

# SURG1223: Applied Microbiology for Surgical Technology

**Credit Hours:** 2

**Clock Hours:** 30/0/0

In this course, students will explore the essential role of microbiology in maintaining sterile technique and infection control within the operative setting. They will learn to identify and comprehend the functions of different components of the compound microscope. Additionally, students will compare and contrast the structures and characteristics of diverse microorganisms. Through an in-depth study of the body's immune responses, they will analyze the defense mechanisms deployed against pathogens. By understanding the infectious process, students will gain valuable insights into its implications and significance in the context of surgical practice.