

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