

# Unit Outline (Higher Education)

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

Not wholly work experience: Student is not undertaking work experience in industry or student is undertaking work experience in industry where learning and performance is directed by the provider.

**Placement Component:** Yes

**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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Learning Outcomes:

#### Knowledge:

- K1.** Identify and describe the structure (anatomy) and function (physiology) of the cardiology and respiratory systems and the abdominal region.
- K2.** Describe basics of the immune system
- K3.** Discuss imaging in the cardiorespiratory setting

#### Skills:

- S1.** Relate the concept of cardiology and respiratory function to physiological processes of various body systems
- S2.** Collate and evaluate clinical data relevant to the functioning of various body systems
- S3.** Apply an understanding of the immune system to human function
- S4.** Apply underlying physiological principles to the care of a client in a practical scenario

#### Application of knowledge and skills:

- A1.** Critically apply anatomical and physiological knowledge to a human bioscience discipline

#### 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
- Abdominal Regions
- Immune system

#### Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, S1, S2, S3, A1	Quiz based on lesson content delivered with a focus on anatomy and physiology.	Quiz	1-5%
K1, K2, K3, S1, S2, S3, A1	Quiz based on lesson content delivered with a focus on anatomy and physiology.	Quiz	5-10%
K1, K2, K3, S1, S3	Image exam based on lesson content delivered with a focus on anatomy	Digital Quiz	10-30%

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, S1, S2, S3	Flag race styled assessment based on lesson content delivered with a focus on laboratory tasks and fundamental knowledge	Practical Exam	20-40%
K1, K2, K3, S1, S2, S3, S4, A1	Written examination covering all learning outcomes	Written Final Examination	30-50%

**Adopted Reference Style:**

APA

Refer to the [library website](#) for more informationFed Cite - [referencing tool](#)