

# MED 110 : Anatomy & Pathophysiology for Medical Assistants I

**Credits** 5

**Quarter Offered** Winter

Students are introduced to pathophysiology, the study of processes that disturb normal body function. Instruction in both basic disease processes and major organ-related diseases are incorporated into the study of the form (anatomy) and function (physiology) of the human body. This course has a laboratory component. This class may include students from multiple sections.

**Prerequisites**

Medical Assisting Program Admittance

**Course Outcomes**

Competencies/Objectives/Outcomes/Methods of Assessment/Assignment:

Foundations for Clinical Practice

I. Anatomy, Physiology, and Pharmacology

I.C.8. Identify common pathology related to each body system including:

Body systems must include, but are not limited to, the following: circulatory, digestive, endocrine, integumentary, lymphatic, muscular, nervous, sensory, reproductive, respiratory, skeletal, and urinary

a. signs

b. symptoms

c. etiology

d. diagnostic measures

e. treatment modalities

I.C.9. Identify Clinical Laboratory Improvement Amendments (CLIA) waived tests associated with common diseases

III. Infection Control

III.C.1. Identify major types of infectious agents

III.C.2. Identify the infection cycle including:

a. the infectious agent

b. reservoir

c. susceptible host

d. means of transmission

e. portals of entry

f. portals of exit

III.C.4. Identify methods of controlling the growth of microorganisms