



MEDI13002 *Imaging Procedures 3*

Term 1 - 2020

Profile information current as at 27/04/2024 09:22 am

All details in this unit profile for MEDI13002 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.

Corrections

Unit Profile Correction added on 06-04-20

Assessment 5: The end of term examination has now been changed to an alternate form of assessment. Please see your Moodle site for details of the assessment

Assessment 4: The In-Class Test has now been changed to alternate form of assessment. Please see your Moodle site for details of the Assessment.

General Information

Overview

Imaging Procedures 3 builds upon the core knowledge and skills developed and consolidated during Imaging Procedures 1 and 2 and clinical practice. This unit will focus on practical Computed Tomography (CT) imaging and on safe administration of intravenous contrast media. On completion of this unit you will have developed the skills and knowledge to be able to perform simulated CT examinations of the brain, spine, thorax, abdomen, pelvis and extremities. You will customise imaging acquisition and processing parameters for various clinical presentations. You will propose and develop new and modified imaging protocols. You will learn the foundation knowledge and skills of intravenous (IV) cannulation. You will perform CT procedures and simulated IV cannulation in our clinical simulation laboratory.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisites: MEDI12006 Imaging Procedures 2 and MEDI12005 Science & Instrumentation 2 and MEDI13004 Medical Imaging Clinical Course 2 Co-requisite: MEDI13001 Science & Instrumentation 3

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 1 - 2020

- Mackay

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. **Practical Assessment**

Weighting: Pass/Fail

2. **Practical Assessment**

Weighting: Pass/Fail

3. **Practical Assessment**

Weighting: Pass/Fail

4. **In-class Test(s)**

Weighting: 40%

5. **Examination**

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 Own reflection, student feedback during term and 'Have Your Say', team meeting.

Feedback

Most students were rusty on their sectional anatomy knowledge on coming into the unit.

Recommendation

Embed explicit weekly learning activities that focus on anatomy revision to prepare students for discussion of scanning protocols and images.

Feedback from Own reflection, team meeting and survey comments from clinical managers.

Feedback

We need to strengthen students anatomy and pathology preparedness for upcoming placements.

Recommendation

Include a new assessment task that focuses on CT image appearances and anatomy.

Feedback from Team reflection.

Feedback

Attendance for CT Labs was not required within the Professional Behaviors assessment. This does not align with the new attendance standards for other imaging procedures units.

Recommendation

Adopt new model of Professional Behaviors assessment that was implemented in 2019 in other Imaging Procedures units.

Feedback from Own reflection and student feedback through 'Have Your Say'.

Feedback

The sequencing of Lectures, Labs and Tutorials provides effective scaffolding of student learning and skill acquisition.

Recommendation

Maintain delivery strategy.

Feedback from Team reflection.

Feedback

There were some sections of content overlap between labs in MEDI13002 and the co-requisite MEDI13001.

Recommendation

Investigate opportunities to streamline Lab content between two units.

Unit Learning Outcomes

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

1. Optimise the imaging protocols and presentation of data sets for CT examinations (both non-contrast and contrast), taking into account evidence based practice and individual clinical circumstances
2. Present a logical argument to support decision-making in preparing the patient and equipment for computed tomography examinations and in selecting, creating and modifying image acquisition, processing and display protocols
3. Safely and effectively perform non-contrast computed tomography examinations and intra-venous cannulation in the simulated clinical environment
4. Demonstrate patient care and professional behaviours in the simulated clinical environment
5. Analyse computed tomography data sets in order to identify normal anatomical structures and common pathologies and to evaluate image quality
6. Apply underlying knowledge to the safe and effective use of contrast agents in computed tomography.

This unit maps to the following components of the Medical Radiation Practice Board of Australia's Professional Capabilities for Medical Radiation Practice (2020 version):

- Domain 1 Medical radiation practitioner: capabilities 1 - 8
- Domain 1A Diagnostic radiographer: capability 3
- Domain 2 Professional and ethical practitioner: capabilities 1 - 3
- Domain 3 Communicator and collaborator: capability 1
- Domain 4 Evidence-informed practitioner: capability 1
- Domain 5 Radiation safety and risk manager: capabilities 1 - 2

The Australian Society of Medical Imaging and Radiation Therapy (ASMIRT) recommends that IV cannulation be taught at undergraduate level.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes					
	1	2	3	4	5	6
1 - Practical Assessment - 0%			•	•		•
2 - Practical Assessment - 0%	•		•	•		
3 - Practical Assessment - 0%				•		
4 - In-class Test(s) - 40%					•	
5 - Examination - 60%	•	•	•		•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
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 - Practical Assessment - 0%	•	•		•				•		
2 - Practical Assessment - 0%	•			•		•	•	•		
3 - Practical Assessment - 0%					•		•			
4 - In-class Test(s) - 40%	•									
5 - Examination - 60%	•	•				•		•		

Textbooks and Resources

Textbooks

MEDI13002

Prescribed

Computed Tomography for Technologists: A Comprehensive Text

Edition: 2nd (2018)

Authors: Romans, Lois E.

Wolters Kluwer Health

ISBN: 9781496375858

Binding: Paperback

MEDI13002

Prescribed

Sectional Anatomy for Imaging Professionals

Edition: 4th (2018)

Authors: Lorrie Kelley, Connie Petersen

Mosby

St Louis , Missouri , United States

ISBN: 9780323595377

Binding: eBook

Additional Textbook Information

The Romans textbook will be used for both MEDI13001 Science & Instrumentation 3 and MEDI13002 Imaging Procedures 3. The Romans book is also available as a Vital Source e-book with no expiry and may be purchased directly from the publisher's [Vital Source website](#).

Students should already have purchased the Kelley & Petersen text for use in the Year 1 unit MEDI11003 Relational Anatomy. Students may use either the 4th or 3rd edition, and may use either the eBook or hard copy for this unit.

If preferred, paper copies are available for purchase at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (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)

Referencing Style

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

For further information, see the Assessment Tasks.

Teaching Contacts

Sarah Wooldridge Unit Coordinator

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Schedule

Week 1 - 09 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
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IV Cannulation
Romans, Chapter 12 and Chapter 13
pp 148-154.
IV cannulation workbook available on
the unit Moodle site

Week 2 - 16 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Contrast and Contrast Safety	Romans, Chapter 12 and Chapter 13. IV cannulation workbook available on the unit Moodle site	

Week 3 - 23 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Principles of Contrast Scanning, Cone Beam CT and CT Dentascan	Romans, Chapter 13.	IV Cannulation Practical Assessment

Week 4 - 30 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Humanistic & Scientific Aspects of CT	Romans, Chapters 10 & 11	

Week 5 - 06 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
CT Imaging of the Head	Romans, Chapter 19 and Chapter 15 pp 191-205	

Vacation Week - 13 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
VACATION WEEK		

Week 6 - 20 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
CT Imaging of the Spine	Romans, Chapter 15 pp 206-211, Chapter 19 pg 269-271	

Week 7 - 27 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
CT Imaging of the Thorax	Romans, Chapter 16 and Chapter 20 pp 294-295, 273-276	

Week 8 - 04 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CT Imaging of the Abdomen	Romans, Chapters 17 & 21	

Week 9 - 11 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CT Imaging of the Chest, Abdomen and Pelvis & Hips	Romans, Chapters 17 & 21, Chapter 18 pp 235-237	

Week 10 - 18 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CT Imaging of the Extremities	Romans, Chapter 18 & 22	

Week 11 - 25 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CT Special Procedures and Angiography	Romans, Chapter 23,25 and pg 291-292 Romans, Chapter 19 pp 249-251, 271, Chapter 20 pp 275-283, Chapter 13 pp 154-158	Written In-Class Test

Week 12 - 01 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
Consolidation		Professional Behaviours Due: Week 12 Friday (5 June 2020) 5:00 pm AEST

Review/Exam Week - 08 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
		CT Practical Assessment - Monday/Tuesday/Wednesday

Exam Week - 15 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

This unit is at Mackay Ooralea campus running from Weeks 1 to 14. The formal exam for this unit will be held within the exam timetable period.

Note that 150 hours of student engagement is required for this unit. You should plan to attend/view all lectures (1hr/wk), supervised labs (1.5hrs/wk), independent labs (2hrs/wk) and tutorials (1hr/wk), as this will be integral to the development of knowledge and skills required for the assessments of the unit. You are expected to practice positioning, reformatting techniques and revise anatomy during the timetabled independent practice sessions. The pace of the class CT labs activities has been set with this expectation of practice and corresponding skill development. You should plan to apply an equal amount of time per week on your personal study (readings, skills practice and assessment preparation) as you do attending the on-campus classes.

Assessment Tasks

1 IV Cannulation Practical Assessment

Assessment Type

Practical Assessment

Task Description

Intravenous cannulation is a core skill for radiographers who perform CT imaging. In preparation for clinical practice, you will develop the knowledge, skills and behaviours needed to perform cannulation in the clinical simulation environment. You will perform intravenous cannulation on the arm or hand of a cannulation phantom for this practical assessment.

This is a holistic assessment and you must consider all aspects of the patient's journey during cannulation, including patient care and communication as well as the practical elements of the cannulation. For the first part of the assessment, you will communicate with the assessor who will take the part of the patient. For the second part, you will cannulate the arm phantom.

Please note -

- You will have 15 minutes to complete the assessment. If all the practical elements of the assessment are not completed within the allocated 15 minutes, the assessment will be stopped and you will be marked based on your performance up to that point.
- You must present for your individual practical assessment dressed as you would present to the clinical environment. Any student not adhering to the dress code may be excluded from the assessment.
- This assessment task will be recorded using a video camera to enable moderation.
- As this is a simulation of a clinical procedure, you must perform this assessment without referring to any guidance resources (eg. notes, texts, electronic devices) - this is a closed book assessment.
- If you do not achieve the minimum score on all tasks you will be given two additional opportunities to perform the assessment. The first re-test will be scheduled within one calendar week of receiving the score and feedback of the original attempt. The second and final re-test will be scheduled within one calendar week of receiving the score and feedback of the first re-test.
- This is a pass/fail assessment item that must be completed by the specified due date. If you have extenuating

circumstances that cause you to be unable to attend your practical at your timetabled date and time, you must apply for an assessment extension. See Section 5 of the University's Assessment Policy and Procedure for details regarding assessment management, specifically around assessment extension. If your request for an extension is approved, you will be assigned a new practical date/time which will be set according to the availability of the lab facilities and supervising staff. It is your responsibility to ensure that you can attend at that new assigned date/time. In the absence of an approved extension, you will not be able to complete this task at a later date and would thus receive a Fail grade for the assessment task, which would result in a Fail grade for the unit.

Assessment Due Date

Assessment will be held during timetabled cannulation lab sessions in Week 3

Return Date to Students

Week 5 Wednesday (8 Apr 2020)

Weighting

Pass/Fail

Minimum mark or grade

Pass

Assessment Criteria

Assessed on:

- Patient care
- Professional communication
- Legal requirements
- Infection control
- Sharps safety
- Effective and safe cannulation

Each main category has one or more tasks. Each task has a minimum score required for a pass. Some tasks are of a more critical nature than others, therefore require a higher level of performance.

Please note:

- Detailed performance and assessment criteria and a scoring rubric will be available on the unit Moodle site.
- To attain a pass score in this assessment you must achieve the minimum specified target score in ALL of the assessment tasks.

Referencing Style

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

Submission

Offline

Submission Instructions

Practical assessment in the general science lab

Learning Outcomes Assessed

- Safely and effectively perform non-contrast computed tomography examinations and intra-venous cannulation in the simulated clinical environment
- Demonstrate patient care and professional behaviours in the simulated clinical environment
- Apply underlying knowledge to the safe and effective use of contrast agents in computed tomography.

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Ethical practice

2 CT Practical Assessment

Assessment Type

Practical Assessment

Task Description

The performance of computed tomography (CT) is a core skill for entry to practice in diagnostic radiography. You will need to demonstrate safe and effective CT practice in preparation for your subsequent clinical placements, during which you will undergo performance assessments in CT scanning.

You will perform an individual 20 minute practical assessment of a CT clinical simulation procedure in the CT suite. You will be given a CT examination referral for one of the non-contrast CT protocols that have been covered during the CT practical lab sessions of this unit. You will be required to carry out that examination, tailoring to the patient based on relevant clinical indicators. This includes generating a scout image, planning and executing the required scan, generating the required reformatted image data set and manipulating it as required for presentation.

This is a holistic assessment and you must consider all aspects of the patient journey, including patient care and communication as well as the technical aspects of the examination. For the first part of the assessment, you will communicate with the assessor who will take the part of the patient. For the second part, you will use the CT anthropomorphic phantom and complete the required CT examination.

Please note -

- The examination is timed. You will have 20 minutes to complete the tasks for this examination. If the examination is not completed within the allocated 20 minutes, the examination will be stopped and you will be marked based on your performance up to that point.
- You must present for your individual practical assessment dressed as you would present to the clinical environment. Any student not adhering to the dress code may be excluded from the assessment.
- This assessment task will be recorded using a video camera to enable moderation.
- As this is a simulation of a clinical procedure, you must perform this assessment without referring to any guidance resources (eg. notes, texts, electronic devices) - this is a closed book assessment.
- If you do not achieve the minimum score on all tasks you will be given one additional opportunity to resit the assessment within 7 days of receiving your initial scores and feedback.
- This is a pass/fail assessment item that must be completed by the specified due date. If you have extenuating circumstances that cause you to be unable to attend your practical at your timetabled date and time, you must apply for an assessment extension. See Section 5 of the University's Assessment Policy and Procedure for details regarding assessment management, specifically around assessment extension. If your request for an extension is approved, you will be assigned a new practical date/time which will be set according to the availability of the imaging facilities and supervising staff. It is your responsibility to ensure that you can attend at that new assigned date/time. In the absence of an approved extension, you will not be able to complete this task at a later date and would thus receive a Fail grade for the assessment task, which would result in a Fail grade for the unit.

Assessment Due Date

Assessment will be held during timetabled CT practical assessment lab sessions on Monday, Tuesday or Wednesday of Week 13

Return Date to Students

Written feedback within 7 days

Weighting

Pass/Fail

Minimum mark or grade

Pass

Assessment Criteria

You will be assessed on the following main categories of activities:

- Justification
- Patient communication
- Legal requirements
- Use of the control panel
- Use of the gantry and table
- Selection of protocols and imaging parameters
- Scan planning and manipulation of data set
- Accurate use of terminology

Each main category has one or more tasks. Each task has a minimum score required for a pass. Some tasks are of a more critical nature than others, therefore require a higher level of performance.

Please note:

- Detailed assessment criteria and a scoring rubric will be available on the unit Moodle site.
- To attain a pass score in this assessment you must achieve the minimum specified target score in ALL of the assessment tasks.

Referencing Style

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

Submission

Offline

Submission Instructions

Practical Assessment in CT lab

Learning Outcomes Assessed

- Optimise the imaging protocols and presentation of data sets for CT examinations (both non-contrast and contrast), taking into account evidence based practice and individual clinical circumstances
- Safely and effectively perform non-contrast computed tomography examinations and intra-venous cannulation in the simulated clinical environment
- Demonstrate patient care and professional behaviours in the simulated clinical environment

Graduate Attributes

- Communication
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

3 Professional Behaviours

Assessment Type

Practical Assessment

Task Description

Professional behaviour is a vital component of competency as a health care professional. As such you will be expected to demonstrate this consistently whilst working in the simulated clinical environment of the imaging labs.

The Professional Behaviours Assessment Form is available on the unit Moodle site. You must bring it with you to each of your scheduled supervised practical lab classes. This form details the behaviours required. Your lab supervisor will assess your performance relative to the stated standards. Your lab supervisor will complete and sign the form every session.

Once completed this form must be uploaded via the unit Moodle site for review by the unit coordinator by Week 12 Friday 5th June 2020 at 5pm. Please ensure you check due dates and times for submissions, and that all paperwork is completed correctly and accurately. Failure to do so will result in a fail mark for that assessment item.

This is a pass/fail assessment item that must be completed by the specified due date. If you have extenuating circumstances that cause you to be unable to submit your assessment at the due date and time, you must apply for an assessment extension. See Section 5 of the University's Assessment Policy and Procedure for details regarding assessment management, specifically around assessment extension. If your request for an extension is approved, you will be assigned a new due date/time. In the absence of an approved extension, you will not be able to submit this task at a later date and would thus receive a Fail grade for the assessment, which would result in a Fail grade for the unit.

Assessment Due Date

Week 12 Friday (5 June 2020) 5:00 pm AEST

Return Date to Students

Exam Week Friday (19 June 2020)

Weighting

Pass/Fail

Minimum mark or grade

Pass

Assessment Criteria

Assessed upon:

- Attendance
- Punctuality
- Professional Attire
- Preparedness
- Productivity
- Teamwork
- Professional decorum
- Feedback

Detailed assessment criteria and a marking rubric are available on the unit Moodle site.

You will receive 8 points per lab class if all assessment criteria are met. Points will be deducted for any criteria, including attendance, where you have not demonstrated the behaviour to the required standard.

To attain a 'Pass' for this assessment, you must:

- receive 80% of available points for the professional behaviours evaluation
- complete and upload the professional behaviours evaluation form by the due date.

Referencing Style

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

Submission

Online

Submission Instructions

Professional Behaviours form to be uploaded via the unit Moodle site.

Learning Outcomes Assessed

- Demonstrate patient care and professional behaviours in the simulated clinical environment

Graduate Attributes

- Team Work
- Cross Cultural Competence

4 In-Class Test

Assessment Type

In-class Test(s)

Task Description

You will write an in-class test to demonstrate your ability to apply the concepts and use the terminology based on content provided from the first 9 weeks of this unit. Question tasks will be of the same types that you will practice in weekly tutorials. These tasks may include analysis of projected diagrams, photographs and CT images to identify normal anatomical structures, appearances of common pathologies and evaluate image quality, creation of line diagrams to illustrate concepts, explanations and discussions.

This is a closed-book assessment and no notes, texts or electronic devices are allowed into the class during this assessment task. You will submit your test paper and rough paper at the end of the test period.

This test must be written at the timetabled date and time. As per the Assessment Procedures, this task is to be completed during a defined period. There is no opportunity to apply a late penalty. If you arrive late, you may enter the test room up to 30 minutes after the start of the test; however, you will still be required to submit your test at the standard test end time. You will not be allowed entry more than 30 minutes after the test starts. In the absence of an approved extension, you cannot complete this assessment at a later time, and you will receive a mark of zero for the assessment if you have not completed it by the scheduled date and time.

Assessment Due Date

This test is to be written in timetabled class time in Week 11

Return Date to Students

Week 12 Monday (1 June 2020)

Weighting

40%

Assessment Criteria

Assessed on:

- Correct use of scientific terminology
- Identification of normal cross-sectional anatomy
- Identification of abnormalities on cross-sectional imaging
- Analysis of CT data sets to evaluate scan quality.

Question responses will be scored on the following criteria:

- Correct use of scientific terminology
- Correct selection and application of core concepts to the specific content of the question
- Clarity, correctness, relevance and completeness of the response in addressing the question that was asked.

The number of marks for each question are allocated based on the depth and breadth of the required response, and will be indicated on the test paper.

Referencing Style

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

Submission

Online

Learning Outcomes Assessed

- Analyse computed tomography data sets in order to identify normal anatomical structures and common pathologies and to evaluate image quality

Graduate Attributes

- Communication

Examination

Outline

Complete an invigilated examination.

Date

During the examination period at a CQUniversity examination centre.

Weighting

60%

Length

180 minutes

Minimum mark or grade

50

Exam Conditions

Closed Book.

Materials

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

No calculators permitted

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