

<u>Date</u>	<u>Lab</u>	<u>Experiment</u>
M 1/8	--	Introduction and Safety Requirements
W 1/10	1	Experiment 1: Bright Field Microscopy; p.1
M 1/15	--	NO CLASSES- MARTIN LUTHER KING JR. BIRTHDAY
W 1/17	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
M 1/22	3	Experiment 4: How to Prepare a Bacterial Smear for Staining; p.31 Experiment 5: Non-Differential Staining - Simple Stain; p.37
W 1/24	4	Experiment 6: Differential Staining - Gram Stain; p.43
M 1/29	5	Experiment 7: Differential Stain- Endospore Stain (Schaeffer-Fulton Method); p.51 Experiment 8: Differential Stain - Capsule Stain (DEMO); p.57
W 1/31	6	Experiment 9: Differential Stain - Acid-Fast Stain (Ziehl-Neelsen Method); p.63 Experiment 10: Negative Staining (DEMO); p.69
M 2/5	7	Experiment 11: Colony / Cultural Characteristics of Selected Bacteria; p.75
W 2/7	8	Experiment 12: Enumeration of Viable Bacteria-Serial Dilution Method; p.85
M 2/12	9	Experiment 13: Differential and Selective Media; p.95
W 2/14	10	Experiment 14: Cultivating Anaerobic Microbes (DEMO); p.113 Experiment 15: Physical Controls - UV Radiation; p.121
M 2/19	11	Experiment 16: Fungi - Yeasts and Molds; p.131
W 2/21	12	Experiment 17: Protozoa- Free Living and Parasitic; p.145
M 2/26	13	Experiment 18: Helminthes - Parasitic Worms; p.161
W 2/28	--	MIDTERM EXAM (Written only)

<u>Date</u>	<u>Lab</u>	<u>Experiment</u>
M 3/4	--	NO CLASSES- SPRING BREAK
W 3/6	--	NO CLASSES- SPRING BREAK
M 3/11	14	Experiment 19: Chemical Agents of Control - Chemotherapeutic Agents; p.177
W 3/13	15	Experiment 20: Chemical Agents of Control - Antiseptics and Disinfectants; p.193 Experiment 21: Bacterial Conjugation; p.203
M 3/18	16	Experiment 22: IMViC Test; p.211 <i>Review Streak Plate Technique before next lab period</i>
W 3/20	17	Experiment 23: Unknowns - Do an Isolation Streak Plate; p.221 <i>Review Gram Stain Procedure before next lab period</i>
M 3/25	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)
W 3/27	17	Continue Unknowns
M 4/1	18	Experiment 24: Carbohydrate Fermentation; p.231 Experiment 25: Triple Sugar - Iron Test; p.237
W 4/3	19	Experiment 26: Extra-cellular Enzymatic Activities; p.243
M 4/8	20	Experiment 28: Nitrate Reduction Test; p.253
W 4/10	21	Experiment 29: Normal Microbial Flora of the Skin; p.261
M 4/15	22	Experiment 30: Catalase Test; p.271
W 4/17	23	Experiment 31: Methylene Blue Reductase Test; p.275
M 4/22	--	REVIEW & UNKNOWNNS DUE
W 4/24	--	FINAL EXAM (Practical only)