Common Course Number: BSC-2086

Course Title: Human Anatomy and Physiology II

Catalog Course Description:
The structure and function of the systems of the human body, emphasizing those aspects most pertinent to students in the nursing and allied health technology programs.

Credit Hours Breakdown: 3 lecture hours

Prerequisite: BSC-2085

Co requisite: BSC-2086-Laboratory

Course Competencies:

Competency 1: The Cardiovascular System: Blood, Blood Vessels and the Heart

Upon successful completion of this course, the student will be able to understand the cardiovascular system by:

1.1 Describing the general characteristics of blood and its major functions.
1.2 Listing the types of blood cells and their functions, and blood types.
1.3 Naming the organs of the cardiovascular system and discussing their functions.
1.4 Tracing the pathway of blood through the heart and lungs.
1.5 Comparing the structures and functions of the major types of blood vessels.
1.6 Defining cardiac output and how it is regulated.
1.7 Identifying the factors that affect blood pressure and vascular resistance.
1.8 Explaining the relationship between diet, exercise, and cardiovascular health.