

**Instructor:**

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Sections A and B: TBA

To request disability accommodations, please speak to the instructor after class or make an appointment by email.

\*Asterisk by date indicates that a Pre-Lab is due that day.

<b>Date</b>	<b>Topic</b>	<b>Pages</b>
Aug 27	<b>Course Introduction: Orientation, policies, safety practices</b>	i-xxv 1-23
Aug 29	<b>Introduction to Bacterial Pathogens: Basic lab skills</b>	6-23
Sep 3	<b>Basic lab skills</b>	
	<b>Exercise 1: Urinary Tract Infections</b>	24-40
*Sep 5	Day 1: Dipstick test; Gram stain; streak plate	
Sep 10	Day 2: Gram stain: oxidase test; biochemical tubes; Sensititre	
Sep 12	Day 3: Read results; streak for MBC test	
Sep 17	Day 4: Read MBC plates	
	<b>Lab Report due September 24</b>	
	<b><i>Post-Lab 1 Urinary Tract Infections: September 25</i></b>	
	<b>Exercise 2: Infections of Gram Positive Cocci</b>	41-66
*Sep 19	Day 1: Throat swab; Group A Strep test; streak BAP; check blood bottles	
Sep 24	Day 2: Gram stain; catalase and coagulase test; phage typing	
Sep 26	Day 3: Streptocard Strep test, E-tests; read phage typing results	
	<b>Lab Report due October 3</b>	
	<b><i>Post-Lab 2 Gram Positive Cocci: October 4</i></b>	
	<b>Exercise 3: Respiratory Tract Infections</b>	67-87
*Oct 1	Day 1: Gram stain; streak plates	
Oct 3	Day 2: Normal flora; read results; Gram stain; Enterotube; quad plate	
Oct 8	Day 3: Read results; read HAI plates	
	<b>Lab Report due October 15</b>	
	<b><i>Post-Lab 3 Respiratory Tract Infections: October 16</i></b>	
Oct 10	<b>EXAM 1: Introduction and Exercises 1 and 2</b>	

<b>Date</b>	<b>Topic</b>	<b>Pages</b>
	<b>Exercise 4: Gastrointestinal Tract Infections</b>	88-113
*Oct 15	Day 1: Streak plates; Gram stain	
Oct 17	Day 2: Score plates; streak plates; Gram stain; inoculate & perform tests	
Oct 22	Day 3: Gram stain; score plates & tests; inoculate biochemical tests	
Oct 24	Day 4: Score tests	
	<b>Lab Report due October 31</b> <i>Post-Lab 4 Gastrointestinal Tract Infections: November 1</i>	
	<b>Exercise 5: Transfer of Antibiotic Resistance Genes</b>	114-131
*Oct 29	Day 1: Mating of donor and recipient; quantitating plasmid transfer	
Oct 31	Day 2: Check conjugation; comparison of plasmids	
	<b>Lab Report due November 7</b> <i>Post-Lab 5 Transfer of Antibiotic Resistance: November 8</i>	
Nov 5	<b>Exam 2: Exercises 3 and 4</b>	
	<b>Exercise 6: Anaerobic Bacterial Infections</b>	132-155
*Nov 7	Day 1: Gram stain; streak plates	
Nov 12	Day 2: Read plate results; Gram stain; quad plate	
Nov 14	Day 3: Read results	
	<b>Lab Report due November 21</b> <i>Post-Lab 6 Anaerobic Bacterial Infections: November 22</i>	
	<b>Exercise 7: Sexually Transmitted Infections</b>	156-190
*Nov 19	Day 1: Read Gonorrhea, Chlamydia, RPR, HPV and HSV tests	
Nov 21	Day 2: Read HIV ELISA, Western blot, HBV tests	
	<b>Lab Report due December 5</b> <i>Post-Lab 7 STI: December 6</i>	
<b>Nov 25-29</b>	<b>THANKSGIVING HOLIDAY</b>	
	<b>Lab Practical Exam</b>	
Dec 3	Day 1: Gram staining; Streaking; Microscopy	
Dec 5	Day 2: Biochemical tests	
Dec 10	<b>Lab Cleanup</b>	
<b>Finals Week</b>	<b>Exam 3 (Final Exam) TBA: Exercises 5, 6 and 7</b>	