

College of Nursing - Dawadmi

Programs Name: Bachelor of Science in Nursing	Course Code: NUR 1401
Course Title: Anatomy and Physiology for Nurses	Credit hours: 4 (3+1)

Course Description

Study of structures and functions of human body systems C its clinical applications in nursing, and emphasis the physiological mechanisms that underlie common health conditions to help nursing students in monitoring and supporting patients. The theoretical part will be enhanced through practice in lab

No	Course content
1.	Introductory week: Description of course specification
2.	Introduction to human anatomy & physiology Lab -1: Identification of body regions, cavities, anatomical planes, sections and body regions and quadrants
3.	Lecture (1) Cells, tissues, membranes, glands and skin, Lecture (2) Integumentary system (Skin), Lab-2: Identify the parts of a compound light microscope and describe their function - Illustrate cellular compartments, tissues, glands and skin layers
4.	Body fluid compartments, Transport systems, Lab-3: Body temperature -Sites pulse points & Packed cell volume (PCV)
5.	Anatomy & physiology of the skeletal system, Lab-4: Identification of deferent parts of human skeleton, bone classification & demonstration of joints and their types
6.	Anatomy & physiology of muscular system, Lab- 5: Shows the muscles groups especially muscle used in intramuscular injection
7.	The Blood, Lab- 6: Blood group & Bleeding time and clotting time
8.	Anatomy & physiology of the heart and vascular system, Lab-7: Identification of the different parts of circulatory system (Arteries and veins) , Identification of different parts of heart and great vessels, Illustration of thymus gland, lymph nodes, spleen and tonsils , Blood pressure, pulse and heart sounds, ECG
9.	Anatomy & physiology of respiratory system, Lab- 8: Identification of different parts of respiratory system & Breath sound and respiratory rate
10.	Anatomy & physiology of Gastrointestinal tract (GIT), Lab- 9: Identification of different parts of GIT & Mention the functions of GIT organs
11.	Anatomy & physiology of Endocrine system, Lab- 10: Identification of different organs of endocrine system and mention their functions
12.	Anatomy & physiology of Renal system, Lab- 11: Identification of different parts of renal system & Urine formation and analysis
13.	Anatomy & physiology of Reproductive systems, Lab-12: Identification of the different parts of male & female reproductive systems and mention their functions
14.	Anatomy & physiology of Nervous system, Lab- 13: Identification of different parts of CNS & PNS - Examination of sensory nervous system
15.	Anatomy & physiology of the special Senses Lab 14: Identification of sensory organs of: Smell (olfaction), the sense of taste, the structures of the ear, identification of different parts of eye, Hearing tests & Visual test

Textbook (s): Peate, I. (2022). Anatomy and Physiology for Nursing and Healthcare Students at a Glance. John Wiley Sons.