Unit Outline (Higher Education)

Institute / School: Institute of Health and Wellbeing

Unit Title: Pathophysiology and Health Assessment for Advanced Cardiac Practice

Unit ID: HEACN6003

Credit Points: 30.00

Prerequisite(s): Nil

Co-requisite(s): Nil

Exclusion(s): Nil

ASCED: 060399

Description of the Unit:

The purpose of this unit is to prepare the post-registration nurse for advanced nursing practice with an in-depth understanding of human pathophysiology of the major body systems, their alterations and health assessment. Building upon an existing knowledge of physiology this unit will provide clinicians with an opportunity to develop advanced level knowledge of pathophysiology and health assessment for application in the clinical setting.

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						

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

Learning Outcomes:

Knowledge:

K1. Critically examine and explain the pathological effects of selected disease processes at the cellular and systemic levels and their relationship to associated clinical manifestations

K2. Identify appropriate and inappropriate responses to therapy with regard to associated alterations in physiology

K3. Analyse and describe the characteristics of physiological alterations or disease within each physiological system and identify the aetiological factors and associated clinical manifestations

Skills:

S1. Apply the clinical reasoning cycle to the use of pathophysiological principles as the basis for synthesising clinical data for undertaking a comprehensive and advanced level physical assessment

S2. Critically evaluate the effect of physiological compensatory mechanisms in response to major physiological alterations and the way in which they present in an advanced physical assessment

Application of knowledge and skills:

A1. Appraise and articulate the connections between evidence, clinical practice and outcomes for priority health areas for each of the physiological systems and their associated clinical manifestations

A2. Apply advanced clinical reasoning to the alterations in physiological systems and their associated clinical manifestations to inform clinical judgements

A3. Appraise and justify appropriate and inappropriate physiological responses to therapy

Unit Content:

•Altered cellular environments and concepts of health and disease across the lifespan
•Major systems approach to understanding advanced pathophysiology from a lifespan perspective
•Common clinical presentation through advanced assessment of alterations in pathophysiology
•Appropriate diagnostic studies for the identification of alterations in pathophysiology

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, S1, S2, A1, A2, A3	Application of advanced pathophysiological and health assessment principles	Case Scenario	40-60%
K1, K2, K3, S1, S2, A1, A2, A3	Assessment of principles of advanced pathophysiological and health assessment knowledge for practice	Written Test (1)	10-30%
K1, K2, K3, S1, S2, A1, A2, A3	Assessment of principles of advanced pathophysiological and health assessment knowledge for practice	Written Test (2)	10-30%

Adopted Reference Style:

APA ()

Refer to the library website for more information

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