

Date	Week	Topic	Due Dates for <u>Pre-Lab Reading</u> and <u>Lab Reports</u>
Aug-24	W1	-Course Introduction -Discussion of Syllabus -Laboratory Safety Procedures -Metric System	
Aug-31	W2	-Microscopy -Survey of Microorganisms -Ubiquity of Microorganisms	- <u>Pre-Lab W2</u> (2-1, 3-1, 3-3, 3-4, 12-1, 12-3, 12-4)
<u>Sept-7</u>	<u>W3</u>	<i>Holiday (Labor Day)</i>	- <i>Lab Report 1</i> (Metric System)
Sept-14	W4	-Cultural Characteristics of Microorganisms -Aseptic Techniques -Pure Culture Techniques -Preparation of Bacterial Smear, -Simple Stain	- <u>Pre Lab Week 4</u> (1-3, 1-4, 2-2 to 2-4, 3-5)
<u>Sept-21</u>	<u>W5</u>	-Differential Stains ---Gram stain ---Acid-Fast stain (Kinyoun Method) -Unknown Sample Project (beginning)	- <u>Pre-Lab Week 5</u> (3-7, 3-8) - <i>Lab Report 2 (Microscopy)</i>
Sept-28	W6	-Special Stains ---Endospore Stain ---Capsule Stains -Unknown Sample Project (cont)	- <u>Pre-Lab Week 6</u> (3-9, 3-10) - <i>Lab Report 3</i> (Diversity/Ubiquity) - <i>Lab Report 4</i> (Aseptic/Pure Cultures)
Oct-5	W7	-Physiological Characteristics: ---Oxidation and Fermentation ---Hydrolytic and Degradation Reactions ---Differential media -Unknown Sample Project (cont)	- <u>Pre-Lab Week 7</u> (5-2 to 5-9, 5-11, 5-12 to 5-18, 5-20 to 5-23) - <i>Lab Report 5</i> (Smear/Stains) - <i>Lab Report 6</i> (Dichotomous Key)

Oct-12	W8	-Physiological Characteristics (cont) -Miniaturized multi-test systems -Unknown Sample Project (cont)	- <u>Pre-Lab Week 8</u> (5-29, 5-30)
<u>Oct-19</u>	<u>W9</u>	-Mid-Term Exam (100 points) -Unknown Sample Project (cont)	
Oct-26	W10	-Cultivation of Anaerobes -Bacterial Motility -Unknown Sample Project (cont)	- <u>Pre-Lab Week 10</u> (2-7, 2-8, 3-12, 5-28) - <i>Lab Report 7</i> (Biochemical Tests) - <i>Lab Report 8</i> (Miniat. multi-tests)
Nov-2	W11	-Enumeration of Bacteria -Bacterial Growth Curve -Cultivation of Anaerobes (cont) -Bacterial Motility (cont) -Unknown Sample Project (cont)	- <u>Pre-Lab Week 11</u> (1-5, 6-1, 6-4)
Nov-9	W12	-Bacteria Growth Curve (cont) -Effects of Temperature -Effect of UV -Effect of Chemicals -Unknown Sample Project (cont)	- <u>Pre-Lab Week 12</u> (2-9, 2-13, 2-14, 7-3) - <i>Lab Report 9</i> (Anaerobes) - <i>Lab Report 10</i> (Motility)
Nov-16	W13	-Effect of Temperature (cont) -Effect of UV (cont) -Effect of Chemicals (cont) -Isolation of Staphylococci -Isolation of Streptococci -Bacterial Examination of Food -Bacterial Examination of Water -Unknown Sample Project (cont)	- <u>Pre-Lab Week 13</u> (7-8, 5-16, 5-25 to 5-27) - <i>Lab Report 11</i> (Bact. Growth Curve)
Nov-23	W14	-Isolation of Staphylococci (cont) -Isolation of Streptococci (cont) -Bacterial Examination of Food (cont) -Bacterial Examination of Water (cont) -Unknown Sample Project (testing must be completed)	- <u>Pre-Lab Week 14</u> (8-13) - <i>Lab Report 13</i> (Effect of Temp/UV) - <i>Lab Report 14</i> (Effect of Chemicals)
Nov-30	W15	-ABO blood typing -Immunological Identification of bacteria -Unknown Sample Project Paper Deadline	- <u>Pre-Lab Week 15</u> (11-4, 11-5) - <i>Lab Report 15</i> (Bacteria in Food and Water)
Dec-7	W16	-Final Exam -Lab Clean-up	