



ECHO28007 Cardiac Anatomy and Pathophysiology

Term 1 - 2022

Profile information current as at 03/05/2024 09:34 am

All details in this unit profile for ECHO28007 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

Accurate assessment of cardiac function requires you to assemble a comprehensive knowledge of the anatomy, physiology, and ultrasonic appearance of the heart, lungs and surrounding structures. By studying concepts of general pathology, cardiac structure and function, thoracic anatomy and physiology in this unit, you will gain the necessary knowledge to underpin your studies in the Graduate Diploma of Cardiac Ultrasound. This unit will build on introductory knowledge, through the discussion of signs and symptoms of cardiac disease, cardiac auscultation, and the application and interpretation of other diagnostic procedures such as an electrocardiogram (ECG). Through attendance at an intensive on-campus scanning workshop, you will be provided with theoretical knowledge and practical skills regarding echocardiographic image acquisition and scanning techniques for the adult heart, including the application of M-mode, spectral and colour Doppler.

Details

Career Level: *Postgraduate*

Unit Level: *Level 8*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisite: Enrolment in CL74 Graduate Diploma of Cardiac Ultrasound

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 - 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 [Residential School Timetable](#).

Website

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

Class and Assessment Overview

Recommended Student Time Commitment

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

Class Timetable

[Regional Campuses](#)

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

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Online Quiz(zes)**

Weighting: 40%

2. **Practical Assessment**

Weighting: Pass/Fail

3. **Online Test**

Weighting: 60%

Assessment Grading

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

CQUniversity Policies

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

You may wish to view these policies:

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

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

Previous Student Feedback

Feedback, Recommendations and Responses

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

Feedback from Direct verbal feedback from students

Feedback

The students responded favourably to the Residential School that was run this term. Particularly the hands on scanning and practical activities.

Recommendation

The Residential School content will be revised to consider incorporating more practical activities and further enhance student satisfaction.

Unit Learning Outcomes

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

1. Describe the anatomy, physiology and spatial relationship of the cardiovascular and respiratory systems
2. Discuss concepts of general pathology, signs and symptoms of cardiac disease, including the application of cardiac auscultation
3. Identify and differentiate between anatomical structures on medical images of the cardiovascular system
4. Discuss and demonstrate echocardiographic window acquisition including scanning technique and image optimisation
5. Discuss and demonstrate professional behaviour and communication skills consistent with safe and ethical practice
6. Identify basic cardiac rhythm anomalies using electrocardiographic data.

Linked to the Australian Sonographers Accreditation Registry (ASAR) Accreditation Standards for Cardiac Sonography:

Foundation Units of Competence

- Unit 1: Deliver safe, patient centred service
- Unit 2: Practice within professional and ethical frameworks
- Unit 3: Locate, analyse and synthesise information to support evidence based practice
- Unit 4: Contribute to workplace health and safety and quality assurance
- Unit 5: Communicate effectively

Critical Practice Unit of Competence

- Unit 8: Cardiac

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 - Online Quiz(zes) - 40%	•	•	•	•	•	•
2 - Practical Assessment - 0%				•	•	

Assessment Tasks	Learning Outcomes					
	1	2	3	4	5	6
3 - Online Test - 60%	•	•	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
1 - Knowledge	○	○	○	○	○	○
2 - Communication	○	○	○	○	○	○
3 - Cognitive, technical and creative skills	○	○	○	○		○
4 - Research						
5 - Self-management						
6 - Ethical and Professional Responsibility				○	○	
7 - Leadership						
8 - 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
1 - Online Quiz(zes) - 40%	○	○	○					
2 - Practical Assessment - 0%	○	○	○			○		
3 - Online Test - 60%	○	○	○					

Textbooks and Resources

Textbooks

ECHO28007

Prescribed

A SONOGRAPHER'S GUIDE TO THE ASSESSMENT OF HEART DISEASE

Edition: 1st (2016)

Authors: Bonita Anderson

Echotext

Brisbane , Queensland , Australia

ISBN: 978-0-9923222-0-5

Binding: Hardcover

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Prescribed

ECHOCARDIOGRAPHY: THE NORMAL EXAMINATION AND ECHOCARDIOGRAPHIC MEASUREMENTS

Edition: 3rd (2017)

Authors: Bonita Anderson

Brisbane , Queensland , Australia

ISBN: 978-0-9923222-1-2

Binding: Hardcover

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Supplementary

ROBBINS BASIC PATHOLOGY

10th Edition (2018)

Authors: Vinay Kumar, Abul Abbas, Jon Aster

Elsevier Saunders

Philadelphia , PA , USA

ISBN: 978-0323353175

Binding: Paperback

IT Resources

You will need access to the following IT resources:

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

Referencing Style

No referencing style set.

Teaching Contacts

Sue Kitto Unit Coordinator

s.kitto@cqu.edu.au

Paula Boucaut Unit Coordinator

p.boucaut@cqu.edu.au

Schedule

Week 1 - 07 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
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	Anderson B. A Sonographer's Guide to the Assessment of Heart Disease. 1sted. Brisbane: Echotext; 2016. Chapter2, p 19-24.
Gross Anatomy	Anderson B. Echocardiography : The Normal Examination and Echocardiographic Measurements. 3rded. Brisbane: Echotext; 2017.Chapter 2, p 33-34.
	Lilly, L. Pathophysiology of heart disease. (6th ed.). Philadelphia: Woltzers Kluwer; 2016. Chapter 1, p 1-7; Chapter 3, p 45-46.

Week 2 - 14 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
	Anderson B. A Sonographer's Guide to the Assessment of Heart Disease. 1sted. Brisbane: Echotext; 2016. Chapter7, p 177-179; Chapter 8, p 215-217;Chapter 9, p 255 & 275-276.	
Cardiovascular anatomy and innervation	Anderson B. Echocardiography : The Normal Examination and Echocardiographic Measurements. 3rded. Brisbane: Echotext; 2017.Chapter 4, p 75-78.	
	Lilly, L. Pathophysiology of heart disease. (6th ed.). Philadelphia: Woltzers Kluwer; 2016. Chapter 1, p 2 & 8-10.	

Week 3 - 21 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
	Anderson B. A Sonographer's Guide to the Assessment of Heart Disease. 1sted. Brisbane: Echotext; 2016. Chapter 5, p 113-114.	
Pulmonary, systemic and coronary circulations	Kumar, V. Robbins Basic Pathology.10th ed. Philadelphia: Elsevier; 2018. Chapter 10, p 361-363.	
	Lilly, L. Pathophysiology of heart disease. 6th ed. Philadelphia: WoltzersKluwer; 2016. Chapter 1, p 8-11.	

Week 4 - 28 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
	Anderson B. A Sonographer's Guide to the Assessment of Heart Disease. 1sted. Brisbane: Echotext; 2016. Chapter13, p 395-399.	
Introduction to echocardiography	Anderson B. Echocardiography : The normal examination and echocardiographic measurements. 3rded. Brisbane: Echotext; 2017. Chapter 2, p 34-70.	

Week 5 - 04 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
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Application of echo modalities

Anderson B. Echocardiography : The normal examination and echocardiographic measurements. 3rd ed. Brisbane: Echotext; 2017. Chapter 2, p 34-70.

Vacation Week - 11 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
		Compulsory Residential School Wednesday the 13th and Thursday the 14th of April.
Residential School		The Practical Assessment will be conducted during the residential school on Thursday the 14th of April.
		The Practical Assessment Re-sits will be scheduled during the afternoon of day 2 of the residential school (Thursday the 14th of April).

Week 6 - 18 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
Cardiac conduction system	Garcia, T. Introduction to 12-Lead ECG: The Art of Interpretation. 2nd ed. United States of America: Jones & Bartlett Learning; 2015. Chapter 1, p 8-14; Chapter 6, p 49-53.	Online Quiz Due: Week 6 Friday (22 Apr 2022) 11:00 am AEST
	Lilly, L. Pathophysiology of heart disease. 6th ed. Philadelphia: Wolters Kluwer; 2016. Chapter 1, p 8 & 21-24; Chapter 4, p 74-111.	

Week 7 - 25 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
Cardiac cycle and cardiac catheterisation	Anderson B. Echocardiography : The normal examination and echocardiographic measurements. 3rd ed. Brisbane: Echotext; 2017. Chapter 15, p 295.	
	Lilly, L. (2016). Pathophysiology of heart disease (6th ed.). Philadelphia: Wolters Kluwer; 2016. Chapter 2; p 26-29; Chapter 3, p 55-59; Chapter 9, p 225-228.	

Week 8 - 02 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
Frank Starling Law, CO and auscultation	Lilly, L. Pathophysiology of heart disease. 6th ed. Philadelphia: Wolters Kluwer; 2016. Chapter 2, p 29-42; Chapter 9, p 221-224.	

Week 9 - 09 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
Cellular and inflammatory processes	Kumar V, Abbas A, Aster J, Perkins J, Robbins S. Robbins Basic Pathology. 10th ed. Philadelphia: Elsevier; 2018. Chapter 2, p 32-50; Chapter 3, p 59-94.	

Week 10 - 16 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
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Atherosclerotic and hemodynamic disorders	Kumar, V. Robbins Basic Pathology. 10th ed. Philadelphia: Elsevier; 2018. Chapter 4, p 97-114; Chapter 10, p 369-377. Lilly, L. Pathophysiology of heart disease. 6th ed. Philadelphia: Woltzers Kluwer; 2016. Chapter 5, p 126-132.	
Week 11 - 23 May 2022		
Module/Topic	Chapter	Events and Submissions/Topic
Cardiac disease presentation	Kumar, V. Robbins Basic Pathology. 10th ed. Philadelphia: Elsevier; 2018. Chapter 4, p 115-119.	
Week 12 - 30 May 2022		
Module/Topic	Chapter	Events and Submissions/Topic
Revision		
Review/Exam Week - 06 Jun 2022		
Module/Topic	Chapter	Events and Submissions/Topic
Exam Week - 13 Jun 2022		
Module/Topic	Chapter	Events and Submissions/Topic
		Online Test Due: Exam Week Friday (17 June 2022) 11:00 am AEST

Term Specific Information

Unit Coordinator and Contact details

Your coordinator for ECHO28007 Cardiac Anatomy and Pathophysiology is Sue Kitto. The most efficient and preferred method of contacting Sue is via the Q&A forum located on the unit Moodle site. If your query is of a personal nature, please contact Sue directly via email (s.kitto@cqu.edu.au) or phone (07 3023 4158). Office days Monday, Tuesday and Friday.

Unit Tutorials

Tutorials for this unit will be delivered 'live' online using ZOOM (the links required for accessing the tutorials are provided on the Moodle site). The tutorials will incorporate a discussion of the weekly content delivered and associated revision material. Advice will also be provided to support student preparation for related assessments. All tutorials will be recorded and subsequently made available on Moodle.

Unit Study Commitment

As per Australian educational standards, a study commitment or engagement of approximately 150 hours will be required to complete this unit (i.e. 12.5 hours per week). A suggestion for how you should allocate your study commitment per week is as follows:

3 hours watching recorded lectures

2 hours completing recommended readings

1.5 hours creating study notes

1 hour completing the weekly study questions

1 hour participating in/or viewing the weekly tutorials

4 hours preparing for quizzes, practical assessments or the final examination

Compulsory Residential School

All students are required to attend the on-campus Compulsory Residential School on Wednesday the 13th and Thursday the 14th of April 2022 (break week on the academic calendar). Students will be notified of the campus venue details and residential school schedule upon term commencement. Travel will be necessitated to either Brisbane, Sydney or Perth CQUniversity campus for attendance at the residential school. Delivery venue will be dependent upon the number of student enrolments. Students may be required to act as a patient model for their peers during practical activities. Please ensure you complete all the activities listed under the Orientation tile on the Moodle site upon first enrolment.

Assessment Tasks

1 Online Quiz

Assessment Type

Online Quiz(es)

Task Description

This Online Quiz will assess your understanding of the content presented during weeks 1-5 of unit delivery.

- Questions will be drawn from a resource bank, to allow the Online Quiz to be different for each student
- All unit content presented in lectures, tutorial presentations, at the residential school, and within prescribed readings is examinable.

The Online Quiz may include multiple choice, short answer, calculation, or image interpretation style questions. Students are encouraged to have a calculator available when sitting the quiz.

The Online Quiz will be open for 60 minutes.

- Once started, the quiz cannot be paused or restarted
- Only one attempt is permitted.

Please note: It is important that you commence the Online Quiz before 10.00 am (AEST) on Friday the 22nd of April.

- The Online Quiz will automatically close at 11.00 am (AEST) on Friday the 22nd of April.
- If you have not completed the test by this time, your test may be submitted incomplete or with no answers.

In the absence of an approved extension, students will receive a mark of zero (or fail) for this assessment, if it is not completed by the scheduled date and time. Students are reminded that IT support from the University Information and Technology Division (TASAC) is only available during AEST business hours. This assessment is to be undertaken as an individual. As with all other university examinations, colluding with other students on non-group work tasks is considered academic misconduct, and may lead to action being taken by the Deputy Dean of Learning and Teaching HMAS.

Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework)' document for additional university guidelines regarding assessments.

Number of Quizzes

1

Frequency of Quizzes

Other

Assessment Due Date

Week 6 Friday (22 Apr 2022) 11:00 am AEST

Online Quiz will open at 11:00 am (AEST) on Wednesday the 20th of April (Week 6) and will close at 11:00 am (AEST) on Friday the 22nd of April.

Return Date to Students

Results will be made available within two weeks of assessment due date. The Online Quiz question pool in its entirety will not be released to students.

Weighting

40%

Minimum mark or grade

50%

Assessment Criteria

You will be required to answer a variety of online questions.

Question responses will be assessed according to the:

- use of appropriate terminology and descriptors as well as grammar and spelling
- student's ability to appropriately interpret presented sonographic images and cardiac assessment data
- student's ability to succinctly respond with accurate answers.

Submission

Online

Submission Instructions

At the assigned time, the Online Quiz can be accessed and completed through the assessment tab at the top of the

ECHO28007 Moodle site.

Learning Outcomes Assessed

- Describe the anatomy, physiology and spatial relationship of the cardiovascular and respiratory systems
- Discuss concepts of general pathology, signs and symptoms of cardiac disease, including the application of cardiac auscultation
- Identify and differentiate between anatomical structures on medical images of the cardiovascular system
- Discuss and demonstrate echocardiographic window acquisition including scanning technique and image optimisation
- Discuss and demonstrate professional behaviour and communication skills consistent with safe and ethical practice
- Identify basic cardiac rhythm anomalies using electrocardiographic data.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills

2 Practical Assessment

Assessment Type

Practical Assessment

Task Description

This practical assessment has 2 components:

1. Demonstration of safe practice including hand hygiene and scanning ergonomics.
2. Acquisition of standard imaging windows with correct:
 - probe manipulation
 - image plane identification
 - identification of key anatomical landmarks

In the absence of an approved extension, this assessment cannot be completed at a later time.

Following provision of assessment feedback, only one opportunity for re-sit of any failed component will be provided.

- Re-sits will be scheduled during the afternoon of day 2 of the residential school, Thursday the 14th of April

Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework)' document for additional university guidelines regarding assessments.

Assessment Due Date

The practical assessment will be conducted during the break week Residential School. Attendance at the Residential School is compulsory.

Return Date to Students

Direct feedback will be provided at the time of practical assessment.

Weighting

Pass/Fail

Minimum mark or grade

To pass, all criteria listed on the marking rubric must be successfully demonstrated.

Assessment Criteria

Component 1

Students will be assessed on their ability to demonstrate professional behaviour and safe practice.

The student will be required to:

- demonstrate appropriate hand hygiene
- apply knowledge of infection control practices at the patient bedside
- implement ergonomic adjustments

A detailed marking rubric can be found on the Moodle site.

Component 2

Students will be assessed on their ability to follow tutor instruction, demonstrating basic knowledge of ultrasound scanning and window acquisition.

The student will be required to:

- obtain on-axis orthogonal views
- identify sector orientation
- manipulate the transducer
- use appropriate terminology

A detailed marking rubric can be found on the Moodle site.

Each assessment component is PASS/FAIL, and all assessment components must be successfully completed to pass this practical assessment overall.

Submission

No submission method provided.

Submission Instructions

Marking rubrics will be completed at the time of assessment by the practical supervisor. Rubrics will be loaded into Moodle for student review following moderation.

Learning Outcomes Assessed

- Discuss and demonstrate echocardiographic window acquisition including scanning technique and image optimisation
- Discuss and demonstrate professional behaviour and communication skills consistent with safe and ethical practice

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Ethical and Professional Responsibility

3 Online Test

Assessment Type

Online Test

Task Description

This Online Test will assess your understanding of the content presented throughout unit delivery. There will be a heavier emphasis on the content not previously assessed, in particular content from weeks 6-11 of unit delivery.

- Questions will be drawn from a resource bank, to allow the Online Test to be different for each student.
- All unit content presented in lectures, tutorial presentations, at the residential school, and within prescribed readings is examinable.

The Online Test may include multiple-choice, short answer, calculation, or image interpretation style questions. Students are encouraged to have a calculator available when sitting the test.

The Online Test will be open for 80 minutes.

- Once started, the test cannot be paused or restarted.
- Only one attempt is permitted.

Please note: You must commence the Online Test before 9.40 am (AEST) Friday the 17th of June.

- The Online Test will automatically close at 11.00 am (AEST) on Friday the 17th of June.
- If you have not completed the test by this time, your test may be submitted incomplete or with no answers.

In the absence of an approved extension, students will receive a mark of zero (or fail) for this assessment, if it is not completed by the scheduled date and time.

Students are reminded that IT support from the University Information and Technology Division (TASAC) is only available during AEST business hours.

This assessment is to be undertaken as an individual. As with all other university examinations, colluding with other students on non-group work tasks is considered academic misconduct, and may lead to action being taken by the Deputy Dean of Learning and Teaching HMAS.

Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework)' document for additional university guidelines regarding assessments.

Assessment Due Date

Exam Week Friday (17 June 2022) 11:00 am AEST

Online Test will open at 11:00 am (AEST) on Tuesday the 14th of June and will close at 11:00 am (AEST) on Friday the 17th of June.

Return Date to Students

Results will be made available within two weeks of assessment due date. The Online Test question pool in its entirety will not be released to students.

Weighting

60%

Minimum mark or grade

50%

Assessment Criteria

You will be required to answer a variety of online questions.

Question responses will be assessed according to the:

- use of appropriate terminology and descriptors as well as grammar and spelling
- student's ability to appropriately interpret presented sonographic images and cardiac assessment data
- student's ability to succinctly respond with accurate answers

Submission

Online

Submission Instructions

At the assigned time, the Online Test can be accessed and completed through the assessment tab at the top of the ECHO28007 Moodle site.

Learning Outcomes Assessed

- Describe the anatomy, physiology and spatial relationship of the cardiovascular and respiratory systems
- Discuss concepts of general pathology, signs and symptoms of cardiac disease, including the application of cardiac auscultation
- Identify and differentiate between anatomical structures on medical images of the cardiovascular system
- Discuss and demonstrate echocardiographic window acquisition including scanning technique and image optimisation
- Discuss and demonstrate professional behaviour and communication skills consistent with safe and ethical practice
- Identify basic cardiac rhythm anomalies using electrocardiographic data.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills

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