



### **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:**

1. Communication
2. Critical Thinking
3. Cultural / Global Prospective
4. Information Literacy
5. Computer / Technology Usage
6. Aesthetic / Creative Activities
7. Environmental Responsibility