



ALLH11004 Anatomy and Physiology for Health Professionals 2

Term 2 - 2018

Profile information current as at 24/04/2024 03:34 pm

All details in this unit profile for ALLH11004 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit will develop the knowledge of human biology, including the skeletal, muscular and nervous systems, and the role of the respiratory, cardiovascular and digestive systems. There will also be a focus on human movement and on the effects of use, disuse and ageing on the human body.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Condition: This unit is for students from these courses only: CB66 Bachelor of Health Science (Allied Health), CB84 Bachelor of Occupational Therapy (Honours), CB85 Bachelor of Physiotherapy (Honours), CB86 Bachelor of Podiatry Practice (Honours), CB87 Bachelor of Speech Pathology (Honours)

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 2 - 2018

- Bundaberg
- Distance
- Rockhampton
- Sydney

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are:

Click here to see your [Residential School Timetable](#).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

Regional Campuses

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

Metropolitan Campuses

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. Online Quiz(zes)

Weighting: 50%

2. Practical Assessment

Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Self-reflection.

Feedback

Practical video recordings.

Recommendation

Make additional video recordings of the practical activities so that they include the newly received plastinated specimens.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Identify anatomical structures of the skeletal, muscular and nervous systems for the head and upper quadrant.
2. Explain the role of the respiratory, cardiovascular and digestive systems in body maintenance and physiological regulation.
3. Explain normal function of human movement.
4. Analyse how human body responds to use and disuse across the lifespan.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 50%	•	•	•	•
2 - Practical Assessment - 50%	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•
2 - Problem Solving	•	•	•	•
3 - Critical Thinking				•
4 - Information Literacy	•	•	•	

Graduate Attributes	Learning Outcomes			
	1	2	3	4
5 - Team Work				
6 - Information Technology Competence	•	•	•	•
7 - Cross Cultural Competence				
8 - Ethical practice	•			
9 - Social Innovation				
10 - Aboriginal and Torres Strait Islander Cultures				

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Online Quiz(zes) - 50%	•	•	•			•				
2 - Practical Assessment - 50%	•	•	•					•		

Textbooks and Resources

Textbooks

ALLH11004

Prescribed

Gray's Anatomy for Students

Edition: 3rd (2014)

Authors: Richard Drake, A. Wayne Vogl, Adam W. M. Mitchell

Elsevier Health Sciences

London , United Kingdom

ISBN: 9780702051319

Binding: Paperback

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Stanley Serafin Unit Coordinator
s.serafin@cqu.edu.au

Schedule

Week 1 - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Introduction & Terminology. Role of the Cardiovascular System in Body Maintenance & Physiological Regulation. Shoulder.	Gray's Anatomy for Students by Drake et al: Chapter 1 - The Body Chapter 7 - Upper Limb (read from beginning up until regional anatomy of arm) pp. 682-749 Fundamentals of Anatomy & Physiology by Martini et al: Chapter 21 - Blood Vessels & Circulation	Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 2 - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Arm & Elbow.	Chapter 7 - Upper Limb (read section on regional anatomy of arm up until forearm) pp. 750-770	Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 3 - 23 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Forearm & Wrist.	Chapter 7 - Upper Limb (read section on regional anatomy of forearm up until hand) pp. 771-791	Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 4 - 30 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Hand. Upper Limb Function & Effects of Use & Disuse Across the Lifespan.	Chapter 7 - Upper Limb (read section on regional anatomy of hand) pp. 792-818 Additional readings in unit Moodle site	Quiz 1 opens 07:00 AM (AEST) Friday 3 August and must be completed by 12:00 PM Monday 6 August. Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 5 - 06 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Bones & Joints of the Trunk.	Chapter 2 - Back (read from beginning up until section on regional anatomy of back musculature) pp. 51-83 Chapter 3 - Thorax (read skeletal framework section in regional anatomy of thoracic wall) pp. 143-149	Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Vacation Week - 13 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
No classes - self-directed revision.		

Week 6 - 20 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic

Muscles of the Trunk. Trunk Function & Effects of Use & Disuse Across the Lifespan.	Chapter 2 - Back (read section on regional anatomy of back musculature) pp. 84-98 Chapter 3 - Thorax (read intercostal spaces section in regional anatomy of thoracic wall up until pleural cavities) pp. 150-161 Chapter 4 - Abdomen (read regional anatomy sections on anterolateral muscles and posterior abdominal wall) pp. 282-287, 367-371 Additional readings in unit Moodle site	Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.
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Week 7 - 27 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Neurovascularity of the Trunk. Role of the Respiratory & Digestive Systems in Body Maintenance & Physiological Regulation.	Chapter 3 - Thorax (read regional anatomy sections on pleural cavities and mediastinum) pp. 162-240 Chapter 4 - Abdomen (read regional anatomy sections on abdominal viscera and posterior abdominal region, and surface anatomy) pp. 303-309, 343-409 Fundamentals of Anatomy & Physiology by Martini et al: Chapter 23 - Respiratory System Chapter 24 - Digestive System	Quiz 2 opens 07:00 AM (AEST) Friday 31 August and must be completed by 12:00 PM Monday 3 September. Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 8 - 03 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Bones & Joints of the Head & Neck.	Chapter 8 - Head & Neck (read conceptual overview and regional anatomy sections on skull, cranial cavity, bony orbit, temporomandibular joint, all skeletal framework sections, and teeth) pp. 835-872, 927-931, 934-935, 966, 972-976, 993, 1041, 1069-1079, 1087-1090, 1114-1119	Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 9 - 10 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Muscles of the Head & Neck. Head & Neck Function & Effects of Use & Disuse Across the Lifespan.	Chapter 8 - Head & Neck (read regional anatomy sections on muscles of face, orbit, mastication, neck, pharynx, larynx & tongue) pp. 904-910, 936-940, 977, 1007-1009, 1024, 1042-1044, 1061-1063, 1092-1099 Additional readings in unit Moodle site	Quiz 3 opens 07:00 AM (AEST) Friday 14 September and must be completed by 12:00 PM Monday 17 September. Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 10 - 17 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Blood Supply of the Head & Neck	Chapter 8 - Head & Neck (read regional anatomy sections on meninges & blood supply of brain, face, scalp, orbit, neck, pharynx, larynx & nasal cavities) pp. 873-793, 925-926, 1003-1005, 1049-1050, 1066-1067, 1082-1084	Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.

Week 11 - 24 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Nerve Supply of the Head & Neck	Chapter 8 - Head & Neck (read regional anatomy sections on cranial nerves & innervation of face, scalp, orbit, pharynx, larynx, nasal cavities, oral cavity & muscles) pp. 894-903, 914-916, 942-946, 1051, 1068, 1085-1086	Quiz 4 opens 7:00 AM (AEST) Thursday 27 September and must be completed by 12:00 PM Tuesday 2 October. Weekly tutorials and practicals - see lab schedule and unit Moodle site for details.
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Week 12 - 01 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
Residential School & Practical Assessment	Mixed Mode Students: Compulsory residential school in ROK. All Students: Practical Assessment.	Practical Assessment

Review/Exam Week - 08 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
Exam Week - 15 Oct 2018		

Term Specific Information

The unit coordinator is Stanley Serafin (s.serafin@cqu.edu.au, 02 9324 5719). Stanley delivers the tutorial in Sydney. Mischa Bongers (m.bongers@cqu.edu.au) delivers the tutorials in Rockhampton. Stephen Skippen (s.skippen@cqu.edu.au) delivers the tutorials in Bundaberg.

Moodle is the principle means of communication in this unit. All essential information has been provided there so please read through it thoroughly. General queries are to be posted onto the Q&A forum on the unit Moodle site. For queries of a personal nature, email or phone Stanley.

Internal students (SYD, ROK, BDG) must enroll in the lecture and one weekly three-hour tutorial. Specific times for each campus are provided in the CQUni Handbook: <https://handbook.cqu.edu.au/timetables/index>. Mixed Mode students must enroll in the compulsory Residential School which is delivered by Stanley in Rockhampton in week 12.

Assessment Tasks

No Assessment Title

Assessment Type

Online Quiz(zes)

Task Description

An understanding of human anatomy and physiology is essential to many health professions. The fundamentals of this knowledge must be learnt and understood. The various health professions you have chosen to study have selected the knowledge and concepts taught in this unit as relevant to your future scope of practice.

1. There will be four separate online quizzes to assess your knowledge of the unit material.
2. The number of questions and weighting for each quiz is outlined below.
3. Only one attempt is allowed on each quiz so ensure you have a good internet connection before starting.
4. There is a minimum mark requirement in the assessment task: 50%.
5. In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.
6. Dates that each quiz open and close are outlined below. Each quiz must be completed on or before the due date listed.

Quiz	Topic	Questions	Weighting	Time / Date the Quiz Opens	Time / Date the Quiz Closes
1	Week 1,2,3,4	15	15%	07:00 AM (AEST) Friday Week 4	12:00 PM (AEST) Monday Week 5

2	Week 5,6,7	15	15%	07:00 AM (AEST) Friday Week 7	12:00 PM (AEST) Monday Week 8
3	Week 8,9	10	10%	07:00 AM (AEST) Friday Week 9	12:00 PM (AEST) Monday Week 10
4	Week 10,11	10	10%	07:00 AM (AEST) Thursday Week 11	12:00 PM (AEST) Tuesday Week 12

Additional details regarding the Online Quizzes may be found on the unit Moodle site.

Number of Quizzes

4

Frequency of Quizzes

Other

Assessment Due Date

See 'Task description' above.

Return Date to Students

Immediately upon quiz closure.

Weighting

50%

Minimum mark or grade

50% overall average for the 4 Online Quizzes combined.

Assessment Criteria

Questions will be automatically marked correct or incorrect.

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Identify anatomical structures of the skeletal, muscular and nervous systems for the head and upper quadrant.
- Explain the role of the respiratory, cardiovascular and digestive systems in body maintenance and physiological regulation.
- Explain normal function of human movement.
- Analyse how human body responds to use and disuse across the lifespan.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Technology Competence

No Assessment Title

Assessment Type

Practical Assessment

Task Description

In the clinical context, health professionals are expected to have in-depth knowledge and understanding of anatomical structures, physiological systems and their interrelation. In a university simulation setting you will take part in practical learning activities with anatomical models, bones and real plastinated human bodies for the purpose of familiarization with these structures.

In this practical assessment you will:

1. identify and describe anatomical structures of the skeletal, muscular and nervous systems for the head and upper quadrant on anatomical models, bones and real plastinated human bodies
2. explain the role of the respiratory, cardiovascular and digestive systems in body maintenance and physiological regulation
3. explain normal function of human movement
4. analyse how the human body responds to use and disuse across the lifespan

The practical assessment is worth 50% of your overall mark for the unit. It is approximately 1 hour in duration. It consists

of approximately 20 stations set up around the room, each with one specimen. At each station will be a station identifier that lists the questions. Some stations will have several brief identification type questions, while others may have just one physiology question. After a set period of time, you will rotate to the next station and repeat this until you have been at all stations. There will be 1 student at each station at a time. You will be given an answer sheet on which to write your answers. The practical assessment is closed book so the only things you will be allowed to have on you are pens (blue or black ink only), your answer sheet and ID (e.g., driver's license). Structures will be tagged using coloured chalk or stickers labeled A, B, C, D, etc. Questions will cover the anatomy and physiology of muscles, bones, joints, nerves, blood vessels, viscera and supporting structures in the head and neck, thorax, abdomen, back and upper limbs. Students are responsible for all content covered in class for the entire term that is visible on the specimens that we have, with particular emphasis placed on the practical activities.

Assessment Due Date

All students take the practical assessment in person in Week 12 in either Rockhampton, Bundaberg or Sydney. The exact date and time differs for each campus and will be posted on Moodle.

Return Date to Students

Within 2 weeks of assessment date.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

For the practical assessment, your responses are scored according to the following criteria:

- correctness, relevance and completeness of the response to the question asked
- correct spelling and use of anatomical and physiological terminology

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Offline

Submission Instructions

Hard Copy, Practical Assessment

Learning Outcomes Assessed

- Identify anatomical structures of the skeletal, muscular and nervous systems for the head and upper quadrant.
- Explain the role of the respiratory, cardiovascular and digestive systems in body maintenance and physiological regulation.
- Explain normal function of human movement.
- Analyse how human body responds to use and disuse across the lifespan.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Ethical practice

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem