



Course Description

MLT1195C | Tissue Identification 1 | 3.00 credits

This course will introduce students to the study of human organs and tissues for the purpose of developing microtechnological skills. It will include recognition, composition, and function of organs and tissues. Macroscopic and microscopic laboratory examination and evaluation of specimens will be included.

Course Competencies:

Competency 1: The student will demonstrate knowledge, comprehension of human anatomy and physiology as related to Histotechnology by:

1. Identifying types and structures composing the human anatomy and related physiological functions
2. Prepare an online tissue notebook identifying the major areas of the tissue as is pertains to identification of the tissue for Histotechnicians

Competency 2: The student will demonstrate knowledge and comprehension of normal histology of human organs by:

1. Identifying the structure and functions of human organs
2. Evaluating microscopically and macroscopically the structure of human organs
3. Describing and identifying of various human tissues microscopically and macroscopically

Competency 3: The student will demonstrate knowledge and comprehension of tissue structures and cellular component and relate to physiological functions by:

1. Identifying tissue structures by macroscopic and microscopic evaluations
2. Identifying cellular components and relate their structures to physiological functions
3. Identifying and explaining the normal conditions of blood elements, bone marrow, connective tissue, muscle and nerve tissue

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
- Describe how natural systems function and recognize the impact of humans on the environment