Prefix and Number: CSP 135

Course Title: Central Sterile Infection Control

Course Description: Introduces the fundamentals of infection control. Content will include an introduction to concepts of microbiology including cell structure and theory, microbial function, human and pathogen relationships, infectious process, blood-borne and airborne pathogens, defense microorganisms, and principles of microbial control and destruction. Lecture 2 hours per week.

General Course Purpose: This course develops infection control knowledge and competency in the health care environment with a focus on the surgical microbial infection.

Course Prerequisites and Co-requisites:
None

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Identify various microbes and the method of destruction for those microbes;
b. Describe the relationship of pathogens and the human body;
c. Demonstrate knowledge of blood-borne pathogens and airborne pathogens;
d. Demonstrate knowledge of self-protection with protective wear;
e. Explain the chain of infection and how to disrupt it; and
f. Describe basic standard precautions.

Major Topics to Be Included:
a. Infection Control and Patient Care
b. Identification and Classification of Bacteria and Viruses
c. Basic Facts of Microorganisms
d. Transmission of Microorganisms
e. The Chain of Infection
f. Non-bacterial Organisms
g. History of Infection Control
h. Control and Destruction of Microorganisms

Date Created/Updated (Month, Day, Year): July 16, 2018