Unit Outline (Higher Education)

Institute / School:	Institute of Health and Wellbeing
Unit Title:	Neurological Anatomy and Physiology
Unit ID:	NHPPS2113
Credit Points:	15.00
Prerequisite(s):	(NHPBM1032 or NHPPS1122) (NHPPS1002)
Co-requisite(s):	(NHPPS2013)
Exclusion(s):	Nil
ASCED:	061701

Description of the Unit:
Students will continue expanding knowledge of anatomy, with a focus on the neurological system. 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 course contains 4 hours fieldwork

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						
Intermediate			✔			
Advanced						

Learning Outcomes:

Knowledge:

K1. Identify and describe the structure (anatomy) and function (physiology) of the neurological and visceral systems

K2. Identify and describe the structure of the spinal cord, internal and external brain, neck and face

K3. Discuss the function of the special senses

K4. Describe basics of pain science

Skills:

S1. Relate the concept of neurological 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 sympathetic and parasympathetic pathways 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:

- Anatomy and physiology of the spinal cord, neck and cranial regions and viscera
- Basic pain science
- Examination of the special senses

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, K4, S1, S2, S3	Quiz based on lesson content delivered with a focus on anatomy and physiology.	Quiz	1-5%
K1, K2, K3, K4, S1, S2, S3	Quiz based on lesson content delivered with a focus on anatomy and physiology.	Quiz	5-10%
K1, K2, K3, K4, S1, S3, S4	Image exam based on lesson content delivered with a focus on anatomy	Digital quiz	10-30%
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 Examination	20-40%
K1, K2, K3, K4, 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 information

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