# MEDS11002 Relational Anatomy and Image Recognition Term 2 - 2022

#### Profile information current as at 03/05/2024 09:46 pm

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 - 2022

• 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).

## **Residential Schools**

This unit has a Compulsory Residential School for distance mode students and the details are: Click here to see your <u>Residential School Timetable</u>.

### 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 from the "Have your say" area on unit Moodle site.

### Feedback

"Complete Anatomy" by Elsevier was an effective and engaging learning resource which helps students to explore anatomical relationships from different angles and aid learning anatomy.

### Recommendation

Continue to provide "Complete Anatomy" by Elsevier as a learning resource and demonstrate its use in tutorials and virtual study groups.

### Feedback from SUTE data from the "Have your say" area on unit Moodle site.

### Feedback

The combined use of the tutorial and virtual study group throughout each week of term helped to consolidate learning. They also provided access to the lecturer and other students throughout the week.

### Recommendation

Continue to use both a tutorial and virtual study group throughout each week of term to explain concepts beyond content discussed in recorded lectures, to allow students to further explore anatomical relationships and identify structures on medical images.

### Feedback from SUTE data from the "Have your say" area on unit Moodle site.

### Feedback

SImplified hand-drawn drawings and diagrams which were used deconstructed complex anatomy into a simple and easy to understand format.

### Recommendation

Continue to use simplified hand-drawn drawings and diagrams to deconstruct and unpack complex anatomy and highlight important anatomical relationships to enhance student understanding.

## Feedback from SUTE data from the "Have your say" area on unit Moodle site.

### Feedback

The lectures are required to explain content, but the tutorials and virtual study groups explain the important concepts. Emphasise this point to students.

### Recommendation

Further explain the strategy to learn in this unit involves watching recorded lectures and actively interacting in tutorials and study groups. Clearly articulate the purpose of the recorded lectures which is to describe the structural anatomy of particular body regions. Highlight that the tutorials and study groups will focus on sonographically clinically relevant anatomy, explain important anatomical relationships, and how and why structures are identified on medical images.

# 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 evel Introductory - Intermediate Graduate Professional 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

### Additional Textbook Information

These books are available to read online through the Library website. If you would like your own copy, you can purchase both paper and eBook copies at the CQUni Bookshop here: <u>http://bookshop.cqu.edu.au</u> (search on the Unit code).

### 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 - 11 Jul 2	022					
Module/Topic	Chapter	Events and Submissions/Topic				
Pelvis part 1	Chapter 8 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Week 2 - The pelvis part 2 - 18 Jul 2	022					
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>				
Pelvis part 2	Chapter 8 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Week 3 - The abdomen part 1 - 25 Ju	ul 2022					
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>				
The abdomen part 1	Chapter 7 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Week 4 - The abdomen part 2 - 01 A	ug 2022					
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>				
The abdomen part 2	Chapter 7 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. Online quiz 1 to be completed - opens 9 am Wed 3rd August and closes 9 am Friday 5th August (AEST) assessing Pelvis content (weeks 1 and 2 content) only.				
Week 5 - The thorax - 08 Aug 2022						
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>				
The Thorax	Chapter 6 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Break Week - 15 Aug 2022						
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>				
Take a break or use this week to catch up. There is no new content delivered this week and no tutorial this week.						
Week 6 - The neck - 22 Aug 2022						
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>				

The neck	Chapter 5 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. Online quiz 2 to be completed - opens 9 am Wednesday 24th August and closes 9 am Friday 26th August (AEST) assessing Abdomen content (weeks 3 and 4 content) only. Online quiz 1 (week 4) and 2 (week 6) Due: Week 6 Friday (26 Aug 2022) 9:00 am AEST				
Week 7 - The lower limb - 29 Aug 2022						
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>				
The lower limb	Chapter 10 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom				
Week 8 - The upper limb - 05 Sep 20	022					
Module/Topic	Chapter	Events and Submissions/Topic				
The upper limb	Chapter 9 Kelley and Petersen text	Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Week 9 - Virtual Residential school - 12 Sep 2022						
Manda da CT e e la	Chanter	Events and Submissions/Tonic				
Module/Topic	Chapter	Evento ana oaonnosteno, repie				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8.	No new content designated for this week - revision only.	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8.	No new content designated for this week - revision only.	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8. Week 10 - The brain and cranium - : Module/Topic	No new content designated for this week - revision only.	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST Events and Submissions/Topic				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8. Week 10 - The brain and cranium - : Module/Topic The brain and cranium	No new content designated for this week - revision only.	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST Friday (16 Sept 2022) 10:45 am AEST Events and Submissions/Topic Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8. Week 10 - The brain and cranium - : Module/Topic The brain and cranium Week 11 - The spine and back - 26 S	No new content designated for this week - revision only. <b>19 Sep 2022</b> <b>Chapter</b> Chapter 2 and 3 Kelley and Petersen text <b>Sep 2022</b>	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST Events and Submissions/Topic Tutorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8. Week 10 - The brain and cranium - : Module/Topic The brain and cranium Week 11 - The spine and back - 26 S Module/Topic	No new content designated for this week - revision only. <b>19 Sep 2022</b> <b>Chapter</b> Chapter 2 and 3 Kelley and Petersen text <b>Sep 2022</b> <b>Chapter</b>	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST Friday (16 Sept 2022) 10:45 am AEST Utorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. Events and Submissions/Topic				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8. Week 10 - The brain and cranium - : Module/Topic The brain and cranium Week 11 - The spine and back - 26 S Module/Topic The spine and back	No new content designated for this week - revision only. I 9 Sep 2022 Chapter Chapter 2 and 3 Kelley and Petersen text Gep 2022 Chapter Chapter 4 Kelley and Petersen text	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST Friday (16 Sept 2022) 10:45 am AEST Utorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. Virtual Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				
Residential school 'virtual workshop' this week. No new content is delivered this week. This week allows consolidation of content from weeks 1 - 8. Week 10 - The brain and cranium - : Module/Topic The brain and cranium Week 11 - The spine and back - 26 S Module/Topic The spine and back Week 12 - Facial muscles and facial	No new content designated for this week - revision only. <b>19 Sep 2022</b> <b>Chapter</b> Chapter 2 and 3 Kelley and Petersen text <b>Sep 2022</b> <b>Chapter</b> Chapter 4 Kelley and Petersen text <b>bones - 03 Oct 2022</b>	Tuesday 13th September and Wednesday 14th September, 9.30am - 4.30pm via Zoom AEST. Online test 1 (Week 9 Online test) will assess content from weeks 1 - 7 only. Online test 1 will open at 10 am Friday 16th September and close at 10:45 am AEST 2022. Online test 1 - Week 9 Due: Week 9 Friday (16 Sept 2022) 10:45 am AEST Friday (16 Sept 2022) 10:45 am AEST Utorial Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. Virtual Tuesday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom.				

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 12 pm to 2 pm AEST via Zoom. Virtual study group Thursday 12 pm to 2 pm AEST via Zoom. The tutorial and virtual study group will be for general revision.		
Review/Exam Week - 10 Oct 2022				
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>		
	Revise content covered in lectures, tutorials, study groups, and information covered in virtual residential school 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 10 am Friday 14th October, 2022.		
		<b>Online test 2 - End of term test</b> Due: Review/Exam Week Friday (14 Oct 2022) 11:30 am AEST		
Exam Week - 17 Oct 2022				
Module/Topic	Chapter	Events and Submissions/Topic		

# **Term Specific Information**

Your unit coordinator for this unit is Dr Michelle Fenech (m.fenech@cqu.edu.au). This anatomy unit is quite intensive in terms of content covered as it is a 12-credit-point unit, and it covers the structural anatomy of the whole human body. It is recommended that you dedicate up to 25 hours of study per week to this unit. You have pre-recorded lectures available to you for each week of term, all of which are available at least two weeks before the designated week of delivery. To assist your learning in this unit and allow interaction with your teacher and peers, interactive live online tutorials are provided on Tuesdays (12 - 2 pm AEST) via Zoom, and interactive live online 'virtual study groups' are provided via Zoom on Thursdays (12 - 2 pm AEST) each week of the term (except week 9). The tutorials and virtual study groups will be related to the content covered in the designated week of term. The radiologically relevant relative anatomy is unpacked in these tutorials and virtual study groups and will place the content covered in the pre-recorded lectures into context for you and strategies on how to interpret medical images, identify structures and tips to remember the important anatomy is provided. If you cannot attend these tutorials and study groups live, they will be recorded, and the recordings will be made available to you later in the week on the unit Moodle site. It is very important that you keep up to date with your learning each week in this unit, so regular engagement with learning resources provided on the unit Moodle site is essential to allow yourself to achieve success in this unit.

Additionally, each week further learning activities are made available to you to complete which include medical and anatomic images you can label, formative online quizzes to complete, play-doh models you can construct, anatomic images you can draw, and interacting with the online resource called "Complete Anatomy" which is available to you whilst you are enrolled in this unit. These are provided to help you develop an understanding of where anatomic structures sit in the body, where they sit relative to other structures (and described using relative directional terms such as superior or inferior to other structures, superficial or deep to other structures etc.) and how and where they can be identified on medical images (xray, CT, MRI, and Ultrasound) acquired in different planes.

An online residential school will be held in week 9 of the term on Tuesday 13th and Wednesday 14th September, 2022 from 9:30 am to 4:30 pm (this replaces tutorials and study groups offered in week 9). This residential school allows consolidation of learning covered in weeks 1 - 7 of the term.

Summative assessments for this unit include online quizzes in week 4 and 6, an online test in week 9 and a final online test to be completed at the end of the term. It is important that you are aware of due dates and times for assessments and allocate time for study preparation prior to quizzes and tests and ensure you are available to complete them at the allocated time. It is important to check you are receiving emails related to this unit, as updates about the unit will be sent out regularly from Dr Fenech. Questions can be asked at the interactive tutorials or study groups or can be placed in the news forum/discussion forum on the unit Moodle site.

# Assessment Tasks

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

### Assessment Type

Online Quiz(zes)

### **Task Description**

There are two online quizzes (online quiz 1 and online quiz 2) which are to be completed throughout the term 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 quiz (equating to 1.5 minutes per question).

Online quiz 1 will open at 9 am Wednesday 3rd August and will close at 9 am Friday 5th August 2022 (AEST) and will assess content related to weeks 1 and 2 (pelvic anatomy).

# Online quiz 2 will open 9 am Wednesday 24th August and will close at 9 am Friday 26th August 2022 (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

### Assessment Due Date

Week 6 Friday (26 Aug 2022) 9:00 am AEST Friday 26th August 2022 is the due date for online quiz 2. Note: The due date for online quiz 1 is Friday 5th August 2022 at 9 am in week 4.

### **Return Date to Students**

Week 8 Friday (9 Sept 2022) Video feedback regarding both the online guizzes will be provided.

### 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.

Each question is worth 1 mark.

### **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.

### **Graduate Attributes**

- Problem Solving
- Critical Thinking

## 2 Online test 1 - Week 9

Assessment Type Online Test

### **Task Description**

This first online test (Online test 1) will be conducted in week 9 on Friday 16th September from 10:00 am to 10:45 am AEST (45 minutes duration).

This test will be completed by you on the Friday of week 9. This follows a two day virtual residential school on Tuesday (13 Sept) and Wednesday (14 Sept) of this week where you will 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 and short answer questions which will require typed answers.

Multiple choice questions will be allocated one mark per question.

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 (16 Sept 2022) 10:45 am AEST

This online test will be only open for the duration of the test. The test will commence at 10 am and close at 10:45 am AEST Friday 16th September, 2022.

### **Return Date to Students**

Week 11 Thursday (29 Sept 2022) Video feedback will be provided.

### 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.

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

## 3 Online test 2 - End of term test

### Assessment Type

**Online Test** 

### **Task Description**

Online test 2 (the end of term online test) will assess you on content covered throughout the whole of the MEDS11002 unit (weeks 1 to 12). This includes material covered in lectures, tutorials, study groups and the virtual residential school of week 9.

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 from 10 am to 11:30 am (1.5 hours duration) on Friday 14th October.

### **Assessment Due Date**

Review/Exam Week Friday (14 Oct 2022) 11:30 am AEST The final online test will open at 10:00 am and close at 11:30 am AEST on Friday 14th October.

### **Return Date to Students**

Exam Week Friday (21 Oct 2022)

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%

### Minimum mark or grade

50%

### **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

### Graduate Attributes

- Communication
- Problem Solving

# 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