

Miami Dade College
FSE 2106 – Funeral Service Microbiology

Course Description: This is a survey of the basic principles of microbiology. It relates these principles to Funeral Service especially as they pertain to sanitation, disinfection, public health and embalming practice. The development and use of personal, professional and community hygiene and sanitation is discussed.

3 Credits

Prerequisites and Corequisites: None

Course Competencies:

Competency 1: The student will be able to explain the basic microbial morphology and physiology by:

- a. describing the size and shape of spherical (coccus) rod (bacillus) and spiral organisms.
- b. describing the arrangements of cocci and bacilli organisms.

Competency 2: The student will be able to explain the physiology of bacteria by:

- a. describing their typical reproduction.
- b. describing the conditions that affect bacterial growth.

Competency 3: The student will be able to explain the levels of controlling microorganisms in the preparation room by:

- a. describing the differences between sterilization, disinfection and antiseptic treatment.
- b. demonstrating the methods of controlling microorganisms through scrubbing, incineration, dry and moist heat disinfection.
- c. demonstrating the methods of controlling microorganisms through chemical disinfectants.
- d. demonstrating the use of disinfectants that are suitable for mortuary procedures.

Competency 4: The student will be able to describe microorganisms and disease by:

- a. explaining the terminology for microorganisms and disease.
- b. describing the various types and sources of infection and factors influencing virulence.

Competency 5: The student will be able to demonstrate how to protect him/herself from contagious diseases by:

- a. explaining OSHA regulations in the preparation room.
- b. explaining the portals of entry and exit of contagious diseases.
- c. explaining the vehicles of exit of pathogens.

