

Laboratory Schedule

Date (pt total)	Experiment	Lab Manual Pages
DAY 1 Mon Aug 26 Tu Aug 27	Course introduction 1: Streak plate; Spread plate; Simple stain, Day 1	I-XXIX 1-22
DAY 2 Wed Aug 28 Th Aug 29	1: Streak plate; Spread plate; Simple stain, Day 2 2: Gram stain; Acid-Fast stain; Spore stain; Negative stain; Capsule stain	23-24 28-42
Mon Sept 2 Tues Sept 3	Labor Day NO CLASS	
DAY 3 Wed Sept 4 Th Sept 5	3: Effectiveness of hand cleaners and RODAC plating, Day 1	46-55
DAY 4 Mon Sept 9 Tu Sept 10	3: Effectiveness of hand cleaners and RODAC plating, Day 2 4: Enzymes & Environmental Adaptations, Day 1	55-57 61-69
DAY 5 (13) Wed Sept 11 Th Sept 12	4: Enzymes & Environmental Adaptations, Day 2	69-71
DAY 6 (13) Mon Sept 16 Tu Sept 17	6: <i>Lactobacillus</i> fermentation of milk and Fermentation of cabbage, Day 1	89-101
DAY 7 (12) Wed Sept 18 Th Sept 19	6: <i>Lactobacillus</i> fermentation of milk and Fermentation of cabbage, Day 2	102-106
DAY 8 (13) Mon Sept 23 Tu Sept 24	6: <i>Lactobacillus</i> fermentation of milk and Fermentation of cabbage, Day 3 7: Biochemical Tests, Day 1	102-106 111-148

Date (pt total)	Experiment	Lab Manual Pages
DAY 9 (12) Wed Sept 25 Th Sept 26	6: <i>Lactobacillus</i> fermentation of milk and Fermentation of cabbage, Day 4 7: Biochemical Tests, Day 2	102-106 149-150
DAY 10 (26) Mon Sept 30 Tu Oct 1	6: <i>Lactobacillus</i> fermentation of milk and Fermentation of cabbage, Day 5 8: Enteric bacteria, Day 1	102-106 154-168
DAY 11 (46) Wed Oct 2 Th Oct 3	8: Enteric bacteria, Day 2	168-174
DAY 12 (47) Mon Oct 7 Tu Oct 8	8: Enteric bacteria, Day 3	168-174
DAY 13 (25) Wed Oct 9 Th Oct 10	8: Enteric bacteria, Day 4	168-174
DAY 14 (25) Mon Oct 14 Tu Oct 15	NO LABS	
DAY 15 (25) Wed Oct 16 Th Oct 17	8: Enteric bacteria, Day 5 9: Unknown Identification, Day 1	168-174 178-188
DAY 16 (17) Mon Oct 21 Tu Oct 22	8: Enteric bacteria, Day 6 9: Unknown Identification, Day 2	168-174 188-190

Date (pt total)	Experiment	Lab Manual Pages
DAY 17 (17) Wed Oct 23 Th Oct 24	9: Unknown Identification, Day 3	188-190
DAY 18 (17) Mon Oct 28 Tu Oct 29	9: Unknown Identification, Day 4	188-190
DAY 19 (17) Wed Oct 30 Th Oct 31	10: MIC/MBC determination and Antibiotic susceptibility, Day 1	194-207
DAY 20 (17) Mon Nov 4 Tu Nov 5	10: MIC/MBC determination and Antibiotic susceptibility, Day 2	208-209
DAY 21 (29) Wed Nov 6 Th Nov 7	10: MIC/MBC determination, Day 3	208-209
DAY 22 (29) Mon Nov 11 Tu Nov 12	11: Transposon Mutagenesis, Day 1	213-218
DAY 23 (30) Wed Nov 13 Th Nov 14	11: Transposon Mutagenesis, Day 2	219-224
DAY 24 (30) Mon Nov 18 Tu Nov 19	11: Transposon Mutagenesis, Day 3	219-224
DAY 25 (30) Wed Nov 20 Th Nov 21	12: Proline & Threonine auxotrophs; Prodigiosin cross-feeding; Arginine auxotrophs, Day 1	228-238
Sat Nov 23 to Sun Dec 1	Fall Break	

Date (pt total)	Experiment	Lab Manual Pages
DAY 26 Mon Dec 2 Tu Dec 3	12: Proline & Threonine auxotrophs; Prodigiosin cross-feeding; Arginine auxotrophs, Day 2	238-239
DAY 27 (42) Wed Dec 4 Th Dec 5	Lab Practical Review and Practice Lab clean up & drawer inventory	
DAY 28 (58) Mon Dec 9 Tu Dec 10	Lab Practical Exam	

Laboratory Assignment Schedule

Date	Assignment Due	Point Total
DAY 1 Mon Aug 26 Tu Aug 27	Nothing Due	
DAY 2 Wed Aug 28 Th Aug 29	Nothing Due	
Mon Sept 2 Tues Sept 3	Labor Day NO CLASS	
DAY 3 Wed Sept 4 Th Sept 5	Pre-lab 1: Aseptic Technique and Brightfield Microscopy Pre-lab 2: Staining Techniques in Microbiology Pre-lab 3: Fomites	10 points 10 points 10 points
DAY 4 Mon Sept 9 Tu Sept 10	Pre-lab 4: Enzymes and Environmental Adaptations Post-lab 1: Aseptic Technique and Brightfield Microscopy Post-lab 2: Staining Techniques in Microbiology	10 points 10 points 10 points
DAY 5 Wed Sept 11 Th Sept 12	Lab Report 2: Staining Techniques in Microbiology Post-lab 3: Fomites	30 points 10 points
DAY 6 Mon Sept 16 Tu Sept 17	Pre-lab 6: Bacterial Fermentation of Food Products Lab Report 3: Fomites Post-lab 4: Enzymes and Environmental Adaptations	10 points 45 points 10 points
DAY 7 Wed Sept 18 Th Sept 19	Lab Report 4: Enzymes and Environmental Adaptations	40 points
DAY 8 Mon Sept 23 Tu Sept 24	Pre-lab 7: Biochemical Tests and Their Use for Identification Purposes	10 points

Date	Assignment Due	Point Total
DAY 9 Wed Sept 25 Th Sept 26	Nothing Due	
DAY 10 Mon Sept 30 Tu Oct 1	Pre-lab 8: Enteric Bacteria Post-lab 7: Biochemical Tests and Their Use for Identification Purposes	10 points 10 points
DAY 11 Wed Oct 2 Th Oct 3	Post-lab 6: Bacterial Fermentation of Food Products Lab Report 7: Biochemical Tests and Their Use for Identification Purposes Growth Curve opens 8am	10 points 40 points
DAY 12 Mon Oct 7 Tu Oct 8	Lab Report 6: Bacterial Fermentation of Food Products	65 points
DAY 13 Wed Oct 9 Th Oct 10	Nothing Due	
Th Oct 10	Exam 1 Covers Labs 1-7	100 points
DAY 14 Mon Oct 14 Tu Oct 15	Growth Curve Due 8pm	50 points
DAY 15 Wed Oct 16 Th Oct 17	Pre-lab 9: Unknown Identification	10 points
DAY 16 Mon Oct 21 Tu Oct 22	Nothing Due	
DAY 17 Wed Oct 23 Th Oct 24	Post-lab 8: Enteric Bacteria	10 points
DAY 18 Mon Oct 28 Tu Oct 29	Lab Report 8: Enteric Bacteria	65 points

Date	Assignment Due	Point Total
DAY 19 Wed Oct 30 Th Oct 31	Pre-lab 10: Antibiotics, Antiseptics and Disinfectants Post-lab 9: Unknown Identification	10 points 10 points
DAY 20 Mon Nov 4 Tu Nov 5	Lab Report 9: Unknown Identification	55 points
DAY 21 Wed Nov 6 Th Nov 7	Nothing Due	
DAY 22 Mon Nov 11 Tu Nov 12	Pre-lab 11: Transposon Mutagenesis of <i>Serratia marcescens</i> Post-lab 10: Antibiotics, Antiseptics and Disinfectants	10 points 10 points
DAY 23 Wed Nov 13 Th Nov 14	Lab Report 10: Antibiotics, Antiseptics and Disinfectants	45 points
DAY 24 Mon Nov 18 Tu Nov 19	Nothing Due	
DAY 25 Wed Nov 20 Th Nov 21	Pre-lab 12: Auxotrophy Post-lab 11: Transposon Mutagenesis of <i>Serratia marcescens</i>	10 points 10 points
Sat Nov 23 to Sun Dec 1	Fall Break	
DAY 26 Mon Dec 2 Tu Dec 3	Lab Report 11: Transposon Mutagenesis of <i>Serratia marcescens</i>	50 points
DAY 27 Wed Dec 4 Th Dec 5	Post-lab 12: Auxotrophy Lab Report 12: Auxotrophy	10 points 35 points
DAY 28 Mon Dec 9 Tu Dec 10	Lab Practical	100 Points
Finals Week	Final Exam Covers Labs 8-12	100 points