

Unit Outline (Higher Education)

Institute / School:	Institute of Health and Wellbeing
Unit Title:	Advanced Pathophysiology for Acute Care Nursing
Unit ID:	HEAAN6602
Credit Points:	15.00
Prerequisite(s):	Nil
Co-requisite(s):	Nil
Exclusion(s):	Nil
ASCED:	060301

Description of the Unit:

The purpose of this unit is to prepare the post-registration nurse for clinical practice with an in depth understanding of advanced human pathophysiology of major body systems and their subsequent alterations. Building upon an existing knowledge of physiology, this unit will provide nurses with an opportunity to deepen their understanding of clinical manifestations arising in acute care settings. A focus will be on core concepts of the deteriorating patient, and exploration of physiological responses to compromised functioning.

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

Work Experience:

No work experience

Placement Component: No

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.** Examine the pathological effects of cellular process from normal physiological function to development of disease states.
- K2.** Differentiate anatomical, physiological, advanced pathophysiological, and compensatory concepts related to common health conditions.
- K3.** Distinguish the characteristics of physiological alterations of selected diseases including aetiological factors and associated clinical manifestations.

Skills:

- S1.** Demonstrates the effect of physiological compensatory mechanisms in responding to major physiological alterations.
- S2.** Applies critical thinking skills and clinical reasoning in applying concepts of advanced pathophysiology theory to clinical practice.
- S3.** Analyse and effectively interpret the pathophysiology in clinical case studies to inform appropriate health assessment.

Application of knowledge and skills:

- A1.** Illustrates the connections between each of the pathophysiological states and their associated clinical manifestations.
- A2.** Apply advanced reasoning to the alterations in physiological systems and their associated manifestations to inform clinical judgements.

Unit Content:

Topics in this unit may include:

- The transition of normal cellular function to altered cellular function in specific disease states.
- Compensatory mechanisms of cellular function during physiological alteration at a cellular and systematic level.
- Pathophysiology of disease states attributed to major body systems.
- Exploration of aetiological factors and clinical manifestations attributed to altered pathophysiological states of major body systems.

FEDTASKS

Federation University Federation recognises that students require key transferable employability skills to prepare them for their future workplace and society. FEDTASKS (**T**ransferable **A**tttributes **S**kills and **K**nowledge) provide a targeted focus on five key transferable Attributes, Skills, and Knowledge that are embedded within curriculum, developed gradually towards successful measures and interlinked with cross-discipline and Co-operative Learning opportunities. *One or more FEDTASK, transferable Attributes, Skills or Knowledge must be*

evident in the specified learning outcomes and assessment for each FedUni Unit, and all must be directly assessed in each Course.

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 1 Interpersonal	Students will demonstrate high-level skills to effectively communicate, interact and work with others both individually and in groups Students will be required to display (in person and/or online) high-level skills in-person and/or online in: <ul style="list-style-type: none"> • Effective verbal and non-verbal communication via a range of synchronous and asynchronous methods • Active listening for meaning and influencing • High-level empathy for others • Negotiating and demonstrating extended conflict resolution skills • Working respectfully in cross-cultural and diverse teams 	Not applicable	Not applicable
FEDTASK 2 Leadership	Students will demonstrate the ability to apply leadership skills and behaviours Students will be required to display skills in: <ul style="list-style-type: none"> • Creating, contributing to, and enabling collegial environments • Showing self-awareness and the ability to self-reflect for personal growth • Inspiring and enabling others • Making informed and evidence-based decisions through consultation with others • Displaying initiative and ability to solve problems 	Not applicable	Not applicable
FEDTASK 3 Critical Thinking and Creativity	Students will demonstrate an ability to work in complex and ambiguous environments, using their imagination to create new ideas Students will be required to display skills in: <ul style="list-style-type: none"> • Reflecting critically on complex problems • Synthesising, evaluating ideas, concepts and information • Proposing alternative perspectives to refine ideas • Challenging conventional thinking to clarify concepts through deep inquiry • Proposing creative solutions in problem solving 	Not applicable	Not applicable
FEDTASK 4 Digital Literacy	Students will demonstrate the ability to work proficiently across a range of tools, platforms and applications to achieve a range of tasks Students will be required to display high-level skills in: <ul style="list-style-type: none"> • Finding, accessing, collating, evaluating, managing, curating, organising and appropriately and securely sharing complex digital information at a high-level • Receiving and responding to messages in a range of digital media • Using digital tools appropriately to conduct research • Contributing proficiently to digital teams and working groups • Participating in and utilising digital learning opportunities 	Not applicable	Not applicable

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 5 Sustainable and Ethical Mindset	Students will demonstrate the ability to think ethically and sustainably. Students will be required to display skills in: <ul style="list-style-type: none"> • The responsible conduct of research • Making informed judgments that consider the impact of devising solutions in multiple global economic environmental and societal contexts • Demonstrating commitment to social responsibility as a professional and a citizen • Generating research solutions which are sustainable, ethical, socially responsible and/or sustainable • Extending lifelong, life-wide and life-deep learning to be open to diverse others • Demonstrate extended actions to foster sustainability in their professional and personal life. 	Not applicable	Not applicable

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K2, K3, S1, S2, S3, A1, A2	Critical analysis of advanced pathophysiological principles attributed to dysfunction of major body systems.	Case Study	40-60%
K1, K2, K3, S1, A1	Assessment of principles of advanced pathophysiological knowledge for practice.	Online Activities	40-60%

Adopted Reference Style:

APA ()

 Refer to the [library website](#) for more information

 Fed Cite - [referencing tool](#)