain; spore stain Quiz 1; Exponents worksheet DUE	14, 15, 16
	09/13	Bacterial Growth	4	R/F	Bacterial population counts, Dilutions Dilutions worksheet assigned	22
3	09/18	Control of growth; Antibiotics Disease Definition I assigned	4, 5, 21	T/W	Bacterial population counts II; Growth curve	22
	09/20	Metabolism I	6	R/F	Disinfectants; antiseptics; antibiotics Dilutions worksheet DUE	36, 37, 38
4	09/25	Metabolism II Disease Definition I DUE	6	T/W	Environmental effects	29, 31, 32
	09/27	EXAM I		R/F	Yogurt Quiz 2	
5	10/02	Bacterial genetics I	8	T/W	Conjugation	
	10/04	Bacterial genetics II	8	R/F	Antibiotic resistance I	
6	10/09	Host-microbe interactions Disease Definition II assigned	19	T/W	Antibiotic resistance II	
	10/11	Epidemiology	20	R/F	Antibiotic resistance III; Simulated epidemic Quiz 3	
7	10/16	Immunity Disease Definition II DUE	15, 16, 17	T/W	Antigen/antibody interactions	
	10/18	Immune disorders	18	R/F	NO LAB-mid semester break	
8	10/23	EXAM 2		T/W	Oxidation and Fermentation reactions	41
	10/25	Skin & wound infections Coming Plague assigned	22, 23	R/F	Hydrolytic reactions; miscellaneous biochemical rxns. Quiz 4	42
9	10/30	Respiratory infections I Disease Definition III assigned	24	T/W	<i>Staphylococcus</i> and <i>Streptococcus</i>	70, 71
	11/01	Respiratory infections II	24	R/F	<i>Enterobacteriaceae</i> ; Water quality (coliforms)	61, 72
10	11/06	Digestive infections I Disease Definition III DUE	25	T/W	Water quality; Begin unknowns	
	11/08	Digestive infections II	25	R/F	Unknowns Quiz 5; Flow chart DUE	
11	11/12	Genitourinary infections	26	T/W	Unknowns	
	11/15	Nervous system, blood, lymph infections	27, 28	R/F	Unknowns	
12	11/20	Biotechnology	9	T/W	NO LAB	
	11/22	NO LECTURE Coming Plague DUE		R/F	NO LAB	
13	11/27	Viruses	14	T/W	Case study I Unknown Report DUE	
	11/29	HIV/AIDS	29	R/F	Case study II	
14	12/04			T/W	Review for practical exam Disease diagnosis DUE	
	12/06			R/F	Practical exam	
	12/10	EXAM 3 10am-11:50am				

