



South Central College

HC 1924 Anatomy & Physiology and Disease Conditions II

Common Course Outline

Course Information

Description This course is a continuation of HC 1914 Anatomy/Physiology/Disease Conditions I with emphasis on the pathophysiology of the human body. The student will apply previous knowledge in medical terminology and structure and function of the human body. This course prepares the student in understanding the abnormalities and diseases the affect the organs and organs systems. (Prerequisites: HC 1000, HC 1914)

Total Credits 4

Total Hours 64

Types of Instruction

Instruction Type	Credits/Hours
Lecture	4/64

Pre/Corequisites

HC 1914, HC 1000

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Outcomes

1. Describe the function and composition of blood.

Learning Objectives

- Define terms related to blood.
- Describe three functions of blood.
- Describe the composition and formation of blood.
- Describe the four blood types.
- Describe the Rh factor.
- Discuss common disease conditions of blood.

Discuss common abnormalities related to pregnancy and labor.

12. Explain the function of the heart.

Learning Objectives

Define specific clinical vocabulary used to describe cardiac function.

Explain the functions of the four heart valves.

Describe the physiological basis of the heart sounds.

Explain the function of the heart as two separate pumps.