



Course Description

MLT2180C | Infectious Diseases & Control Practices | 3.00 credits

This course will focus on the principles of transmission and control of diseases with an emphasis on infectious tissue specimens. Prerequisites: MCB2013, 2013L.

Course Competencies:

Competency 1: The student will demonstrate knowledge, comprehension of blood-borne diseases by:

1. Identifying community resources and services available to individuals with diseases caused by blood-borne pathogens
2. Describing the transmission and treatment of diseases caused by blood-borne pathogens, including Hepatitis B

Competency 2: The student will demonstrate knowledge and comprehension of human parasites found in histologic specimens by:

1. Identifying ova and parasites
2. Viewing slides of parasites

Competency 3: The student will demonstrate knowledge and comprehension of fungi, mycobacteria and routine bacteria found in histologic specimens by:

1. Viewing or performing gram stain procedures on infectious specimens
2. Viewing or culturing of infectious specimens
3. Observing prepared microscopic slides

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of diverse cultures, including global and historical perspectives
- Use computer and emerging technologies effectively
- Demonstrate an appreciation for aesthetics and creative activities