VNRS 154: BODY STRUCTURE FUNCTION FOR THE VOCATIONAL NURSE I

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Winter 2021
Credits:	1.5
Total Contact Hours:	27
Lecture Hours :	27
Lab Hours:	0
Hours Arranged:	0
Outside of Class Hours:	54
Prerequisite:	NRS 100.
Corequisite:	VNRS 150, VNRS 151L, VNRS 152, VNRS 153, VNRS 155.
Strongly Recommended:	ENGL 101.
Transferable to CSU:	No
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

Vocational nursing students will explore the basic facts of human anatomy and the principles of physiology with selected clinical examples. 27 lecture hours.

Course Objectives

- Demonstrate a working knowledge of how the body functions in health and disease.
- · Identify normal and abnormal function of given organ system.
- Define medical terms related to the various anatomical and physiological components of each organ system.
- Explain and discuss in order of increasing complexity the levels of organization of the structure of an organism and the relationship of its parts.
- Compare and contrast each body system assigned and relate how each is integrated to function as a whole.
- Differentiate between normal and abnormal functions of each organ system.
- Develop nursing interventions and a care plan that will resolve individual client problems as they relate to the client's disease process.
- Recognize diseases and injuries that adversely affect the structures and functioning of each body system.

Major Course Content

- 1. Structural levels of organization
 - a. Anatomical position
 - b. Anatomical directions
 - c. Planes or body sections
 - d. Body cavities

- e. Body regions
- f. Balance of body functions
- 2. Chemistry
 - a. Atoms
 - b. Molecules
 - c. Water
 - d. Acids, bases, salts
- 3. Cells and Tissues
 - a. Cells
 - b. Movement of substances through cell membranes
 - c. Cell reproduction
 - d. Tissue types and functions
- 4. Organ Systems Structure and Function
 - a. Integumentary system and body membranes
 - b. Muscular and skeletal system
 - c. Digestive and urinary system
 - d. Respiratory system
- 5. Various sample pathological conditions related to each organ system

Examples of Required Writing Assignments

Answer textbook chapter questions. Define key terms for each assigned chapters.

Examples of Outside Assignments

Study/read assigned textbook chapters and PowerPoint handouts. Answer textbook chapter questions. Define key terms for each assigned chapters.

Instruction Type(s)

Lecture, Online Education Lecture