

<u>Date</u>	<u>Lab</u>	<u>Experiment</u>
T 1/9	--	Introduction & Safety Requirements
R 1/11	1	Experiment 1: Bright Field Microscopy; p.1
T 1/16	--	No Laboratory Class (Lectures will meet as scheduled)
R 1/18	2	Experiment 2: Aseptic Technique, Transfer of Culture and Isolation of Pure Culture; p.13 Experiment 3: Bacterial Motility and Brownian Motion (DEMO); p.25
T 1/23	3	Experiment 4: How to Prepare a Bacterial Smear for Staining; p.31 Experiment 5: Non-Differential Staining - Simple Stain; p.37
R 1/25	4	Experiment 6: Differential Staining - Gram Stain; p.43
T 1/30	5	Experiment 7: Differential Stain: Endospore Stain (Schaeffer-Fulton Method); p.51 Experiment 8: Differential Stain - Capsule Stain (DEMO); p.57
R 2/1	6	Experiment 9: Differential Stain - Acid-Fast Stain (Ziehl-Neelsen Method); p.63 Experiment 10: Negative Staining (DEMO); p.69
T 2/6	7	Experiment 11: Colony / Cultural Characteristics of Selected Bacteria; p.75
R 2/8	8	Experiment 12: Enumeration of Viable Bacteria- Serial Dilution Method; p.85
T 2/13	9	Experiment 13: Differential and Selective Media; p.95
R 2/15	10	Experiment 14: Cultivating Anaerobic Microbes (DEMO); p.113 Experiment 15: Physical Controls - UV Radiation; p.121
T 2/20	11	Experiment 16: Fungi - Yeasts and Molds; p.131
R 2/22	12	Experiment 17: Protozoa - Free Living and Parasitic; p.145
T 2/27	13	Experiment 18: Helminthes - Parasitic Worms; p.161
R 2/29	--	MIDTERM (Written)

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T 3/5	--	NO CLASSES- SPRING BREAK
R 3/7	--	NO CLASSES- SPRING BREAK
T 3/12	14	Experiment 19: Chemical Agents of Control - Chemotherapeutic Agents; p.177
R 3/14	15	Experiment 20: Chemical Agents of Control - Antiseptics and Disinfectants; p.193 Experiment 21: Bacterial Conjugation; p.203
T 3/19	16	Experiment 22: IMViC Test; p.211 <i>Review Streak Plate Technique before next lab period</i>
R 3/21	17	Experiment 23: Unknowns - Do an Isolation Streak Plate; p.221 <i>Review Gram Stain Procedure before next lab period</i>
T 3/26	17	Continue Unknowns: Gram Stain Unknowns - Broth & Streak Plate Prepare Stock Culture - Inoculate a Nutrient Agar Slant Start Biochemical Tests (See flow chart: p.226-228)
R 3/28	17	Continue Unknowns
T 4/2	18	Experiment 24: Carbohydrate Fermentation; p.231 Experiment 25: Triple Sugar - Iron Test; p.237
R 4/4	19	Experiment 26: Extra-cellular Enzymatic Activities; p.243
T 4/9	20	Experiment 28: Nitrate Reduction Test; p.253
R 4/11	21	Experiment 29: Normal Microbial Flora of the Skin; p.261
T 4/16	22	Experiment 30: Catalase Test; p.271
R 4/18	23	Experiment 31: Methylene Blue Reductase Test; p.275
T 4/23	--	REVIEW & UNKNOWNNS DUE
R 4/25	--	FINAL EXAM (Practical only)