

## BIO 208 MICROBIOLOGY - Tentative Laboratory Schedule

Date	Laboratory Activity
<b>January</b>	<b>Unit 1. Microbes Are Everywhere</b>
M,T - 12,13	Laboratory Check-in. Start Exercise 1 - Microbes Are All Around Us.
W,R - 14,15	Finish Exercise 1. Start Exercise 2 - Making Media.
<i>M,T - 19,20</i>	<i>Martin Luther King Jr. Holiday – no labs Monday or Tuesday</i>
W,R - 21,22	Finish Exercise 2 and collect Exercises 1 and 2. Start and complete Exercise 3 - Observing Microbes.
M,T - 26,27	<b>Quiz 1 Labs 1-4.</b> Collect Exercise 3. Start/complete Exercise 4 - Aseptic Technique and Simple Staining.
W,R - 28,29	Collect Exercise 4. Start Exercise 5 - The Gram Stain Technique.
<b>Feb</b>	Collect Exercise 5. Start and complete Exercise 6 - Acid-Fast and Structural Stains.
M,T - 2,3	TAs ✓ Exercise 6 but will not collect. All graded exercises will be returned. <i>End Material For Test 1 (covers labs 1-6).</i>
W,R - 4,5	<b>Unit 2. How Do Microbes Grow?</b> Start Exercise 7 - Culturing Bacteria.
M,T - 9,10	Complete and collect Exercise 7.
W,R - 11,12	Start Exercise 8 - Control of Microbial Growth.
M,T - 16,17	Complete and collect Exercise 8.
W,R - 18,19	<b>Quiz 2 Labs 5 - 8.</b> Start Exercise 9 - Enzyme Action and Carbohydrate Catabolism
M,T - 23,24	Complete and collect Exercise 9. Start Exercise 10 - Using Metabolic End Products.
W,R - 25,26	Complete and collect Exercise 10. Start Exercise 11 - Respiration.
<b>March</b>	Complete and collect Exercise 11.
M,T - 2,3	<i>End Material For Test 2 (covers labs 7-11)</i>
R,W - 4,5	Start, complete, and collect Exercise 12 - Autotrophy.
M,T - 9,10	<i>Spring Break, no labs</i>
W,R - 11,12	
M,T - 16,17	<b>Unit 3. Microbial Genetics and Viruses</b> Start and complete Exercise 13 - Isolation of DNA. Start Exercise 14 - Electrophoresis of DNA.
W,R - 18,19	<b>Quiz 3 Labs 9-14.</b> Collect Exercise 13. Complete Exercise 14.
M,T - 23,24	Collect Exercise 14. Start Exercise 15 - Transfer of Genetic Information.
W,R - 25,26	Complete and collect Exercise 15. Start Exercise 16 - Bacteriophages.
M,T - 30,31	Complete and collect Exercise 16 (returned W,R). <i>End Material for Test 3 (covers Labs 13-16).</i>
<b>April</b>	<b>Unit 4. Survey of Microbes in Health and Disease</b>
W,R - 1,2	Start Exercise 17 - Microbiology and the Food Industry.
M,T - 6,7	Complete Exercise 17. Start Exercise 18 - Microbial Ecology and Environmental Microbiology.
W,R - 8,9	Continue Exercise 18. Complete and Collect Part I - Microbes in the Soil.
M,T - 13,14	Start and Complete Exercise 19 - Disease Transmission. Complete and Collect Exercise 18 Part II - Bacteriological Analysis of Water Quality.
W,R - 15,16	<b>Quiz 4 Labs 15-18.</b> Start Exercise 20 - Microbes of the Skin.
M,T - 20,21	Complete/Collect Ex.17 Part I . Complete/collect Ex. 20. Start Exercise 21 – Microbes/Respiratory Tract.
W,R - 22,23	Complete and collect Exercise 21. Start Exercise 22 - Urinalysis and Microbes of STIs.
M,T - 27,28	<b>Quiz 5 labs 19-22.</b> Collect Exercises 22. Laboratory checkout. All graded exercises can be picked up at your TAs office Friday May 1