



MEDI11003 *Relational Anatomy*

Term 3 - 2021

Profile information current as at 06/05/2024 09:50 pm

All details in this unit profile for MEDI11003 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

The unit examines the human body from a three-dimensional perspective. Each major anatomical structure is studied in terms of its spatial characteristics, both internally and relative to its surroundings, body planes and external landmarks. Relational anatomy knowledge is then applied to identification of those structures on medical images of a variety of modalities.

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

Prereq: BMSC11001 Human Body Systems 1 and Coreq: BMSC11002 Human Body Systems 2

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 3 - 2021

- Online

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).

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 Test**

Weighting: 40%

2. **Online Test**

Weighting: 60%

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 Student comments and evaluation

Feedback

Students found the tutorials helpful and engaging, and liked having questions from previous weeks' content included

Recommendation

Maintain tutorial structure

Feedback from Evaluation

Feedback

There was some difficulty in seeing detail on anatomical models in some lecture videos

Recommendation

Review lectures and ensure that when anatomical models are used, that they are in full-screen mode

Feedback from Student comments and evaluation

Feedback

Students found the weekly formative quizzes helpful to review content and understanding.

Recommendation

Maintain and update formative weekly quizzes.

Feedback from Coordinator reflection and discussion with the Medical Imaging teaching team.

Feedback

The small quizzes were designed to complement the residential school and assess content in the residential school. The residential school no longer runs and the quizzes simply add to the number of assessments students must complete without adding value to their learning.

Recommendation

Review the assessment strategy for this unit.

Unit Learning Outcomes

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

1. Describe the typical shape, size, orientation and location of each major anatomical structure
2. Express using correct terminology the spatial orientation of each major anatomical structure relative to its neighbouring structures, surface landmarks and body planes
3. Identify major anatomical structures on anatomical drawings, anatomical sections and medical images
4. Orient sectional images relative to orthogonal body planes and body regions.

This unit maps to the following components of the Medical Radiation Practice Board of Australia's Professional Capabilities for Medical Radiation Practice:

Domain 1: Medical radiation practitioner:capability 1









Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Test - 40%	•	•	•	•
2 - Online Test - 60%	•	•	•	•

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				
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 Test - 40%										
2 - Online Test - 60%										

Textbooks and Resources

Textbooks

MEDI11003

Prescribed

Sectional Anatomy for Imaging Professionals

Edition: 4th (2017)

Authors: Kelley & Petersen

Elsevier

St. Louis , Missouri , USA

ISBN: 978-0-323-41487-6 (paperback); 978-0-323-59537-7 (e-book)

Binding: Paperback

Additional Textbook Information

Paperback or e-book are acceptable.

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Zoom, Speakers

Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Karen Finlay Unit Coordinator

k.finlay@cqu.edu.au

Schedule

Week 1 - 08 Nov 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• Introduction to Sectional Anatomy• The Spine.	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapters 1 & 4	Zoom tutorials as scheduled.

Week 2 - 15 Nov 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Upper Limb	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 9	Zoom tutorials as scheduled.

Week 3 - 22 Nov 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Lower Limb	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 9	Zoom tutorials as scheduled.

Week 4 - 29 Nov 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Thorax Part 1	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 6	Zoom tutorials as scheduled.

Vacation Week - 06 Dec 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• Break Week - Self directed revision		

Week 5 - 13 Dec 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Thorax Part 2 - The Heart	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 6	Zoom tutorials as scheduled.

Week 6 - 20 Dec 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Abdomen:• Introduction• Large Structures• Vasculature	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Zoom tutorials as scheduled.

Vacation Week - 27 Dec 2021

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• Break Week - Self directed revision		

Week 7 - 03 Jan 2022

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Abdomen:• Liver/Biliary• Spleen/Pancreas	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Zoom tutorials as scheduled. Mid-term test opens at 8am AEST on Tuesday 4th January. Test closes at 8am AEST on Wednesday 5th January.

Week 8 - 10 Jan 2022

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Abdomen:• Urinary Tract• Digestive Tract	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 7	Zoom tutorials as scheduled.

Week 9 - 17 Jan 2022

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• The Pelvis	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 8	Zoom tutorials as scheduled.

Week 10 - 24 Jan 2022

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none">• Cranium and brain	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapter 2	Zoom tutorials as scheduled.

Week 11 - 31 Jan 2022

Module/Topic	Chapter	Events and Submissions/Topic
• Neck and facial bones	Sectional Anatomy for Imaging Professionals Kelley & Petersen Chapters 2 & 5	Zoom tutorials as scheduled.
Week 12 - 07 Feb 2022		
Module/Topic	Chapter	Events and Submissions/Topic
• Revision		Zoom tutorials as scheduled.
Exam Week - 14 Feb 2022		
Module/Topic	Chapter	Events and Submissions/Topic
		End of term online test. Date and time to be advised.

Term Specific Information

The unit coordinator for this unit is: Karen Finlay.

I can be contacted at k.finlay@cqu.edu.au or on 07 4940 7598. During the term I may be off campus or teaching another unit. For this reason the preferred method for initial contact is via email. I can then organise a mutually convenient time to talk if required.

As a 6-credit unit, you should spend 150 hours studying and completing assessments over the term. This equates to approximately 12.5 hours of study per week. It is important that you maintain engagement with the unit content and a suggested time budget for this unit is shown below:

Pre-reading - Approximately 2 hours per week

Watching lecture presentations and making notes - Approximately 3 hours per week

Completing formative weekly quizzes - Approximately 1 hour per week

Preparation for and attendance at the Zoom tutorial - Approximately 2 hours per week

Revising for and completing assessment tasks - Approximately 50 hours over the term

Assessment Tasks

1 Mid-Term Test

Assessment Type

Online Test

Task Description

Radiographers are health professionals who are responsible for imaging human anatomy. As such, they are expected to be able to identify organs and structures in any cross-section and at any level in the body. The relative positions of organs may help to differentiate normal from abnormal body processes. In this task you are required to identify, describe and orient structures in the human body using terminology expected of a radiographer.

The online test will assess your knowledge of the name, location, size, orientation and relative position of major structures studied during Weeks 1 - 6, and your use of professional terminology to communicate that knowledge. Question tasks may include identifying and locating structures on diagrams and/or diagnostic images, describing morphological features of major structures and articulating spatial relationships between structures and body landmarks.

The online test will be time-limited, and once you open the test you will not be able to pause or re-start it. Once opened, the test will remain open for 60 minutes and will then automatically close. Any unanswered questions or unsaved responses will receive a mark of zero. The test will be made available via the unit Moodle site.

You must undertake the test as individuals and not with classmates or others. As with all other University assessments, colluding with other students on a non-group work task is considered academic misconduct and will be dealt with in accordance with the Student Academic Integrity Policy. The test is open-book, but be mindful of the time-limited nature of the test. If you answer the questions using any text other than lectures or the prescribed text, you must cite your sources using the Harvard referencing system. Failure to cite sources constitutes academic misconduct and will be dealt with in accordance of the relevant policy.

In the absence of an approved assessment extension, if you do not complete the test by the stated due date and time, you will receive a mark of zero for this assessment.

Assessment Due Date

The test will open at 8am AEST on Tuesday 4th January 2022 and will close at 8am on Wednesday 5th January 2022.

Return Date to Students

Test results will be released two weeks after students have completed the test (including approved extensions)

Weighting

40%

Assessment Criteria

Your responses are scored on the following criteria:

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

The marks allocated per response will be indicated in the test question information.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Test questions are accessed and submission made via the unit Moodle site.

Learning Outcomes Assessed

- Describe the typical shape, size, orientation and location of each major anatomical structure
- Express using correct terminology the spatial orientation of each major anatomical structure relative to its neighbouring structures, surface landmarks and body planes
- Identify major anatomical structures on anatomical drawings, anatomical sections and medical images
- Orient sectional images relative to orthogonal body planes and body regions.

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy

2 End of term test

Assessment Type

Online Test

Task Description

Radiographers are health professionals who are responsible for imaging human anatomy. As such, they are expected to be able to identify organs and structures in any cross-section and at any level in the body. The relative positions of organs may help to differentiate normal from abnormal body processes. In this task you are required to identify, describe and orient structures in the human body using terminology expected of a radiographer.

The end-of-term online test will assess your knowledge and understanding of all content delivered through the term, and your use of professional terminology to communicate that knowledge. Question tasks may include identifying and locating structures on diagrams and/or diagnostic images, describing morphological features of major structures and articulating spatial relationships between structures and body landmarks.

The online test will be time-limited, and once you open the test you will not be able to pause or re-start it. Once opened,

the test will remain open for 120 minutes and will then automatically close. Any unanswered questions or unsaved responses will receive a mark of zero. The test will be made available via the unit Moodle site.

You must undertake the test as individuals and not with classmates or others. As with all other University assessments, colluding with other students on a non-group work task is considered academic misconduct and will be dealt with in accordance with the Student Academic Integrity Policy. The test is open-book, but be mindful of the time-limited nature of the test. If you answer the questions using any text other than lectures or the prescribed text, you must cite your sources using the Harvard referencing system. Failure to cite sources constitutes academic misconduct and will be dealt with in accordance with the relevant policy.

In the absence of an approved assessment extension, if you do not complete the test by the stated due date and time, you will receive a mark of zero for this assessment.

Assessment Due Date

The test will be conducted during the university examination period, at a time to be specified.

Return Date to Students

Marks will be released two weeks after students have completed the test (including approved extensions)

Weighting

60%

Minimum mark or grade

50%

Assessment Criteria

Your responses are scored on the following criteria:

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

The marks allocated per response will be indicated in the test question information.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Learning Outcomes Assessed

- Describe the typical shape, size, orientation and location of each major anatomical structure
- Express using correct terminology the spatial orientation of each major anatomical structure relative to its neighbouring structures, surface landmarks and body planes
- Identify major anatomical structures on anatomical drawings, anatomical sections and medical images
- Orient sectional images relative to orthogonal body planes and body regions.

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy

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