



ECHO13005 Congenital Heart Disease

Term 2 - 2018

Profile information current as at 02/05/2024 05:38 am

All details in this unit profile for ECHO13005 have been officially approved by CQU University 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

Echocardiographers are required to perform complex assessments to aid in the diagnosis of cardiac pathology associated with congenital heart disease in both the pediatric and adult populations. In this unit you will study the link between disordered embryological development, congenital heart disease, and corrective interventional procedures. You will build upon your knowledge exploring corrective and palliative interventions and post-operative evaluation of congenital heart disease using advanced cardiovascular assessment techniques including 3-D, strain, contrast, exercise stress testing, echocardiography and trans-oesophageal echocardiography (TOE). You will apply advanced haemodynamic calculations to given clinical scenarios, guiding cardiac management. You will acquire knowledge of the principles of cardiac electrophysiology and investigation methods used in paediatric and adult congenital cardiac disease. You will apply your knowledge to simulated clinical scenarios and case studies and compare and contrast the choice of procedure within an ethical framework of best practice and patient safety.

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: ECHO13006 Adult Echocardiography AND ECHO13002 Cardiac Assessment Skills 2

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 2 - 2018

- Distance
- Sydney

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. **Written Assessment**

Weighting: 40%

2. **Online Test**

Weighting: 60%

Assessment Grading

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

CQUniversity Policies

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

You may wish to view these policies:

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

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

Unit Learning Outcomes

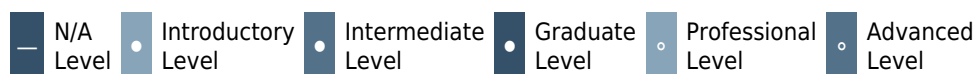
On successful completion of this unit, you will be able to:

1. Differentiate the aetiology and related cardiac assessment data of congenital cardiac pathologies across the life span of a patient
2. Explain other diagnostic and therapeutic procedures involved in the assessment of congenital heart disease
3. Contrast echocardiographic views, cardiac assessment techniques and surgical intervention utilised in complex and congenital heart disease
4. Apply haemodynamic calculations used in complex cardiac assessment
5. Critically evaluate the treatment options and examination protocol appropriate to different types of congenital heart disease.

Linked to National and International Standards

1. ASAR Accreditation Standards for Cardiac Sonography - critical practice Unit 8 - Cardiac,
2. European Association of Cardiovascular Imaging Core Syllabus
3. American Registry for Cardiac Sonography Core Syllabus

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Written Assessment - 40%	•	•	•		•
2 - 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		•	•		•

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
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 - Written Assessment - 40%	•	•	•	•		•	•	•		
2 - Online Test - 60%	•	•	•	•		•	•	•		

Textbooks and Resources

Textbooks

ECHO13005

Prescribed

A Sonographer's Guide to the Assessment of Heart Disease

Edition: First (2016)

Authors: Bonita Anderson

Echotext

Brisbane , QLD , Australia

ISBN: 978-0-9923222-0-5

Binding: Hardcover

ECHO13005

Supplementary

Echocardiography in Adult Congenital Heart Disease

(2010)

Authors: Wei, Li, Michael Henein, Michael A. Gatzoulis

Springer

London , UK

ISBN: 9781849966528

Binding: Hardcover

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: [Vancouver](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Paula Boucaut Unit Coordinator
p.boucaut@cqu.edu.au

Schedule

Week 1 - Introduction to Congenital Heart Disease - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to Congenital Heart Disease: <ul style="list-style-type: none"> • Foundation concepts and the segmental sequential analysis • CHD views, vessels and terminology • Circulation in the foetus and the first few weeks of life 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738	Cathy West Tutorial - AEST 8pm - see Moodle site for confirmation of tutorial date

Week 2 - Simple shunts - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Simple shunts: <ul style="list-style-type: none"> • Atrial septal defects • Ventricular septal defects • Patent ductus arteriosus and other shunts 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738 Atrial Septal Defects in the Adult - Recent Progress and Overview (PDF can be found on Moodle) Echo Research and Practice - Echocardiographic assessment of left to right shunts. (PDF can be found on Moodle)	

Week 3 - Isolated lesions - 23 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Isolated lesions: <ul style="list-style-type: none"> • AVSD • Ebstein anomaly • Coronary arteries – Kawasaki's and ALCAPA 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738	

Week 4 - LV outflow lesions - 30 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
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LV outflow lesions: <ul style="list-style-type: none"> • The left ventricle- sub-valvular and valvular lesions • The aorta – supra-valvular AS and coarctation 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738	Cathy West Tutorial - AEST 8pm - see Moodle site for confirmation of tutorial date
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Week 5 - RV outflow lesions - 06 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
RV outflow lesions: <ul style="list-style-type: none"> • DCRV – Double chambered right ventricle • Pulmonary stenosis: Infundibulum to branch 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738 The Right Heart in Adults with Congenital Heart Disease (PDF can be found on Moodle)	Cathy West Tutorial - AEST 8pm - see Moodle site for confirmation of tutorial date

Vacation Week - 13 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - Complex lesions 1 - 20 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Complex lesions 1: <ul style="list-style-type: none"> • Truncus arteriosus • Pulmonary atresia 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738	

Week 7 - Complex lesions 2 - 27 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Complex lesions 2: <ul style="list-style-type: none"> • d-TGA • cc-TGA 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738 ASE 2016 Guidelines - Multi Modality Imaging Transposition of the Great Arteries (PDF can be found on Moodle)	Cathy West Tutorial - AEST 8pm - see Moodle site for confirmation of tutorial date Written Assessment Due: Week 7 Friday (31 Aug 2018) 5:00 pm AEST

Week 8 - Complex lesions 3 - 03 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
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- Complex lesions 3:
- Tetralogy of Fallot
 - Univentricular Hearts

Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease
 Additional resource:(previously purchased for ECHO13006)
 Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738
 ASE 2014 Guidelines - Multi Modality Imaging Tetralogy of Fallot (PDF can be found on Moodle)
 Managing Adult Fontan Patients: Where do we stand? (PDF can be found on Moodle)

Week 9 - Venous anomalies - 10 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Venous anomalies: <ul style="list-style-type: none"> • Anomalies of the pulmonary veins • Anomalies of the systemic veins 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738	Cathy West Tutorial - AEST 8pm - see Moodle site for confirmation of tutorial date

Week 10 - CHD outside the echo lab - 17 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
CHD outside the echo lab: <ul style="list-style-type: none"> • Congenital Services overview • Other tests used in CHD: MVO2, CMR, CT, EPS • Syndromes associated with CHD. Marfan's, Noonan's, Downs, Williams, Turners, Scoliosis, etc. 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738 Non-invasive Imaging In Congenital Heart Disease (PDF can be found on Moodle)	

Week 11 - Bringing it all together - 24 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Bringing it all together: <ul style="list-style-type: none"> • Clinical case studies • Revision material 	Anderson, B. A Sonographer's Guide to the Assessment of Heart Disease. Chapter 15, Introduction to Congenital Heart Disease Additional resource:(previously purchased for ECHO13006) Lang, R. (2016). ASE's Comprehensive Echocardiography. Philadelphia, PA: Elsevier Saunders. Section XXVI Chapters 164-169, pages 701-738 Case Study resources: https://www.bsecho.org/congenital-heart-disease/ http://heart.bmj.com/content/80/suppl_1/S12	Cathy West Tutorial - AEST 8pm - see Moodle site for confirmation of tutorial date

Week 12 - Revision - 01 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
<ul style="list-style-type: none"> • Revision 		

Review/Exam Week - 08 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
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You will need to allocate 120-minutes to complete the online test between Monday 8th of October and Friday the 12th of October at 3pm. (This equates to 12 minutes per 10 mark question)

Online Test Due: Review/Exam Week Friday (12 Oct 2018) 3:00 pm AEST

Exam Week - 15 Oct 2018

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

Cathy West is the acting principal sonographer at the renowned Royal Brompton Hospital in London. Cathy began her career in cardiac sonography 20 years ago, at the Prince Charles Hospital in Brisbane, Australia. Cathy specialises in adult congenital heart disease, and is a popular international speaker.

In this unit, Cathy will be presenting pre-recorded lectures covering a variety of congenital cardiac pathologies and their associated Echocardiographic assessment. Live tutorial sessions will be hosted by Cathy as outlined in the schedule displayed on Moodle site. These will be recorded and subsequently posted under the corresponding week on Moodle site. The tutorials will focus on clarification of theoretical concepts and assessment requirements. Clinical case studies will also be shown, demonstrating practical application of the theoretical content.

Both Cathy West and the Unit coordinator Paula Boucaut will be monitoring posts on the 'Q&A' forum. Content specific questions may require a response from Cathy.

Given Cathy resides in London, please note that some responses may have a time delay of several days.

For questions of a personal nature, please do not hesitate to contact the Unit coordinator Paula Boucaut directly by email: p.boucaut@cqu.edu.au or phone 07 3023 4108.

Assessment Tasks

1 Written Assessment

Assessment Type

Written Assessment

Task Description

Complex congenital heart conditions can have profound effects on the cardiovascular system. Fortunately, in the present era, good long-term survival is observed with surgical intervention. You are to choose a pathology from the list below, and produce an essay using a variety of appropriate sources which cite evidence above and beyond the lecture content presented.

Topic choices:

1. Complete atrioventricular septal defect
2. Tetralogy of Fallot

Your essay must:

- List the cardiac malformations associated with the condition chosen prior to repair.
- Describe the effect this condition has on the cardiovascular system – e.g. Explain what happens to the cardiac physiology that drives the need for corrective surgery.
- Identify other commonly associated anomalies that may be seen with this pathology.
- Describe the procedure(s) used for repair of the condition chosen. (assume no co-existing lesions)
- Describe the approach required for echocardiography in adults with the repaired lesions. Where multiple repair strategies exist, choose one. Your answer should include the most common complications post repair.
- Describe deviations from the standard adult echo protocol (i.e. off-axis or non-standard views), that may be required to adequately image this condition and its associated repair.
- Identify and describe how other alternative cardiovascular imaging techniques may add value to the assessment of these patients.
- Discuss long-term morbidity and mortality

Word Count:

Maximum 2000 words count +/- 10%. Marks are allocated in the marking rubric for word count. Submissions too brief or too verbose will not attract the available marks and excess words will not be assessed. Word count does not include headings or references but does include diagram explanations.

Referencing:

Referencing is a vital component of any academic work and plagiarism is taken seriously by the university. Please refer to the CQUniversity Academic Misconduct Procedure.

The required referencing style (in-text and bibliographic) is Vancouver.

A CQUniversity Academic Learning Centre (ALC) Vancouver Style Referencing Guide is available on the unit Moodle site.

Further referencing assistance can be obtained by contacting the ALC.

A marking rubric for this assessment task can be found on the Moodle site.

Assessment Due Date

Week 7 Friday (31 Aug 2018) 5:00 pm AEST

Electronic submission via unit Moodle site

Return Date to Students

Week 9 Friday (14 Sept 2018)

Weighting

40%

Minimum mark or grade

A minimum pass mark of 50%.

Assessment Criteria

You will be assessed on your ability to:

- locate and evaluate pertinent information from appropriate and current sources
- produce a well written and evidence based essay using appropriate technical terms, spelling, grammar and referencing
- construct a detailed and relevant discussion of all key points as outlined in the task description
- prioritise content within the word count

A marking rubric is available on the unit Moodle site for your information.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

Assessment piece is to be submitted in a word document format via Moodle site. All CQU students have a responsibility to apply academic integrity. Submissions will be reviewed for plagiarism, and standard University policy will be applied if breached.

Learning Outcomes Assessed

- Differentiate the aetiology and related cardiac assessment data of congenital cardiac pathologies across the life span of a patient
- Explain other diagnostic and therapeutic procedures involved in the assessment of congenital heart disease
- Contrast echocardiographic views, cardiac assessment techniques and surgical intervention utilised in complex and congenital heart disease
- Critically evaluate the treatment options and examination protocol appropriate to different types of congenital heart disease.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Online Test

Assessment Type

Online Test

Task Description

Each health profession possesses a body of knowledge, the fundamentals of which must be learnt and understood. The echocardiographic profession has selected concepts relevant to your future scope of practice. You will build upon these concepts in your future clinical capacity.

An online test will be conducted to assess your understanding of content in this unit. The test can be accessed through the assessment tab on Moodle at the assigned time.

- The online test will comprise of 10 questions and will be open for 120 min (allowing 12 minutes per question). You have ONE attempt and once started the test cannot be paused or restarted.
- Questions may be composed of multiple components, multiple choice, short answer, image interpretation or essay style format. You will have up to 40 lines available for written answers per question.
- As the test is online and open book, you will find it useful if you have produced your own notes from the lectures and that you are familiar with the unit information.
- The questions may be drawn from any content presented during the term including but not limited to lectures, additional resources provided or tutorial presentations.
- Questions will be drawn from a pool of questions to allow tests to be different for each student.
- You may benefit from having a calculator available when sitting the test

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

Assessment Due Date

Review/Exam Week Friday (12 Oct 2018) 3:00 pm AEST

The test open on Monday 8th October at 9 am (in week 12) and will close on Friday 12th October at 3pm.

Return Date to Students

Results will be available once marking, moderation and collation of grades has occurred.

Weighting

60%

Minimum mark or grade

50%

Assessment Criteria

You must provide short to medium length typed responses to a series of online questions.

Multiple choice and film viewing questions may be included and you are required to be familiar with both normal and pathological echocardiographic and anatomical images.

Each question is worth 10 marks (giving a max total of 100 marks available).

Responses will be assessed according to:

- use of appropriate terminology and descriptors as well as grammar, spelling, relevance of response and competence in addressing all elements of the question
- the student's ability to appropriately interpret sonographic images/graphs/tables and then to succinctly compose an appropriate response based on their learning from the unit.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

The Online test is accessed via the assessment tab in Moodle. You will need to allocate a 120-minute time period during this time frame to complete the test. Please note: You must start the test before Friday 12th October at 1pm as the test will close at 3pm Friday 12th October. Time zone is AEST. Once started the test cannot be paused, stopped or re-started. Once you have completed the test, it cannot be re-taken.

Learning Outcomes Assessed

- Differentiate the aetiology and related cardiac assessment data of congenital cardiac pathologies across the life span of a patient

- Explain other diagnostic and therapeutic procedures involved in the assessment of congenital heart disease
- Contrast echocardiographic views, cardiac assessment techniques and surgical intervention utilised in complex and congenital heart disease
- Apply haemodynamic calculations used in complex cardiac assessment
- Critically evaluate the treatment options and examination protocol appropriate to different types of congenital heart disease.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

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