

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
7. Discuss how bacterial genetics relates to the development of resistance to antibiotics.	Lecture Laboratory Group Discussions Case Studies Review of Current Issues in Bacteriology from Scientific Journals and News Publications	Lecture Exams

- B. Procaryotic Structures
- C. Eucaryotic Structures
- III. Bacterial Growth
 - A. The Growth Curve
 - B. Nutritional Requirements
 - C. Environmental Requirements
 - D. Culture Techniques
- IV. Control of Infectious Microbes
 - A. Transmission and Containment
 - B. Sterilization
 - C. Chemical Disinfection
- V. Principles of Disease
 - A. Transmission of Diseases
 - B. Epidemiology
 - C. Pathogenicity and Virulence
- VI. Cocci
 - A. Staphylococci
 - B. Streptococci
 - C.

- A. Urinary Tract Infections
- B. Genital Tract Infections
- C. Respiratory Infections
- D. Cardiovascular and Lymphatic System Infections
- E. Skin and Eye Infections
- F. Central Nervous System Infections

LEARNING MATERIALS:

Forbes, Sahm, and Weiss. (2007).
C.V. Mosby Co.

Diagnostic Microbiology (12th ed.).

Tortora, Funke and Case. (2013).