

Course Outline

Code: HLT100

Title: Anatomy and Physiology

Faculty of:	Science, Health, Education and Engineering
School of:	Nursing, Midwifery & Paramedicine
Teaching Session:	Semester 2
Year:	2018
Course Coordinator:	Dr Judy Craft Email jcraft@usc.edu.au Tel: (07) 5430 2943
Course Moderator:	Samantha Edwards Email sedwards@usc.edu.au Tel: (07) 5456 5479

Please go to the USC website for up to date information on the teaching sessions and campuses where this course is usually offered.

1. What is this course about?

1.1 Description

Anatomy and Physiology introduces you to the normal functioning of the human body. Emphasis is placed on the normal structure and function in order for you to develop an understanding of the integrative nature of physiological systems. You will review the importance of the underlying mechanisms that regulate and control the activity of human physiological systems. This course provides you with the basis for further study in human pathophysiology.

1.2 Course topics

1. Human Organisation
2. Support, Movement & Protection
3. Integration & Coordination
4. Maintenance of the Body
5. Reproduction

2. What level is this course?

100 level Introductory - Discipline knowledge and skills at foundational level, broad application of knowledge and skills in familiar contexts and with support. Normally associated with the first full-time year of an undergraduate program

3. What is the unit value of this course?

12 units

4. How does this course contribute to my learning?

Specific Learning Outcomes On successful completion of this course you should be able to:	Assessment Tasks You will be assessed on the learning outcome in task/s:	Graduate Qualities or Professional Standards mapping Completing these tasks successfully will contribute to you becoming:
Explain and describe the key processes and functions that control and regulate the normal activity of the human body.	1, 2, 3	Knowledgeable.
Identify and explain the specific anatomical structures of the human body, and relate these structures to their specific functions.	1, 2, 3	Knowledgeable.
Explain how systems interact to maintain homeostasis	1, 2, 3	Knowledgeable

5. Am I eligible to enrol in this course?

Refer to the [USC Glossary of terms](#) for definitions of “pre-requisites, co-requisites and anti-requisites”.

5.1 Enrolment restrictions

Enrolled in Program SC367 or SC391 or SC392 or SC394 or SC374 or UU301 or XU301

5.2 Pre-requisites

Nil

5.3 Co-requisites

Nil

5.4 Anti-requisites

(LFS112 or LFS201 or LFS202) or LFS122

5.5 Specific assumed prior knowledge and skills (where applicable)

N/A

6. How am I going to be assessed?

6.1 Grading scale

Standard – High Distinction (HD), Distinction (DN), Credit (CR), Pass (PS), Fail (FL)

6.2 Details of early feedback on progress

Revision questions will be available each week for students to practise and test their understanding of concepts, commencing from the start of semester. Early assessment in this unit will involve an early assessment item in the form of a Poster due in Week 4.

6.3 Assessment tasks

Task No.	Assessment Tasks	Individual or Group	Weighting %	Duration / length	When should I submit?	Where should I submit it?
1	Poster	Group	20 %	1500 words	Week 4	Online via Blackboard SafeAssign
2	Case study	Individual	40%	2500 words	Week 9	Online via Blackboard SafeAssign
3	End of semester examination	Individual	40%	2 hours + 10 min perusal	Central exam period	Examination venue
			100%			

Assessment Task 1: Poster

Goal:	The goal of this assessment is to prepare an educational poster to explain aspects of anatomy and physiology
Product:	An electronic poster.
Format:	Group submission of 2 or 3 students, in response to a provided case study. Full details will be provided on Blackboard.
Criteria:	<p>The poster will be assessed on the following criteria:</p> <ul style="list-style-type: none"> • Ability to explain the anatomical structures of the human body, and relate these to their physiological functions, specifically to the scenario. • Ability to explain how control and regulation of the human body is achieved by interactions between body systems, relevant to the scenario. • Ability to summarise key knowledge required by a lay person to understand their clinical condition. • Adherence to conventions of academic writing, poster format, and referencing according to Harvard style used at USC.

Assessment Task 2: Case study

Goal:	The goal of this task is to demonstrate understanding of complex interactions between multiple body systems.
Product:	Written assignment response to a case study.
Format:	Individual submission in response to a provided case study. Full details will be provided on Blackboard.
Criteria:	<p>The case study will be assessed on the following criteria:</p> <ul style="list-style-type: none"> • Demonstrated understanding and application of concepts in anatomy and physiology to the case study. • Demonstrated ability to integrate multiple systems towards overall body physiology. • Ability to apply physiological and pathophysiological information to a case study. • Adherence to conventions of academic writing and referencing according to Harvard style used at USC.

Assessment Task 3: End-of-Semester Examination

Goal:	To provide you with an opportunity to demonstrate your knowledge, understanding, and ability to apply theoretical information obtained throughout the course
Product:	Central examination
Format:	Multiple choice and short answer questions
Criteria:	You will be assessed on your ability to: <ul style="list-style-type: none"> demonstrate knowledge and understanding of the theoretical content. demonstrate problem solving based on theoretical knowledge in anatomy, physiology and pathophysiology.

7. What are the course activities?

7.1 Directed study hours

The directed study hours listed here are a portion of the workload for this course. A 12 unit course will have total of 150 learning hours which will include directed study hours (including online if required), self-directed learning and completion of assessable tasks. Directed study hours may vary by location. Student workload is calculated at 12.5 learning hours per one unit.

Location: Specific Campus(es) or online:	Directed study hours for location:
USC Sunshine Coast	Lectorial: 2 hours per week
USC Fraser Coast	Tutorial: 2 hours per week
USC Gympie	
USC Caboolture	

7.2 Course content

Week # / Module #	What key concepts/content will I learn?
1	Introduction to anatomy and physiology; Integumentary system
2	Digestive system and nutrition
3	Muscular system
4	Skeletal system
5	Respiratory system
6	Cardiovascular system: Heart, blood
7	Cardiovascular system: Fluids, immunity
8	Nervous system: Nervous tissue, sensory-motor
9	Nervous system: Brain, special senses
10	Online topic: Endocrine system
11	Urinary system
12	Reproductive systems and development
13	Revision

Note - Course content is subject to variation.

8. What resources do I need to undertake this course?

Please note that course information, including specific information of recommended readings, learning activities, resources, weekly readings, etc. are available on the course Blackboard site. Please log in as soon as possible.

8.1 Recommended text

You are encouraged to have regular access to the resource listed below:

Author	Year	Title	Publisher
Patton KT and Thibodeau GA	2018	The Human Body in Health and Disease, 7 th edition	Elsevier

8.2 Specific requirements

N/A

9. Risk management

Health and safety risks for this course have been assessed as low.

It is your responsibility as a student to review course material, search online, discuss with lecturers and peers, and understand the health and safety risks associated with your specific course of study. It is also your responsibility to familiarise yourself with the University's general health and safety principles by reviewing the [online Health Safety and Wellbeing training module for students](#), and following the instructions of the University staff.

10. What administrative information is relevant to this course?

10.1 Assessment: Academic Integrity

Academic integrity is the ethical standard of university participation. It ensures that students graduate as a result of proving they are competent in their discipline. This is integral in maintaining the value of academic qualifications. Each industry has expectations and standards of the skills and knowledge within that discipline and these are reflected in assessment.

Academic integrity means that you do not engage in any activity that is considered to be academic fraud; including plagiarism, collusion or outsourcing any part of any assessment item to any other person. You are expected to be honest and ethical by completing all work yourself and indicating in your work which ideas and information were developed by you and which were taken from others. You cannot provide your assessment work to others. You are also expected to provide evidence of wide and critical reading, usually by using appropriate academic references.

In order to minimise incidents of academic fraud, this course may require that some of its assessment tasks, when submitted to Blackboard, are electronically checked through SafeAssign. This software allows for text comparisons to be made between your submitted assessment item and all other work that SafeAssign has access to.

10.2 Assessment: Additional requirements

Eligibility for Supplementary Assessment

Your eligibility for supplementary assessment in a course is dependent of the following conditions applying:

- a) The final mark is in the percentage range 47% to 49.4%
- b) The course is graded using the Standard Grading scale
- c) You have not failed an assessment task in the course due to academic misconduct

10.3 Assessment: Submission penalties

Late submission of assessment tasks will be penalised at the following maximum rate:

- 5% (of the assessment task's identified value) per day for the first two days from the date identified as the due date for the assessment task.
- 10% (of the assessment task's identified value) for the third day
- 20% (of the assessment task's identified value) for the fourth day and subsequent days up to and including seven days from the date identified as the due date for the assessment task.
- A result of zero is awarded for an assessment task submitted after seven days from the date identified as the due date for the assessment task.

Weekdays and weekends are included in the calculation of days late.

To request an extension, you must contact your Course Coordinator and supply the required documentation to negotiate an outcome.

10.4 Study help

In the first instance, you should contact your tutor, then the Course Coordinator. Additional assistance is provided to all students through Academic Skills Advisers. To book an appointment or find a drop-in session go to [Student Hub](#).

Contact Student Central for further assistance: +61 7 5430 2890 or studentcentral@usc.edu.au

10.5 Links to relevant University policy and procedures

For more information on Academic Learning & Teaching categories including:

- Assessment: Courses and Coursework Programs
- Review of Assessment and Final Grades
- Supplementary Assessment
- Administration of Central Examinations
- Deferred Examinations
- Student Academic Misconduct
- Students with a Disability

Visit the USC website:

<http://www.usc.edu.au/explore/policies-and-procedures#academic-learning-and-teaching>

10.6 General Enquiries

In person:

- **USC Sunshine Coast** - Student Central, Ground Floor, Building C, 90 Sippy Downs Drive, Sippy Downs
- **USC South Bank** - Student Central, Building A4 (SW1), 52 Merivale Street, South Brisbane
- **USC Gympie** - Student Central, 71 Cartwright Road, Gympie
- **USC Fraser Coast** - Student Central, Student Central, Building A, 161 Old Maryborough Rd, Hervey Bay
- **USC Caboolture** - Student Central, Level 1 Building J, Cnr Manley and Tallon Street, Caboolture

Tel: +61 7 5430 2890

Email: studentcentral@usc.edu.au