

Session 1

Textbook: Microbiology Fundamentals: A Clinical Approach Lab Manual 4th Edition					
LAB PERIOD	DATES	Days	LAB Manual Ex. #	Title of Exercise	Record Results
1	1/9-1/10	MT	1	Introduction to Lab and Course Materials Use of the Microscope-3 forms of bacteria	Ex 1
2	1/11 -1/12	WR	4,5	Microbial Phototrophs Protozoa	Ex 4 & 5
	1/16-1/17	MT		LAB CLOSED: MLK Holiday on 1/16	
3	1/18 -1/19	WR	6 & 7	Fungi Hanging Drop Demonstration	Ex 6 & 7
4	1/23 - 1/24	MT	2	Aseptic Technique	
5	1/25 - 1/26	WR	9 & 10	Negative Staining Capsule staining	Ex 9 & 10
6	1/30- 1/31	MT	12 & 13	Acid Fast Staining Endospore Staining	Ex 12, 13
7	2/1 - 2/2	WR	11 & 14	Gram Staining Blood Agar	Ex 11
8	2/6 - 2/7	MT	35	Written Exam 1 (labs 1-6) Rapid Immunoassay from Blood Agar	Ex 14 & 35
9	2/8 - 2/9	WR	15, 16 & 17	Mannitol Salt Agar Eosin Methylene Blue MacConkey Agar Test	
10	2/13 - 2/14	MT	18 & 19	Osmotic Pressure Chemical Content of Media	Ex. 15, 16 & 17
11	2/15 - 2/16	WR	20 & 23	Standard Plate Count Aerotolerance	EX 18 & 19
12	2/20 - 2/21	MT	24 & 25	Antimicrobial Susceptibility UV Light Control	Ex. 20 & 23
13	2/22 - 2/23	WR	27 & 28	DNA Fingerprinting Bacterial Transformation	Ex. 24 & 25
14	2/27 - 2/28	MT		Review for Midterm Practical	Ex. 27 & 28
15	3/1 - 3/2	WR		Midterm Practical Exam(Labs 1-13)	
				College Closed	
	3/6 - 3/12			SPRING BREAK	

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16	3/13 - 3/14	MT	29, 31, & 3	Parasitic Protozoa Vectors of Disease Isolation Streak Plate	Ex. 29 & 31
17	3/15 - 3/16	WR	30 & 50	Parasitic Worms Distribution of Unknown Organisms	Ex. 3 & 30
18	3/20 - 3/21	MT	33 & 34	Immunoprecipitation (Titer) Passive Agglutination Isolation of Unknown Organism	Ex. 34
19	3/22 - 3/23	WR	37, 39 & 49	Enteropluri Test Nitrate Test Distribution of Known Control Organisms	Ex. 33
20	3/27 - 3/28	MT	44 & 45	Phenol Red Triple Sugar Iron Agar Work on isolation of unknown	Ex. 37 & 39
21	3/29 - 3/30	WR		Written Exam 3 (Labs 16-20) Work on Unknown	Ex 44 & 45
22	4/3 - 4/4	MT	46	Litmus Milk Work on Unknown	record unknown results
23	4/5 - 4/6	WR	21 & 22	Catalase Oxidase Work on Unknown	Ex 21, 22 and record unknown results
24	4/10 - 4/11	MT	45	IMViC Work on Unknown	record unknown results
25	4/12 - 4/13	WR	41 & 48	Urease Gelatinase Work of Unknown	Ex. 45 and unknown results
26	4/17 - 4/18	MT	42 & 43	Starch Hydrolysis Casein Hydrolysis Work on Unknown	Ex 41, 46, & 48
27	4/22 - 4/23	WR		Final Practical Exam Review Complete Unknown Project	Ex. 42 & 43
28	4/24 - 4/25	MT		Written Exam 4 (Labs 22-27) Final Practical Exam (Labs 16-27)	

This lab schedule can be subject to change if the college closes or alters course schedules due to circumstances beyond the control of the college. Instructors will notify students of schedule changes through D2L ONLY if necessary. Students are responsible for attending all labs and staying aware of schedule changes through D2L and classroom announcements.