

# MED 115 : Anatomy & Pathophysiology for Medical Assistants II

**Credits** 5

**Quarter Offered** Spring

This course continues to instruct students in the anatomy and pathophysiology of the human body using a body systems approach. Emphasis is placed on the study of multiple organ system diseases, infectious diseases, and microbiology. This course has a laboratory component. This class may include students from multiple sections.

This class has a \$50 medical assisting course fee.

**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.P.10. Perform a quality control measure

I.P.11. Collect specimens and perform:

a. CLIA waived hematology test

b. CLIA waived chemistry test

c. CLIA waived urinalysis

d. CLIA waived immunology test

e. CLIA waived microbiology test

II. Applied Mathematics

II.P.2. Record laboratory test results into the patient's record

IV. Nutrition

IV.C.1. Identify dietary nutrients including:

a. carbohydrates

b. fat

- c. protein
- d. minerals
- e. electrolytes
- f. vitamins
- g. fiber
- h. water

IV.C.2. Identify the function of dietary supplements

IV.C.3. Identify the special dietary needs for:

- a. weight control
- b. diabetes
- c. cardiovascular disease
- d. hypertension
- e. cancer
- f. lactose sensitivity
- g. gluten-free
- h. food allergies
- i. eating disorders

IV.C.4. Identify the components of a food label

IV.P.1 Instruct a patient regarding a dietary change related to a patient's special dietary needs

A.2. Reassure patients

A.3. Demonstrate empathy for patients' concerns