# MEDS11002 Relational Anatomy and Image Recognition Term 2 - 2024

#### Profile information current as at 06/07/2025 02:48 am

All details in this unit profile for MEDS11002 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 examines the gross, topographical and relational anatomy of the human body and develops the pattern recognition skills to identify normal anatomical structures on medical images. Each macroscopic anatomical structure, or its constituent part, is studied in terms of spatial characteristics, relative to adjacent structures, body planes, external and internal landmarks relevant to sonographic practice. This knowledge is engaged to enhance the development of pattern recognition skills in relation to the cross-sectional, oblique, coronal and sagittal display of these anatomical structures on normal medical images, with a particular focus on the interpretation of sonographic images.

### Details

Career Level: Undergraduate Unit Level: Level 1 Credit Points: 12 Student Contribution Band: 8 Fraction of Full-Time Student Load: 0.25

### Pre-requisites or Co-requisites

Prerequisite: BMSC11001 Human Body Systems 1 OR BMSC11010 Human Anatomy and Physiology 1 AND Corequisite BMSC11002 Human Body Systems 2 OR BMSC11011 Human Anatomy and Physiology 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 <u>Assessment Policy and</u> <u>Procedure (Higher Education Coursework)</u>.

# Offerings For Term 2 - 2024

Mixed Mode

### 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 12-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 hours for the unit.

# **Class Timetable**

#### **Regional Campuses**

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

#### Metropolitan Campuses Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

 Online Quiz(zes) Weighting: 20%
Online Test Weighting: 20%
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 <u>University's Grades and Results Policy</u> 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 <u>CQUniversity Policy site</u>.

# 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 SUTE data.

#### Feedback

Students requested that it could be made clearer by unit coordinator that much of the learning occurs in the tutorial/study group.

#### Recommendation

Although students are already informed via the unit profile, unit Moodle page, and weekly emails, further communications and posts to inform students that their deep understanding of unit content occurs in interactive online tutorials and study groups could be made.

### Feedback from SUTE data.

#### Feedback

Students enjoy the twice-weekly live interactions with teachers and other students via online tutorials on a Tuesday and online Study groups on a Thursday.

#### Recommendation

Continue with online interactive tutorials and study groups, to allow students regular interactions with teachers and their peers.

# **Unit Learning Outcomes**

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

- 1. Describe the features and location of sonographically significant macroscopic anatomical structures
- 2. Describe the spatial orientation of each anatomical structure relative to adjacent structures, body planes and landmarks
- 3. Identify cross-sectional, coronal and sagittal representation of organs and structures
- 4. Apply the skill of pattern recognition to the interpretation of medical images, particularly sonographic
- 5. Identify anatomical features on medical images, particularly sonographic views.

The sonography course is accredited by the Australian Sonographers Association and knowledge required by entry-level sonographers is introduced in this unit and is a key requirement of accreditation.

# Alignment of Learning Outcomes, Assessment and Graduate Attributes

N/A Level
Introductory Intermediate Level
Graduate Level
Professional Level
Advanced Level

# Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Online Quiz(zes) - 20%				•	•
2 - Online Test - 20%	•	•	•	•	•
3 - Online Test - 60%	•	•	•		

# Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	
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						

# Textbooks and Resources

### Textbooks

MEDS11002

#### Prescribed

#### **Sectional Anatomy for Imaging Professions**

Edition: 4 (2018) Authors: Lorrie L Kelley & Connie M Petersen Elsevier St Louis , Missouri , USA ISBN: 978-0-323-41487 Binding: Paperback MEDS11002

#### Supplementary

#### **Gray's Anatomy for Students**

Edition: 3 (2014) Authors: Drake, Richard; Vogl, A. Wayne; Mitchell, Adam. W. M. Elsevier Philadelphia , PA , USA ISBN: 9780702051333 Binding: eBook MEDS11002

#### Supplementary

#### Sectional Anatomy for Imaging Professions - Workbook

Edition: 4 (2018) Authors: Lorrie L Kelley & Connie M Petersen Elsevier St Louis , Missouri , USA ISBN: 978-0-323-56961-3 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)
- Computer with camera and microphone to participate in tutorials via zoom

# **Referencing Style**

All submissions for this unit must use the referencing style: <u>Vancouver</u> For further information, see the Assessment Tasks.

# **Teaching Contacts**

#### Michelle Fenech Unit Coordinator m.fenech@cqu.edu.au

# Schedule

Week 1 - The pelvis part 1 - 08 Jul 2024					
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>			
Pelvis part 1	Chapter 8 Kelley and Petersen text <u>Please note: the direction for</u> <u>where to focus your learning for</u> <u>this unit is achieved by attending</u> <u>tutorials and study groups.</u>	Tutorial Tuesday 11 am to 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am - 1 pm.			
Week 2 - The pelvis part 2 - 15 Jul 2	024				
Module/Topic	Chapter	Events and Submissions/Topic			
Pelvis part 2	Chapter 8 Kelley and Petersen text	Tutorial Tuesday 11 am to 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am - 1 pm.			
Week 3 - The abdomen part 1 - 22 J	ul 2024				
Module/Topic	Chapter	Events and Submissions/Topic			
The abdomen part 1	Chapter 7 Kelley and Petersen text	Tutorial Tuesday 11 am - 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am - 1 pm.			
Week 4 - The abdomen part 2 - 29 J	ul 2024				
Module/Topic The abdomen part 2	Chapter 7 Kelley and Petersen text	Events and Submissions/Topic Tutorial Tuesday 11 am to 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am - 1 pm. Online quiz 1 to be completed - opens 9 am Wed 31st July and closes 11:59 pm Friday 2nd August (AEST) assessing Pelvis content (weeks 1 and 2 content) only. 15 mins duration.			
Week 5 - The thorax - 05 Aug 2024					
Module/Topic The thorax	Chapter Chapter 6 Kelley and Petersen text	Events and Submissions/Topic Tutorial Tuesday 11 am to 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am to 1 pm.			
Break Week - 12 Aug 2024					
Module/Topic	Chapter	Events and Submissions/Topic			
Take a break or use this week to catch up. There is no new content delivered this week and no tutorial/study groups this week.					
Week 6 - The neck - 19 Aug 2024					
Module/Topic	Chapter	Events and Submissions/Topic			

The neck	Chapter 5 Kelley and Petersen text	Tutorial Tuesday TBC. Virtual study group via Zoom TBA. Dr Fenech away this week - alternative tutor to facilitate (timings dependent on their availability). Online quiz 2 to be completed - opens 9 am Wednesday 21st August and closes 11:59 pm Friday 23rd August (AEST) assessing Abdomen content (weeks 3 and 4 content) only. 15 mins duration. Assessment 1: Online quiz 1 (week 4) and Online quiz 2 (week 6) Due: Week 6 Friday (23 Aug 2024) 11:59 pm AEST
Week 7 - The lower limb - 26 Aug 2 Module/Topic		Events and Submissions/Tenis
Module/Topic	Chapter	Events and Submissions/Topic
The lower limb	Chapter 10 Kelley and Petersen text	Tutorial Tuesday 11 am - 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am - 1 pm.
Week 8 - The upper limb - 02 Sep 2	2024	
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
The upper limb	Chapter 9 Kelley and Petersen text	Tutorial Tuesday 11 am to 1 pm AEST via Zoom. Virtual study group Thursday 11 am - 1 pm via Zoom.
Week 9 - Revision, catch up and Re	esidential school - 09 Sep 2024	
Module/Topic	Chapter	Events and Submissions/Topic
An on-campus residential school is held on Tuesday 10th September (non-compulsory). <b>No new content is delivered this</b> week. This week allows consolidation of learning of content from weeks 1 - 8.	No new content designated for this week - revision only.	Residential school: Tuesday 10th September 8.30am - 3.00 pm (local time). Students must attend at their campus of enrolment. The residential school is non- compulsory but is a fun learning experience to use the ultrasound units to image the anatomy we have covered to date and consolidate your learning. It is also an opportunity to catch up with your peers, meet new friends, and talk to your tutors in a face-to-face environment. There are no online classes this week. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only (up to and including lower limb content). It is to be completed on Friday 13th September (Friday this week). It will be open between 8 am and 11:59 pm AEST. It is 50 minutes in duration. It must be completed at some stage throughout the time when the test is open. Assessment 2: Week 9 Online test (Online test 1) Due: Week 9 Friday
Week 10 - The brain and cranium -	16 6 2024	(13 Sept 2024) 11:59 pm AEST

Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
The brain and cranium	Chapter 2 and 3 Kelley and Petersen text	Tutorial Tuesday 11 am to 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am to 1 pm.
Week 11 - The spine and back - 23	Sep 2024	
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
The spine and back	Chapter 4 Kelley and Petersen text	Tutorial Tuesday 11 am to 1 pm AEST via Zoom. Virtual study group Thursday via Zoom 11 am to 1 pm.
Week 12 - Facial muscles and facia	al bones - 30 Sep 2024	
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
Facial muscles and facial bones	Chapter 2 Kelley and Petersen text Tutorial relating to facial muscles and facial bones will be pre-recorded and available this week.	Tutorial Tuesday 11 am to 1 pm. No scheduled virtual study group this week to allow you to undertake self- study in preparation for the final online test.
Review/Exam Week - 07 Oct 2024		
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
	Revise content covered in lectures, tutorials and study groups, as all is able to be assessed. Good luck :)	Online test 2 (Final online test) will assess content from all weeks of the term (1-12). It will open at 8 am Friday 11th October 2024 and close at 11:59 pm that evening. You will have 2 hours (120 minutes) to complete the test.
		Assessment 3: Online test 2 - End of term test Due: Review/Exam Week Friday (11 Oct 2024) 11:59 pm AEST
Exam Week - 14 Oct 2024		
Module/Topic	Chapter	Events and Submissions/Topic

# Term Specific Information

Your unit coordinator for this unit, Relational Anatomy and Image Recognition (MEDS11002), is Dr Michelle Fenech. Dr Fenech is based at the Brisbane campus. The best way to contact her is via email: m.fenech@cqu.edu.au. Dr Fenech will send you out emails at the start of each week, to update you on what we are covering for the week, and what learning activities are occurring, so please check your emails regularly. Questions regarding the unit can be placed in the Q and A forum, where all students can benefit from your question and the subsequent answer.

This unit is a 12-credit-point unit, and it covers the structural anatomy of the whole body, and how the anatomical structures can be represented and identified on medical images which includes x-rays (plain radiographs), computed tomography (CT), including positron emission tomography CT (PETCT), magnetic resonance imaging (MRI) and ultrasound imaging. As there is a lot to cover in this unit, the approach to learning has been specifically designed. There are pre-recorded lectures available to you each week (these are available at least the week before the scheduled learning week). These cover a lot of content but place your learning into context. Do not get overwhelmed by these lectures. They contain a lot of information, and you are not expected to know everything covered in these lectures. They should be watched (without note taking) prior to attending the tutorials and study groups.

The pertinent content relevant to your future role as a sonographer and part of a medical imaging team, will be unpacked in live and interactive online tutorials and study groups offered each week. These tutorials and study groups are delivered via Zoom each week, except week 9. The tutorials and study groups relate to the learning allocated that week in the schedule. Your learning will be best achieved by attending these tutorials and study groups (or watching the recordings if you cannot attend live) and being guided by what is covered and discussed in these tutorials/study groups and adopting the systematic approach to remembering anatomy, and where structures sit relative to others, and identifying structures from medical images. This is all outlined clearly and simply in these sessions. It is very important for you to try to keep up to date week by week with the learning in this unit. Regular engagement with the learning activities provided is essential to allow yourself to keep up and achieve success in this unit. If you are encountering any sort of issues throughout the term, please contact Dr Fenech as early as possible, so we can establish a plan to support and help you.

There are additional resources available to help your learning and enhance your learning experience in this unit. This includes:

**1. Access to 'Complete Anatomy' by Elsevier.** This excellent resource allows you to rotate anatomy structures around, peel off layers of structures, and practice identifying them, with instant feedback to see if your thinking is correct.

2. Formative online quizzes, which can help you check your knowledge, and identify gaps in your understanding,

**3. Medical images and diagrams to label (called images to label)**, which allow you to practice identifying structures from medical images and check your knowledge,

4. Guides to build play-dough models of anatomy, to make learning more tactile,

**5. Peer Assisted Study Sessions (called PASS)**, where sonography students of higher year levels in the course, that have successfully completed this unit, facilitate sessions. These are a great way to learn, and discuss anatomy with your peers, as learning anatomy can be like learning a new language. In these sessions you can go through the 'images to label' and play with 'Complete Anatomy' with others, to further develop your three-dimensional (3D) understanding of anatomy.

#### It is important to be familiar with the timing of assessments in this unit:

1. week 4 - Online quiz 1 (pelvis anatomy)

- 2. week 6 Online quiz 2 (abdominal anatomy)
- 3. week 9 Week 9 Online test (tests weeks 1 7)

4. week 13 - End of term online test (tests all content)

**The non-compulsory residential school is held on the Tuesday in week 9.** You are required to attend your campus of enrolment. It will run from 8:30 am to 3 pm. You will have the opportunity to use the ultrasound units to obtain imaging of anatomy models. We may scan each other for certain components of the day. There is no assessment associated with the residential school, however it does help things start to make sense, when you see the ultrasound images in real time, and can see the ultrasound image moving, and how it changes when you move the ultrasound transducer. It is intended to be a fun, non-intimidating learning experience for you. It is usually around week 9, when your understanding of the anatomy we have covered in different areas of the body really develops.

### Assessment Tasks

# 1 Assessment 1: Online quiz 1 (week 4) and Online quiz 2 (week 6)

#### Assessment Type

Online Quiz(zes)

#### Task Description

There are two online quizzes (online quiz 1 and 2) which contribute to 20% of your overall grade (each quiz is worth 10%).

The quizzes can be accessed via the MEDS11002 unit Moodle site, under the 'Assessment' tile. Each quiz will consist of 10 multiple choice questions.

You will have 15 minutes to complete each guiz (equating to 1.5 minutes per guestion).

Please note the due dates for both guizzes:

Online quiz 1 will open at 9 am Wednesday 31st July and will close at 11:59 pm Friday 2nd August (AEST) and will assess content related to weeks 1 and 2 (pelvic anatomy).

# Online quiz 2 will open 9 am Wednesday 21st August and will close at 11:59 pm Friday 23rd August (AEST) and will assess content related to week 3 and 4 (abdominal anatomy).

You will require internet access to complete these online quizzes.

As these quizzes involve multiple choice questions, you will be required to select the most appropriate answer from a selection of possible answers in relation to the question asked.

#### Number of Quizzes

2

Frequency of Quizzes Other

Assessment Due Date

Week 6 Friday (23 Aug 2024) 11:59 pm AEST

Friday 23rd August is the due date for online quiz 2. Note: The due date for online quiz 1 is Friday 2nd August at 11:59 pm in week 4.

#### **Return Date to Students**

Week 9 Monday (9 Sept 2024)

Feedback will be available after all students have completed the quizzes.

Weighting 20%

#### Assessment Criteria

Questions will involve identifying anatomical structures from medical images or anatomy diagrams/models and describing spatial relationships.

Quizzes will be graded on the correct answers provided related to the questions asked. There are 10 questions within each online quiz.

#### **Referencing Style**

<u>Vancouver</u>

Submission Online

#### **Submission Instructions**

These online quizzes must be completed by you, without assistance or collusion with others. Any evidence of collusion will be dealt with in adherence with the CQU student academic integrity policy and procedure.

#### Learning Outcomes Assessed

- Apply the skill of pattern recognition to the interpretation of medical images, particularly sonographic
- Identify anatomical features on medical images, particularly sonographic views.

### 2 Assessment 2: Week 9 Online test (Online test 1)

### Assessment Type

**Online Test** 

Task Description This Week 9 Online Test (Online test 1) will be conducted in week 9 on Friday 13th September. The test will be open for you to complete from 8 am to 11:59 pm AEST. The test will be 50 minutes duration. You need to complete this test during the time the test is open. The test follows the one-day residential school on Tuesday (10 Sept) where you are provided the opportunity to deepen your understanding and consolidate your learning of content from weeks 1 to 7.

Online test 1 will assess your understanding of content pertaining to weeks 1 - 7 of this unit.

The questions will involve a combination of question types, including multi-choice quiz (MCQ) questions, mix and match questions and possibly some short answer questions which will require typed answers.

Questions may include, but are not limited to, identifying anatomical structures from diagnostic medical images or diagrams as well as identifying or describing locations, orientations and relative positions of anatomical structures.

#### Assessment Due Date

Week 9 Friday (13 Sept 2024) 11:59 pm AEST

This online test will be only open for the duration of the test. The test will be available for you to complete between 8 am and 11:59 pm AEST Friday 13th September.

#### **Return Date to Students**

Week 12 Monday (30 Sept 2024)

Feedback will be provided once all students have completed the test.

#### Weighting

20%

#### Assessment Criteria

Multiple choice quiz questions will require the most correct answer to be selected.

Short answer questions will require typed responses.

Typed response answers will be assessed according to:

- The use of appropriate anatomic terminology and descriptors and directional terms (superior, inferior, medial, lateral, anterior, posterior, superficial, deep, right and left)

- Correct spelling of anatomical and technical terms

- Relevance of response to the question asked

- Adequate detail provided in the answer to demonstrate awareness of bilateral structures (the use of right and left terminology will be required in some answers where bilateral structures have been demonstrated and differentiation between right and left sided structures is needed)

- Appropriate identification of anatomical structures (with correct names provided) from medical images

- Appropriate and correct description of where a structure of interest sits relative to other structures.

#### **Referencing Style**

• <u>Vancouver</u>

#### Submission

Online

#### **Submission Instructions**

Access Online test 1 via the assessment tile on the MEDS11002 unit Moodle site. This online test must be completed by you, without assistance or collusion with others. Any evidence of collusion will be dealt with in adherence with the CQU student academic integrity policy and procedure.

#### Learning Outcomes Assessed

- Describe the features and location of sonographically significant macroscopic anatomical structures
- Describe the spatial orientation of each anatomical structure relative to adjacent structures, body planes and landmarks
- Identify cross-sectional, coronal and sagittal representation of organs and structures
- Apply the skill of pattern recognition to the interpretation of medical images, particularly sonographic
- Identify anatomical features on medical images, particularly sonographic views.

### 3 Assessment 3: Online test 2 - End of term test

#### Assessment Type

**Online Test** 

#### **Task Description**

The **End of Term Online test (Online test 2)** will assess you on content covered throughout the whole of the MEDS11002 unit (weeks 1 to 12). This includes material covered in lectures, tutorials and study groups. The questions will involve a combination of question types, including multi-choice quiz questions, questions where you

are required to match the correct answer to a question and short answer questions which require typed answers. Descriptions of the location of structures relative to other structures may be requested in short answer questions. Identification of structures from medical images and diagrams will also be required.

#### The test will be held on Friday 11th October 2024.

#### The test is 120 minutes (2-hour) duration.

The test will be available for you to complete between 08:00 AM and 11:59 PM on this day.

#### Assessment Due Date

Review/Exam Week Friday (11 Oct 2024) 11:59 pm AEST

The final online test will be available to complete between 08:00 AM and 11:59 PM AEST on Friday 11th October (120 minutes duration).

#### **Return Date to Students**

Exam Week Friday (18 Oct 2024)

Results of Online test 2 will be made available after marking is completed, however all grades are considered 'interim grades' until the unit grades are released (after they have been certified).

#### Weighting

60%

### Assessment Criteria

Multiple choice questions will require the most correct answer to be selected. Answers to short answer questions are required to correctly and adequately address the question. If you are asked to describe the exact location of a structure relative to other structures, detail in the description is required to ensure your description cannot be confused for another structure. A one-word relative term may not be an appropriate answer, and a descriptive sentence will be required.

Short answer responses will require:

- Correct use of anatomic names of structures and positions (not lay person terminology)
- Correct use of relative anatomic terminology
- Answers contain detail to demonstrate depth of understanding and awareness of bilateral structures
- Correct identification of medical imaging planes and interpretation of structural relationships

#### **Referencing Style**

<u>Vancouver</u>

#### Submission

Online

#### **Submission Instructions**

Access Online test 2 (final online test) is via the 'Assessment' tile on the MEDS11002 unit Moodle site. This online test must be completed by you, without assistance or collusion with others. Any evidence of collusion will be dealt with in adherence with the CQU student academic integrity policy and procedure.

#### Learning Outcomes Assessed

- Describe the features and location of sonographically significant macroscopic anatomical structures
- Describe the spatial orientation of each anatomical structure relative to adjacent structures, body planes and landmarks
- Identify cross-sectional, coronal and sagittal representation of organs and structures

# 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 <u>Academic Learning Centre (ALC)</u> can support you in becoming confident in completing assessments with integrity and of high standard.

#### What can you do to act with integrity?





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