

# Course Outline

This course provides an overview of the anatomy and physiology of the human body with a major focus on the major body systems and related disorders and diagnostic tests. These would include the integumentary, skeletal, muscular, nervous, cardiovascular, lymphatic/immune, endocrine, reproductive, urinary, respiratory and digestive systems.

## Learning Outcomes

At the end of the course module the student will be able to:

- 1) Demonstrate understanding of the basic elements of medical terminology and special situations to consider in specimen collection
- 2) Define and use correct terminology and measurements used in the lab
- 3) Understand common medical terminology prefixes and suffixes and medical abbreviations and demonstrate knowledge of how terms are formed.
- 4) Demonstrate how units of measure are used in the Laboratory
- 5) Demonstrate knowledge of mass and volume unit conversions and the use of 24 hour clock.
- 6) Demonstrate knowledge of the human body systems and some major functions and related Medical Lab tests relevant to the body systems:
  - a) Identify the 11 body systems and describe their primary functions and structures
  - b) Identify the primary diseases and disorders relevant to each body system
  - c) Identify the Medical Lab tests associated with each system's diseases and disorders
- 7) Demonstrate understanding of terminology and special situations to consider in specimen collection
- 8) Define and use correct terminology and measurements used in the lab

## Evaluation of Learning

Evaluation	Weight
Assignment 1	10%
Assignment 2	10%
Quiz 1	20%
Quiz 2	20%
Final Exam	40%

## Passing Grade

The passing grade for Anatomy & Physiology course is 65 % (C+).