

MED 138 Infection/Hazard Control

COURSE DESCRIPTION:

Prerequisites: Enrollment in Medical Assisting Diploma, or AAS degree

Corequisites: CIS 110, ENG 111

This course introduces the student to infection and hazard control procedures necessary for the healthcare worker. Topics include introduction to Microbiology, Practical Infection Control, Sterilization and Monitoring, Chemical Disinfectants, Aseptic Technique, Infectious diseases, and applicable North Carolina laws.

Course Hours per Week: Class, 2; Lab, 0; Semester Hours Credit, 2.

LEARNING OUTCOMES:

Upon completion of this course, students should be able to demonstrate an understanding of infectious diseases, disease transmission, infection control procedures, biohazard management, OSHA standards, and applicable North Carolina laws. In addition, students will be able to:

1. Explain the chief types of hazards faced by healthcare workers and understand that having preventative measures in place will prevent these hazards.
2. Name key laws designed to protect health and safety in the workplace and identify the agencies that oversee and enforce the laws that protect the health and safety of healthcare workers.
3. Know the types of microorganisms that cause infectious diseases and define communicable disease and infectious disease.
4. Describe the main types of infections associated with healthcare.
5. Describe effective medical and surgical asepsis methods and the use of personal protective equipment (PPE) in the prevention of transmission of infectious agents.
6. Explain the hazards associated with chemicals commonly found in the healthcare workplace.

OUTLINE OF INSTRUCTION:

- I. Introduction to Infection Control
- II. Legal Issues
- III. The Disease Process
- IV. The Immune System
- V. Protection from Communicable Disease in the Workplace
- VI. Protection from Infectious Agents used as Weapons
- VII. Exposure Determination
- VIII. Post-Exposure

REQUIRED TEXTBOOK AND MATERIAL:

Basic Infection Control for HEALTH CARE PROFESSIONALS 3rd Edition by Mike Kenamer, Ed.D., NRP
ISBN: 9781337394048