

Unit Outline (Higher Education)

Institute / School:	Institute of Health and Wellbeing
Unit Title:	Anatomy and Physiology for Nursing and Midwifery 1
Unit ID:	NURBN1111
Credit Points:	15.00
Prerequisite(s):	Nil
Co-requisite(s):	Nil
Exclusion(s):	HEALT1111
ASCED:	060301

Description of the Unit:

This unit is one of two units that provide foundational knowledge of human anatomy and physiology. In this unit, the biological basis of human health and the working of the human body will be explored. The major themes of study relate to organisation of the body, from cells to tissues to organ systems. The unit examines human physiological processes and their integration and control with particular focus on the maintenance of normal body function.

The unit encourages students to demonstrate an application of biological science knowledge. An integrated whole body approach allows scrutiny of structural and physiological changes across the lifespan. This unit is open to all nursing and midwifery students.

Topics include organisation of the human body from chemical and cellular basics to body systems; the maintenance of homeostasis; the structure and function of the musculoskeletal system; the structure and the major integrative functions of the nervous, cardiovascular, respiratory and reproductive systems.

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: 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	<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"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:

On successful completion of this unit the students are expected to be able to:

Knowledge:

- K1.** Describe basic chemical composition, functions and organisation of the human body and how they contribute to homeostasis under normal conditions;
- K2.** Identify and describe major anatomical structures of specific body systems including the Musculoskeletal, Central and Peripheral Nervous, Circulatory, Respiratory and Reproductive systems of the human body; and
- K3.** Explain physiological processes of specific body systems including the Musculoskeletal, Central and Peripheral Nervous, Circulatory, Respiratory and Reproductive systems of the human body.

Skills:

- S1.** Relate the concept of homeostasis to physiological processes;
- S2.** Apply underlying physiological principles to the care of a client in a practical scenario; and
- S3.** Collate and evaluate clinical data relevant to the functioning of various body systems.

Application of knowledge and skills:

- A1.** Demonstrate accurate use of health terminology related to human anatomy and physiology for communication in a health or therapeutic environment;
- A2.** Utilise anatomical and physiological structures or events and relate to the potential impact on physical health
- A3.** Demonstrate and apply theoretical concepts of anatomy and physiology to simulated scenarios.

Unit Content:

The current NMBA Standards for Practice for Enrolled Nurse, NMBA Registered Nurse Standards for Practice, NMBA Code of Conduct for Nurses, Code of Ethics for Nurses, National Safety and Quality Health Service Standards, Aged Care Quality Standards, National Health Priority Areas and where applicable the NMBA National Competency Standards for the Midwives, NMBA Code of Conduct for Midwives, ICM/NMBA Code of Ethics for Midwives have informed the content development of this unit.

Topics may include:

- Introduction to the Human Body, Organisation and Cavities

- Cells, Tissues and Homeostasis

- Muscular and Skeletal Systems
- Nervous System
- Central Nervous System
- Peripheral Nervous System
- The Heart and Circulatory System
- The Respiratory System
- The Reproductive 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 the ability to effectively communicate, inter-act and work with others both individually and in groups. Students will be required to display skills in-person and/or online in: <ul style="list-style-type: none"> • Using effective verbal and non-verbal communication • Listening for meaning and influencing via active listening • Showing empathy for others • Negotiating and demonstrating conflict resolution skills • Working respectfully in cross-cultural and diverse teams. 	K1, K2, K3, S1, S2, S3, A1, A2, A3	AT1, AT2

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 2 Leadership	<p>Students will demonstrate the ability to apply professional skills and behaviours in leading others. Students will be required to display skills in:</p> <ul style="list-style-type: none"> • Creating a collegial environment • Showing self-awareness and the ability to self-reflect • Inspiring and convincing others • Making informed decisions • Displaying initiative 	S1, S2, S3	AT1, AT2
FEDTASK 3 Critical Thinking and Creativity	<p>Students will demonstrate an ability to work in complexity and ambiguity using the imagination to create new ideas. Students will be required to display skills in:</p> <ul style="list-style-type: none"> • Reflecting critically • Evaluating ideas, concepts and information • Considering alternative perspectives to refine ideas • Challenging conventional thinking to clarify concepts • Forming creative solutions in problem solving. 	S1, S2, S3, A1, A2, A3	AT2, AT3, AT4
FEDTASK 4 Digital Literacy	<p>Students will demonstrate the ability to work fluently across a range of tools, platforms and applications to achieve a range of tasks. Students will be required to display skills in:</p> <ul style="list-style-type: none"> • Finding, evaluating, managing, curating, organising and sharing digital information • Collating, managing, accessing and using digital data securely • Receiving and responding to messages in a range of digital media • Contributing actively to digital teams and working groups • Participating in and benefiting from digital learning opportunities. 	S1, S2, S3, A1, A2, A3	AT1, AT2, AT3

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 consider and assess the consequences and impact of ideas and actions in enacting ethical and sustainable decisions. Students will be required to display skills in: <ul style="list-style-type: none"> • Making informed judgments that consider the impact of devising solutions in global economic environmental and societal contexts • Committing to social responsibility as a professional and a citizen • Evaluating ethical, socially responsible and/or sustainable challenges and generating and articulating responses • Embracing lifelong, life-wide and life-deep learning to be open to diverse others • Implementing required actions to foster sustainability in their professional and personal life. 	S1, S2, S3	AT1, AT2

Learning Task and Assessment:

A 15-credit point unit will involve a minimum of 150 hours of learning. For every one hour of teacher-directed learning, there will be a minimum of two hours of learner directed learning. Additional hours will be required to complete the associated assessment tasks. Learner-directed hours will include self-directed learning, directed activities and formative assessment opportunities via the learning management system. The teacher-directed hours of learning in this unit will be through a variety of in-person or online small group learning sessions. Students are expected to attend and engage with all scheduled classes as per the assessment hurdle requirements for this unit.

Hurdle assessment task is excluded from supplementary assessment.

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, S1, S2, S3, A1, A2, A3	Laboratory Session Attendance and Participation: Students attend and participate in 90% of scheduled laboratory classes. Participation can involve undertaking practical activities, analysing scenarios, engaging in class discussion, generating and collating data and completing worksheets to address their competency and comprehension of the work being undertaken.	90% Laboratory Attendance and Participation	S/U Hurdle
K1, K2, K3, S1, S3, A2, A3	Students need to complete templated report/s that will be provided during their lab time on information covered in the labs. They will be expected to collect and analyse data related to the topic, interpret the data and answer questions at the end of the report.	Lab Report	20-40%
K1, K2, K3, S1, S2, S3, A1, A2, A3	Laboratory and associated online content - Online test covering all learning outcomes, completed mid-semester.	Test	10-30%

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, S1, S2, S3, A1, A2, A3	Laboratory and associated online content - Practical based exam covering all learning outcomes, completed during the end of semester exam period.	Practical Test	40-60%

Adopted Reference Style:

APA

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