Unit Outline (Higher Education)

Institute / School:	Institute of Health and Wellbeing
Unit Title:	Cardiovascular and Respiratory Anatomy and Physiology
Unit ID:	NHPPS2124
Credit Points:	15.00
Prerequisite(s):	(NHPPS2013 and NHPPS2113)
Co-requisite(s):	(NHPPS2024)
Exclusion(s):	Nil
ASCED:	061701

Description of the Unit:

Students will continue expanding knowledge of anatomy, with a focus on the cardiorespiratory systems and abdominal region. This includes a detailed study of gross anatomical structure and functional anatomy of the spinal cord, neck and cranial regions and viscera, physiological processes around special senses (including pain perception). The emphasis will be on gaining an integrated understanding of the human body through practical sessions including digital human cadaveric material and functional and clinical case-studies to facilitate the integration of material and correlation.
This unit includes 10 Hours Professional Experience Placement

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

No work experience

Placement Component: Yes - days

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment.

Course Level:

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory						
Intermediate			✔			
Advanced						

Learning Outcomes:

Knowledge:

K1. Understand the structure and function of the cardiovascular and respiratory systems.

K2. Describe the function the immune system

K3. Identify imaging techniques used in cardiology and respiratory medicine.

Skills:

S1. Relate the concept of cardiology and respiratory function to physiological processes of various body systems

S2. Analyse clinical information related to thoracic and cardiovascular conditions.

Application of knowledge and skills:

A1. Apply knowledge of thoracic and cardiovascular anatomy and physiology to patient care.

A2. Apply knowledge of thoracic and cardiovascular anatomy to interpret medical images.

Unit Content:

Topics may include:

• Thoracic walls

• Thoracic cavity and the heart

• Lungs and the pleura

• Upper airways

• Supply systems of the heart

• Superior and posterior mediastina

• Immune system

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, S1, A2	Quiz based on lesson content delivered with a focus on anatomy and physiology.	Quiz	5-15%
K1, K2, S1, A2	Quiz based on lesson content delivered with a focus on anatomy and physiology.	Quiz	5-15%

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K3, S2, A2	Revision oral presentation on previously delivered topic	Oral	5-15%
K1, K3, S1, S2, A2	Flag race styled assessment based on lesson content delivered with a focus on laboratory tasks and fundamental knowledge	Practical exam	20-40%
K1, K2, S1, S2, A1, A2	Written examination covering all learning outcomes	Written Final Examination	30-50%

Adopted Reference Style:

APA ()

Refer to the library website for more information

Fed Cite - referencing tool