

LAB	Name	Type	Description
08/25/15	Introduction	Discussion	Meet your fellow classmates
08/25/15	Lab Orientation	Study	Safety rules of laboratory
08/27/15	Microscope	Study	Refresh on use of microscope
09/01/15	Yogurt Observation/Hanging drop	Study	Observe bacteria in yogurt
09/03/15	Handling and Examining Cultures- Aseptic Technique and cell morphology lab	Study	Learn to aseptically transfer bacteria
09/08/15	Staining procedures	Study	Special staining techniques
09/10/15	Staining procedures	Study	
09/15/15	Lab test 1	Test	
	Effects of Heat, temperature, UV and antiseptics and disinfectants on bacterial growth.		
09/17/15	Effects of antibiotics on bacterial growth	Study	Learn pathogens
	Determination of microbial growth using spectrophotometer		
09/22/15	Primary media	Study	Run tests to identify bacteria
09/24/15	Continued Haemophilus, Bordetella, Corynebacterium		
09/29/15	Staphylococcus, Streptococcus and Spirochetes		
10/01/15	Lab Examination 2	Test	
10/06/15	Urinary tract infections	Study	
10/08/15	Enteric pathogens	Study	
10/13/15	Non-Enteric pathogens	Study	
10/15/15	Enterics, Microscan and MIC panel lab	Study	
10/20/15	Gram positive endospore forming lab	Study	
10/22/15	Lab test 3	Test	
10/22-10/30/15	Unknown Identification		
10/27/15	Group presentation		
10/29/15-11/03/15	Protozoan and Helminthes		
11/05/15-11/10/15	Protozoan and Helminthes		
11/12/15-11/17/15	Fungi		
11/24/15-12/01/15	Fungi	Study	Identify various fungal specimens
12/08/15	Lab 4 test	Test	

08/25/15 Introduction	Discussion	Meet your fellow classmates
09/01/15 Chapter 1: Microbial World and You	Lecture	Overview of Microbiology
09/08/15 Chapter 2: Chemical Principles	Lecture	Chemistry
09/15/15 Chapter 2: Continued	Lecture	Chemistry
09/22/15 Chapter 4: Prokaryotic Cells	Lecture	Cells and Cell Structures
09/22/15-09/30/15 Lecture Test 1 (Chapters 1, 2 and 4)	Test	
09/29/15 Chapter 14: Principals of Disease	Lecture	Disease Terminology
10/06/15 Chapter 15: Mechanisms of Pathogenicity	Lecture	Disease Terminology
10/13/15 Chapter 5: Microbial Metabolism	Lecture	How microbes cause disease
10/13/15-10/21/15 Lecture Test 2 (Chapters 14, 15 and 5)		
10/20/15 Chapter 6: Microbial Growth	Lecture	Metabolic diversity
10/27/15 Chapter 8 Microbial Genetics	Lecture	How microbes increase in numbers
11/03/15 Chapter 9: Biotechnology	Lecture	Genetic information control
11/03/15-11/11/15 Lecture Test 3 (Chapters 6, 8 and 9)	Test	
11/10/15 Chapter 10: Classification of Microorganisms	Lecture	Microbes are used for human benefit
11/17/15 Chapter 13: Viruses, Prions and Viroids	Lecture	
11/24/15 Chapter 16: Innate Immunity	Lecture	
11/24/15-12/03/15 Lecture test 4 (Chapters 10, 13, 16)	Test	
12/01/15 Chapter 17: Nonspecific Defenses of Host	Lecture	Innate Immunity
12/04/15 Chapter 18: Specific Defenses	Lecture	Adaptive Immunity
12/08/15 Chapter 19: Applications of Immunology	Lecture	Use of Immunology Knowledge
12/10/15 Lecture test 5 (30% of all chapters and 70% comprising of chapters 17, 18 and 19)	Test	