

Profile information current as at 01/05/2024 03:21 am

All details in this unit profile for ENEM14015 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 project based learning unit examines the behaviour of mechanical systems. You will apply knowledge of engineering science and mathematics to model and analyse mechanical systems and consider the nature of engineering assumptions and the effects of uncertainty on analysis and modelling. You will apply control and vibration theory, design and analyse linear and non-linear mathematical models and use simulation software to predict the behaviour of mechanical systems. You will be expected to apply the modelling and analysis of mechanical systems to industrial problems and contexts. You will have opportunities to work individually and in teams to complete projects and to develop interpersonal and technical communication skills. You will prepare professional documentation of problem solutions and project reports. Distance education students are required to have access to a computer, to make frequent use of the Internet, and are required to participate in Residential School activities.

#### Details

Career Level: Undergraduate

Unit Level: Level 4 Credit Points: 12

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.25

# Pre-requisites or Co-requisites

Prerequisite: ENEM12007 Statics and Dynamics or ENEM12010 Engineering Dynamics

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 Procedure (Higher Education Coursework)</u>.

# Offerings For Term 2 - 2017

- Bundaberg
- Distance
- Gladstone
- Mackay
- Melbourne
- Perth
- Rockhampton

# 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**

1. Portfolio

Weighting: 100%

# 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 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 Student feedback

#### **Feedback**

To help understanding the labs might be better done earlier in the term.

#### Recommendation

In 2017 will trial running the labs earlier where lab technician availability permits.

# Feedback from Teaching staff reflection

#### Feedback

Online tutorial and live streaming of lectures still needs improving in areas of audio and video transmission.

#### Recommendation

New online tutorial and live lecture streaming will be used in 2017. Will request wireless microphone be made available for the teaching staff to improve audio.

#### Feedback from Student feedback

#### **Feedback**

Projects focused on only one area in mechanical engineering.

#### Recommendation

Provide more tutorial exercises and examples of applications in other areas of mechanical engineering to give students an insight in where and how the unit material could be useful and applicable in the future.

## Feedback from Student feedback

#### **Feedback**

Basic theory and understanding could be explained better.

## Recommendation

Will improve general introductions to material, particularly in the area of modelling so students get a better overall understanding and how it could be useful and applicable in the future.

# **Unit Learning Outcomes**

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

- 1. Design mathematical models that analyse and evaluate mechanical systems
- 2. Explain and apply control theory and control system approaches to mechanical systems
- 3. Explain the role of engineering assumptions in building mathematical models of mechanical systems
- 4. Relate theory to problems of introducing, operating and maintaining mechanical systems in the industrial context
- 5. Identify and evaluate engineering uncertainty and the limitations of mathematical models
- 6. Work collaboratively in a team to produce high quality outputs
- 7. Create professional documentation using mechanical systems terminology, symbols and diagrams

The learning outcomes are linked to Engineers Australia Stage 1 Competencies.

	1	2	3	4	5	6	7	8	9	10
lignment of Assessment Tasks to Gra			es e Attı	ribut	:es					
10 - Aboriginal and Torres Strait Islander Culture										
9 - Social Innovation  10 - Aboriginal and Torres Strait Islander Culture	c									
8 - Ethical practice									•	•
7 - Cross Cultural Competence									•	
6 - Information Technology Competence				•	•	•	•	•	•	
5 - Team Work									•	
4 - Information Literacy				•	•	•	•	•	•	
3 - Critical Thinking				•	•	•	•	•	•	
2 - Problem Solving				•	•	•	•	•	•	
1 - Communication					•	•	•		•	•
				1	2	3	4	5	6	7
Graduate Attributes		Learning Outcomes								
lignment of Graduate Attributes to Le	earning Out	con	nes							
1 - Portfolio - 100%		•	•		•	•	•		•	•
		1	2		3	4	5		6	7
Assessment Tasks		Lea	rning	Out	com	es				
lignment of Assessment Tasks to Lea	rning Outc	ome	es							
N/A Introductory Intermediate Level Graduate	Professiona Level		Adva Level							

# Textbooks and Resources

## **Textbooks**

ENEM14015

#### **Prescribed**

#### Modelling and analysis of dynamic systems

Edition: 3rd (2001)

Authors: Close, CM, Frederick, DK & Newell, JC

John Wiley & Sons

US

Binding: Hardcover ENEM14015

#### **Prescribed**

#### Theory of Vibrations with Applications

Edition: 5th (2014)

Authors: Thomson, W & Dahleh, M

Pearson England

Binding: Paperback

#### **Additional Textbook Information**

It is not mandatory to purchase the unit textbooks but these are referred during the unit. Recommended chapter readings and tutorial questions are referred to from these textbooks. Any tutorial questions sourced from the textbooks are provided to students so they can use alternative textbooks and resources for the theory resources. In particular the mechanical vibration textbook (Thomson, W & Dahleh, M 2014) is used the most in the unit. Also a low cost e-book version of (Close, CM, Frederick, DK & Newell, JC 2001) is available from the publisher's website.

Currently distance students will be required to purchase <u>MATLAB and Simulink Student Suite</u> to undertake the unit, which is available from http://au.mathworks.com. Please contact the Engineering course coordinator Dr Aruna Jayasuriya (a.jayasuriya@cqu.edu.au) for the latest availability of software for distance students.

### View textbooks at the CQUniversity Bookshop

## IT Resources

#### You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- A4 scanner required for Distance students to scan any written work into their final portfolio submission

# Referencing Style

All submissions for this unit must use the referencing style: <u>Harvard (author-date)</u> For further information, see the Assessment Tasks.

# **Teaching Contacts**

Nur Hassan Unit Coordinator

n.hassan@cqu.edu.au

# Schedule

## Week 1 - 10 Jul 2017

Module/Topic

Chapter

**Events and Submissions/Topic** 

Review of Mechanical Vibrations	Close: Ch: 1, 2, 3, 4, 8, 9, 14; Thomas: Ch: 1, 2, 3, 4	<b>ISL/Zoom Lecture:</b> Introduction, Review of Mechanical Vibrations No Tutorial or computer lab.
Week 2 - 17 Jul 2017		
Module/Topic	Chapter	Events and Submissions/Topic
Analysis of Vibratory Systems – Mathematical Theories and Modelling Approaches	As above	ISL/Zoom Lecture: Analysis of Vibratory Systems ISL Tutorials and Computer labs: Start in Week 2 and run to Week 12, every week.
Week 3 - 24 Jul 2017		
Module/Topic	Chapter	Events and Submissions/Topic
Project #1 - Mathematical Models	As above	ISL/Zoom Lecture: Project 1 Introduction
		introduction
Week 4 - 31 Jul 2017		
Module/Topic  Project #2 Single degree of freedom systems	Close: Ch: 2, 3, 4, 7, 8, 9, 14, Thomas: Ch: 1, 2, 3, 4	ISL/Zoom Lecture: Project 2 Introduction Project #1 - Mathematical Models Report Due Tuesday Residential School (FLEX) & Rockhampton Labs (For other campuses please check with your campus contact on the date and location for your laboratory program)
Week 5 - 07 Aug 2017		
Module/Topic	Chapter	Events and Submissions/Topic
Project #2 Single degree of freedom	Analysis	No ICI /70 am I catuma this work
systems	As above	No ISL/Zoom Lecture this week
	AS above	No ISL/Zoom Lecture this week
systems	Chapter	Events and Submissions/Topic
systems  Vacation Week - 14 Aug 2017		
systems  Vacation Week - 14 Aug 2017  Module/Topic		Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week  Project #2 - Single DOF Systems
systems  Vacation Week - 14 Aug 2017  Module/Topic  Vacation Week		Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week  Project #2 - Single DOF Systems
systems  Vacation Week - 14 Aug 2017  Module/Topic  Vacation Week  Week 6 - 21 Aug 2017	Chapter	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week  Project #2 - Single DOF Systems  Report Due Tuesday
systems  Vacation Week - 14 Aug 2017  Module/Topic  Vacation Week  Week 6 - 21 Aug 2017  Module/Topic  Project #3 Multiple degree of freedom	Chapter Chapter Close: Ch: 2, 3, 4, 7, 8, 9, 14,	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3
systems  Vacation Week - 14 Aug 2017  Module/Topic  Vacation Week  Week 6 - 21 Aug 2017  Module/Topic  Project #3 Multiple degree of freedom systems	Chapter Chapter Close: Ch: 2, 3, 4, 7, 8, 9, 14,	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3
vacation Week - 14 Aug 2017 Module/Topic  Vacation Week  Week 6 - 21 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 7 - 28 Aug 2017	Chapter Close: Ch: 2, 3, 4, 7, 8, 9, 14, Thomas: Ch: 4, 5, 6, 8. Chapter	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3 Introduction
Vacation Week - 14 Aug 2017 Module/Topic  Vacation Week  Week 6 - 21 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 7 - 28 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems	Chapter  Chapter  Close: Ch: 2, 3, 4, 7, 8, 9, 14, Thomas: Ch: 4, 5, 6, 8.  Chapter	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3 Introduction  Events and Submissions/Topic
Vacation Week - 14 Aug 2017 Module/Topic  Vacation Week  Week 6 - 21 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 7 - 28 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 8 - 04 Sep 2017	Chapter  Close: Ch: 2, 3, 4, 7, 8, 9, 14, Thomas: Ch: 4, 5, 6, 8.  Chapter  As above	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3 Introduction  Events and Submissions/Topic No ISL/Zoom Lecture this week
Vacation Week - 14 Aug 2017 Module/Topic  Vacation Week  Week 6 - 21 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 7 - 28 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems	Chapter  Chapter  Close: Ch: 2, 3, 4, 7, 8, 9, 14, Thomas: Ch: 4, 5, 6, 8.  Chapter	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3 Introduction  Events and Submissions/Topic
Vacation Week - 14 Aug 2017 Module/Topic  Vacation Week  Week 6 - 21 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 7 - 28 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 8 - 04 Sep 2017 Module/Topic  Project #4 Real data modelling,	Chapter Close: Ch: 2, 3, 4, 7, 8, 9, 14, Thomas: Ch: 4, 5, 6, 8.  Chapter As above  Chapter Close: Ch: 5, 7, 8, 9, 14, 15, Thomas:	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3 Introduction  Events and Submissions/Topic No ISL/Zoom Lecture this week  Events and Submissions/Topic ISL/Zoom Lecture: Project 4 Introduction Project #3 - MDOF Systems Report
Vacation Week - 14 Aug 2017 Module/Topic  Vacation Week  Week 6 - 21 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 7 - 28 Aug 2017 Module/Topic  Project #3 Multiple degree of freedom systems  Week 8 - 04 Sep 2017 Module/Topic  Project #4 Real data modelling, system commissioning, control.	Chapter Close: Ch: 2, 3, 4, 7, 8, 9, 14, Thomas: Ch: 4, 5, 6, 8.  Chapter As above  Chapter Close: Ch: 5, 7, 8, 9, 14, 15, Thomas:	Events and Submissions/Topic  No ISL/Zoom Lecture, Computer lab or ISL Tutorials this week Project #2 - Single DOF Systems Report Due Tuesday  Events and Submissions/Topic ISL/Zoom Lecture: Project 3 Introduction  Events and Submissions/Topic No ISL/Zoom Lecture this week  Events and Submissions/Topic ISL/Zoom Lecture: Project 4 Introduction Project #3 - MDOF Systems Report

Week 10 - 18 Sep 2017		
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
Project #4 Real data modelling, system commissioning, control.	As above	No ISL/Zoom Lecture this week
Week 11 - 25 Sep 2017		
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
Portfolio finalisation	Portfolio finalisation	<b>No ISL/Zoom Lecture this week</b> Project #4 - Control Systems Report Due Tuesday
Week 12 - 02 Oct 2017		
Module/Topic	Chapter	<b>Events and Submissions/Topic</b>
Portfolio finalisation	Portfolio finalisation	No ISL/Zoom Lecture this week Lab Book Due Tuesday
Review/Exam Week - 09 Oct 2017		
Module/Topic	Chapter	Events and Submissions/Topic
Exam Week - 16 Oct 2017		
Module/Topic	Chapter	<b>Portfolio</b> Due: Exam Week Tuesday (17 Oct 2017) 11:45 pm AEST

# **Term Specific Information**

**Note:** It is not mandatory to purchase the unit textbooks but these are referred during the unit. Recommended chapter readings and tutorial questions are referred to from these textbooks. Any tutorial questions sourced from the textbooks are provided to students so they can use alternative textbooks and resources for the theory resources. In particular the mechanical vibration textbook (Thomson, W & Dahleh, M 2014) is used the most in the unit. Also a low cost e-book version of (Close, CM, Frederick, DK & Newell, JC 2001) is available from the publisher's website. Currently distance students will be required to purchase MATLAB and Simulink Student Suite to undertake the unit, which is available from http://au.mathworks.com. Please contact the Engineering course coordinator Dr Aruna Jayasuriya (a.jayasuriya@cqu.edu.au) for the latest availability of software for distance students.

## **Assessment Tasks**

# 1 Portfolio

## **Assessment Type**

Portfolio

#### **Task Description**

The final assessment for the unit will be 100% on the individual student's portfolio submission. In general, students must demonstrate in their portfolio how the learning outcomes have been achieved through their individual contribution to four group projects, laboratory program, textbook problems, demonstration problems and any additional questions the students wish to submit. Students must demonstrate their contribution to the projects, what they have learnt from the technical content of projects and the processes involved in completing the projects. The project details, laboratory program and demonstration problems will be provided via the Moodle unit website in alignment with the unit schedule. The portfolio is the full record of your journey through this unit. It should include all notes, theory development, worked examples, demonstration problems, laboratory notes and workings, explorations in design, management and team issues and reflective journal. The portfolio should only contain portions of project work which you completed or made substantial contributions to. Any contributions by others should be clearly indicated. Brief descriptions of the major parts of the portfolio are listed below.

## - Reflective Journal

In the reflective journal section of the portfolio students will reflect on what they have set out to learn, how they have approached their learning, what they have achieved, where they could apply what they have learnt and what they would

do differently in future to improve their learning effectiveness. The journal will also include reflections on social and contractual responsibilities that arise from the unit content.

#### - Projects

Four projects will be completed by teams during the term. Each team shall submit a report per project. Feedback will be provided on the project submissions. Project grades are not directly used in the student's individual grade however poor project results and poor project participation makes it more difficult for the student to demonstrate their competency in the unit learning outcomes and complete any additional textbook and demonstration problems.

#### - Compulsory Laboratories

There is a compulsory hands-on laboratory program in the unit to aid your understanding. All students, Internal and Distance, will complete a full laboratory program. The Rockhampton laboratory program & Residential School, is in Week 4 for the Rockhampton students and the Distance students. Distance students may request to attend the laboratory sessions at other campuses (however these may be over a couple of weeks depending on the campus). Internal students at other campuses will be advised of the date of your laboratory program early in the term. Formal laboratory reports are not requested however students are requested to record results, calculations, discussion and conclusions in their individual lab book as indicated in the provided lab sheets on the moodle site. The lab book will help by providing evidence for parts of the required portfolio assessment criteria. The lab book is to scanned and submitted online on Tuesday in Week 12 (however it can be submitted earlier). Feedback will be given on the submitted lab book to enable student to determine the appropriateness of it for use as evidence in their final portfolio. A satisfactory Lab Book Submission is required to Pass the unit.

#### - Demonstration Problems

A selection of optional demonstration problems will be made available on the Moodle for students to complete and include in their final portfolio. Completing these problems will assist students to demonstrate their individual achievement of the Learning Outcomes. The demonstration problems are closely related to the projects, so a high involvement in the projects will help with the demonstration problems. Students are not limited or confined to the demonstration problems but are free to include their own exploration of the unit content by individually extending (or correcting) the group projects or choosing other questions to demonstrate the Learning Outcomes.

A Distinction or High Distinction Level will require a demonstration of a high individual achievement of the Learning Outcomes and the demonstration problems and other individual work will assist the student in creating the necessary evidence for this. Without any Demonstration Problems or other individual questions it will be very difficult to attain a High Distinction, unless you can demonstrate an exception level of involvement in the projects. Direct transcribing of any provided worked tutorial solutions cannot be used as evidence.

#### - Viva Voce

Following the grading of the Final Portfolio, students may be requested to attend a 10 minute Viva Voce to discuss their Final Portfolio. If required the viva will be conducted either face-face, by video conferencing or via telephone.

## **Assessment Due Date**

Exam Week Tuesday (17 Oct 2017) 11:45 pm AEST

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

Assessment will be returned after CQU Certification of Grades

#### Weighting

100%

#### **Assessment Criteria**

The portfolio will be used to assess your increase in knowledge, effective management of yourself and others, team work, communication, commitment and learning processes. Students are expected to nominate a grade that they consider should be awarded. This must be clearly substantiated with evidences of individual work in support of such claims. These claims will be assessed based on the how well the material presented in the portfolio demonstrates the attainment of the unit learning outcomes.

The award of grade will depend the student's demonstrated individual achievement of the learning outcomes of the unit, the student's involvement in the team projects and the holistic development of each student. A detailed Portfolio Assessment Criteria Matrix is available on the Moodle unit site indicating the requirements for acceptable, good and excellent levels for each Learning Outcome. The final grading rubric (shown below) is based on the attainment levels of the Learning Outcomes.

Fail	Unacceptable in one or more learning outcomes
Pass	A minimum of Acceptable in all learning outcomes
Credit	A minimum of Good in 3 learning outcomes
Distinction	A minimum of Excellent in 2 learning outcomes and a maximum of 2 learning outcomes at Acceptable

High Distinction

A minimum of Excellent in 5 learning outcomes and a maximum of 1 learning outcome at Acceptable or Aminimum of Excellent in 4 learning outcomes and the remainder at Good

#### **Referencing Style**

• Harvard (author-date)

#### **Submission**

Online

#### **Submission Instructions**

Scan your portfolio and submit it with any other supporting electronic files online via the moodle unit website

## **Learning Outcomes Assessed**

- Design mathematical models that analyse and evaluate mechanical systems
- Explain and apply control theory and control system approaches to mechanical systems
- Explain the role of engineering assumptions in building mathematical models of mechanical systems
- Relate theory to problems of introducing, operating and maintaining mechanical systems in the industrial context
- Identify and evaluate engineering uncertainty and the limitations of mathematical models
- Work collaboratively in a team to produce high quality outputs
- Create professional documentation using mechanical systems terminology, symbols and diagrams

#### **Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- 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 <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?



#### **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