



# **ENEE14007 *Electrical Machines and Drives***

## ***Applications***

### **Term 1 - 2017**

Profile information current as at 15/05/2024 04:12 pm

All details in this unit profile for ENEE14007 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

In this project based learning unit, you will analyse and design systems and components that convert electrical energy into mechanical energy. You will investigate the construction and operational characteristics of various DC and AC electrical machines, analyse machine protection and control schemes and select and specify machines for particular applications. Furthermore, you will learn about components and materials for electrical machines, and use power electronics to optimise the performance of energy conversion. You are expected to learn and work individually and in teams to complete projects, to develop interpersonal and technical communication skills and to prepare professional documentation, including problem solutions, electrical designs 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

Pre-requisite: (ENEG12004 Engineering Design & Management Planning OR ENEG12002 Engineering Design OR ENEG12007 Design & Project Management ) AND ENEE12015 Electrical Power Engineering

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 - 2017

- Bundaberg
- Distance
- Gladstone
- Mackay
- Melbourne
- 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 [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 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. **Written Assessment**

Weighting: 15%

#### 2. **Written Assessment**

Weighting: 15%

#### 3. **Practical and Written Assessment**

Weighting: 20%

#### 4. **Written Assessment**

Weighting: 40%

#### 5. **Online Quiz(zes)**

Weighting: 10%

### 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 Course survey

##### **Feedback**

Students have expressed the difficulty to figure out all the components that need to be included in the individual learning portfolio.

##### **Recommendation**

Students have expressed the difficulty to figure out all the components that need to be included in the individual learning portfolio. - A course change proposal will be lodged to include different components of the individual learning portfolio to be mentioned in the course profile as separate assessment items.

##### **Action**

This unit was earlier assessed as a 100% portfolio based assessment. During that time, there were student complaints about the clarity of the assessment items required in the portfolio. Term 1, 2017 was the first offering where several marked assessment pieces were introduced deviating from 100% portfolio based assessment.

#### Feedback from Course survey

##### **Feedback**

Students have appreciated the project component of the course

##### **Recommendation**

Students have appreciated the project component of the course - The project component will be further consolidated and continued

##### **Action**

The project component was included as a marked assessment item carrying 40% out of the unit total.

#### Feedback from Course survey

##### **Feedback**

Students have appreciated the laboratory component of the course

##### **Recommendation**

Students have appreciated the laboratory component of the course - The laboratory component will be further consolidated and continued

##### **Action**

The laboratory component was included as a marked assessment item carrying 20% out of the unit total.

#### Feedback from Course survey

##### **Feedback**

Students have shown the need for more workbook activities

##### **Recommendation**

Students have shown the need for more workbook activities - This will be addressed in the next offering.

##### **Action**

More workbook activities were introduced and a quiz was also introduced as a marked assessment item.

## Unit Learning Outcomes

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

1. Compare and explain features of DC and AC electrical machines
2. Design and justify innovative electrical drive systems for industrial applications
3. Apply protection and control schemes for electrical drives
4. Apply power electronic devices and circuits for optimising energy conversion in electrical drive system applications
5. Create professional documentation of the design, analysis process and solutions using electrical terminology, symbols and diagrams
6. Work collaboratively in a team to produce high quality outputs

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

## 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
<b>1 - Written Assessment - 15%</b>	•	•	•		•	
<b>2 - Written Assessment - 15%</b>	•	•	•		•	
<b>3 - Practical and Written Assessment - 20%</b>	•	•		•	•	•
<b>4 - Written Assessment - 40%</b>	•	•	•	•	•	•
<b>5 - Online Quiz(zes) - 10%</b>	•		•	•		

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
<b>1 - Communication</b>	•	•	•	•	•	•
<b>2 - Problem Solving</b>	•	•	•	•	•	•
<b>3 - Critical Thinking</b>	•	•	•	•	•	•
<b>4 - Information Literacy</b>	•	•	•	•	•	•
<b>5 - Team Work</b>		•		•		•
<b>6 - Information Technology Competence</b>	•	•	•	•	•	•

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
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 - Written Assessment - 15%	•	•	•	•		•				
2 - Written Assessment - 15%	•	•	•	•		•				
3 - Practical and Written Assessment - 20%	•	•	•	•	•	•	•	•		
4 - Written Assessment - 40%	•	•	•	•	•	•	•	•		
5 - Online Quiz(zes) - 10%	•	•	•	•		•				

## Textbooks and Resources

### Textbooks

ENEE14007

#### Prescribed

#### Electrical machines, drives and power systems

6th edn - new international edition (2014)

Authors: Wildi, T

Pearson Education

Upper Saddle River , NJ , USA

ISBN: 1-292-02458-5

Binding: Hardcover

#### Additional Textbook Information

[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

**Sanath Alahakoon** Unit Coordinator  
[s.alahakoon@cqu.edu.au](mailto:s.alahakoon@cqu.edu.au)

## Schedule

### Week 1 - 06 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Electrical Machines, Their Applications and DC Machines	Scan read Chapter 1, Chapter 2 and Chapter 3 as revision. Also Cover 25% of Chapter 4.	

### Week 2 - 13 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
DC Machines	Chapter 4 and Chapter 5	

### Week 3 - 20 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Induction (AC) Machines	Chapter 13, Chapter 14 and Chapter 18	

### Week 4 - 27 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Induction (AC) Machines	Chapter 13, Chapter 14 and Chapter 18	

### Week 5 - 03 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Synchronous (AC) Machines	Chapter 16, Chapter 17	Residential school of this course will be from 5th till 7th of April 2017 in Rockhampton B28/2.10. Also refer to course web site for more details

### Vacation Week - 10 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
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### Week 6 - 17 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Synchronous (AC) Machines	Chapter 16, Chapter 17	<b>Assignment 1</b> Due: Week 6 Monday (17 Apr 2017) 11:45 pm AEST

### Week 7 - 24 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Fundamentals in Protection and Control of Electrical Machines	Chapter 20	

### Week 8 - 01 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Power Electronics and Power Converters	Chapter 21	Submission of DC and Induction Machines Lab Reports. Friday 05th May 2017 before 23.45 (Part 1 of Practical and written assessment) Also refer to course web site for more details
<b>Week 9 - 08 May 2017</b>		
<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Electronic Control of DC machines	Chapter 22	
<b>Week 10 - 15 May 2017</b>		
<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Electronic Control of AC machines	Chapter 23	Submission of Synchronous Machines and Thyristor Speed Control Lab Reports. Friday 19th May 2017 before 23.45 (Part 2 of Practical and written assessment) Also refer to course web site for more details
<b>Laboratory/Residential School and Lab Reports</b> Due: Week 10 Friday (19 May 2017) 11:45 pm AEST		
<b>Week 11 - 22 May 2017</b>		
<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Unconventional and Special Machines	Chapter 19	
<b>Week 12 - 29 May 2017</b>		
<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Reflection and completion and submission of Team project report		<b>Assignment 2</b> Due: Week 12 Monday (29 May 2017) 11:45 pm AEST <b>Team Project</b> Due: Week 12 Friday (2 June 2017) 11:45 pm AEST
<b>Review/Exam Week - 05 Jun 2017</b>		
<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>
Reflection and completion of online quiz		<b>End of Term Online Quiz</b> Due: Review/Exam Week Friday (9 June 2017) 11:45 pm AEST
<b>Exam Week - 12 Jun 2017</b>		
<b>Module/Topic</b>	<b>Chapter</b>	<b>Events and Submissions/Topic</b>

## Assessment Tasks

### 1 Assignment 1

#### Assessment Type

Written Assessment

#### Task Description

This **compulsory** assessment will have 6 - 8 numerical problems where students are expected to workout answers and present their working demonstrating logical steps of calculations. The questions will cover their learning during Weeks 01 till Week 05. The questions of this assignment will be published in Moodle site in the beginning of the term. This assessment item will cover Learning Outcomes 1, 2, 3, 4 and 5.



**Assessment Due Date**

Week 6 Monday (17 Apr 2017) 11:45 pm AEST

To be submitted as WORD or PDF file to course Website, one submission per student

**Return Date to Students**

Week 8 Friday (5 May 2017)

Feedback given through course website in Moodle

**Weighting**

15%

**Minimum mark or grade**

In order to pass, students must score more than 40% out of the allocated marks for this assignment

**Assessment Criteria**

**Each question in this assignment will be assessed separately for the criterion accuracy and correct results and given a mark from zero to 20 marks. 10% of the total marks for this assignment are based on accuracy and correct results, including:**

- Correct application of maths and arithmetic
- Answers clearly identified
- Correct results

**In addition, the assignment as a whole will be assessed against the following criteria:**

**Evidence of correct procedures (50% of the total marks for the assignment)**

- All necessary steps in analysis are present on correct order
- Clear presentation of mathematical and arithmetical working linking given details of the problem to the results obtained.
- Evidence of checking results (mathematical, graphical, logic-common sense)

**Evidence of understanding of the topic (30% of the total marks for the assignment)**

- Explanation of choices made in the analysis (why is procedure required, why this particular procedure)
- Interpretation of results, eg limitations, direction of vectors

**Professional presentation (10% of the total marks for the assignment)**

- The work (job) is clearly identified (problem, date, analyst)
- Clear statement of each problem and its details and requirements
- Logical layout of analysis
- Appropriate use of diagrams, clear diagrams
- Correct use of terminology, conventions
- Clear English in the explanation of procedure and interpretation of results.
- Referencing of authoritative sources of equations and data

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

To be submitted online through course website in Moodle

**Learning Outcomes Assessed**

- Compare and explain features of DC and AC electrical machines
- Design and justify innovative electrical drive systems for industrial applications
- Apply protection and control schemes for electrical drives
- Create professional documentation of the design, analysis process and solutions using electrical terminology, symbols and diagrams

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

## 2 Assignment 2

### Assessment Type

Written Assessment

### Task Description

This **compulsory** assessment will have 6 - 8 numerical problems where students are expected to workout answers and present their working demonstrating logical steps of calculations. The questions will cover their learning during Weeks 06 till Week 11. The questions of this assignment will be published in Moodle site in the beginning of the term. This assessment item will cover Learning Outcomes 1, 2, 3, 4 and 5.

### Assessment Due Date

Week 12 Monday (29 May 2017) 11:45 pm AEST

To be submitted online through course website in Moodle

### Return Date to Students

Monday (12 June 2017)

To be submitted as WORD or PDF file to course Website, one submission per student

### Weighting

15%

### Minimum mark or grade

In order to pass, students must score more than 40% out of the allocated marks for this assignment

### Assessment Criteria

**Each question in this assignment will be assessed separately for the criterion accuracy and correct results and given a mark from zero to 20 marks. 10% of the total marks for this assignment are based on accuracy and correct results, including:**

- Correct application of maths and arithmetic
- Answers clearly identified
- Correct results

**In addition, the assignment as a whole will be assessed against the following criteria:**

#### **Evidence of correct procedures (50% of the total marks for the assignment)**

- All necessary steps in analysis are present on correct order
- Clear presentation of mathematical and arithmetical working linking given details of the problem to the results obtained.
- Evidence of checking results (mathematical, graphical, logic-common sense)

#### **Evidence of understanding of the topic (30% of the total marks for the assignment)**

- Explanation of choices made in the analysis (why is procedure required, why this particular procedure)
- Interpretation of results, eg limitations, direction of vectors

#### **Professional presentation (10% of the total marks for the assignment)**

- The work (job) is clearly identified (problem, date, analyst)
- Clear statement of each problem and its details and requirements
- Logical layout of analysis
- Appropriate use of diagrams, clear diagrams
- Correct use of terminology, conventions
- Clear English in the explanation of procedure and interpretation of results.
- Referencing of authoritative sources of equations and data

### Referencing Style

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

### Submission

Online

### Submission Instructions

To be submitted online through course website in Moodle

### Learning Outcomes Assessed

- Compare and explain features of DC and AC electrical machines
- Design and justify innovative electrical drive systems for industrial applications
- Apply protection and control schemes for electrical drives
- Create professional documentation of the design, analysis process and solutions using electrical terminology, symbols and diagrams

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

## 3 Laboratory/Residential School and Lab Reports

### Assessment Type

Practical and Written Assessment

### Task Description

This **compulsory** assessment item covers the laboratory experiment component of the unit. On-campus students will carry out the experiments during laboratory experiment sessions scheduled each week (**attendance is compulsory**) while the distance students are supposed to attend a **compulsory** residential school. Students will be formed into teams and each team must submit separate professional technical laboratory reports on each experiment. The details of the experiments will be notified to students through the course Website. Please also refer to assessment criteria for more details. This assessment item covers the Learning Outcomes 1,3,4,5,6.

### Assessment Due Date

Week 10 Friday (19 May 2017) 11:45 pm AEST

Submit to the link in the course website in Moodle as a WORD or PDF file.

### Return Date to Students

Week 12 Friday (2 June 2017)

Feedback given through course website in Moodle

### Weighting

20%

### Minimum mark or grade

In order to pass, students must score more than 40% out of the allocated marks for this assignment

### Assessment Criteria

**Marking of the team reports will be done according to the following criteria.**

- The accuracy and relevance of information
- Application of knowledge
- Language and grammar used in answering questions
- Proper referencing of sources of information
- Inclusion of all relevant Equations, images, data and tables, and the quality of presentation and layout.
- The marking scheme will be published in Moodle site together with Laboratory instruction sheets.

### Referencing Style

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

### Submission

Online

### Submission Instructions

To be submitted online through course website in Moodle

### Learning Outcomes Assessed

- Compare and explain features of DC and AC electrical machines
- Design and justify innovative electrical drive systems for industrial applications
- Apply power electronic devices and circuits for optimising energy conversion in electrical drive system applications
- Create professional documentation of the design, analysis process and solutions using electrical terminology,

- symbols and diagrams
- Work collaboratively in a team to produce high quality outputs

#### **Graduate Attributes**

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

## **4 Team Project**

### **Assessment Type**

Written Assessment

### **Task Description**

This **compulsory** assessment item is the project component of the unit. Students will carry out this in teams. Complete details of an Electrical machines and drive system design project will be provided in unit Moodle site in the beginning of the term. Students will be carrying out the project in teams through out the term and submit a professionally done team report. The project is carried out by the teams like a team of electrical engineering consulting engineers. It requires the student teams to submit an expression of interest before a specified deadline communicated to the students through Moodle site at the early stages of the term. Afterwards, the teams are supposed to attend a debriefing meeting in the mid-way of the project execution. Final reports are expected before the deadline specified below. This assessment item covers all learning outcome of the unit.

### **Assessment Due Date**

Week 12 Friday (2 June 2017) 11:45 pm AEST

Submit to the link in the course website in Moodle as a WORD or PDF file.

### **Return Date to Students**

Exam Week Friday (16 June 2017)

Feedback given through course website in Moodle

### **Weighting**

40%

### **Minimum mark or grade**

In order to pass, students must score more than 40% out of the allocated marks for this assignment

### **Assessment Criteria**

Marks for the project will be given based on the quality of each project activity; i.e. Expression of interest, debriefing meeting, project report. The marking schemes for each of those will be published in the Moodle site.

### **Referencing Style**

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

### **Submission**

Online

### **Submission Instructions**

To be submitted online through course website in Moodle

### **Learning Outcomes Assessed**

- Compare and explain features of DC and AC electrical machines
- Design and justify innovative electrical drive systems for industrial applications
- Apply protection and control schemes for electrical drives
- Apply power electronic devices and circuits for optimising energy conversion in electrical drive system applications
- Create professional documentation of the design, analysis process and solutions using electrical terminology, symbols and diagrams
- Work collaboratively in a team to produce high quality outputs

### **Graduate Attributes**

- Communication

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

## 5 End of Term Online Quiz

### Assessment Type

Online Quiz(zes)

### Task Description

This **compulsory** assessment will have 30-40 questions where students are expected to workout 30-40 shorter numerical problems and choose the correct answer out of 4 given choices (MCQ). However, they are supposed to submit their scanned working through a separate link and the lecturer will comment on any intermediate mistakes they have made in case the final answer is wrong. These questions will cover the learning of students from Week 01 till Week 11. This assessment item covers learning outcomes 1,2,3,4

### Number of Quizzes

1

### Frequency of Quizzes

### Assessment Due Date

Review/Exam Week Friday (9 June 2017) 11:45 pm AEST

To be submitted online through course website in Moodle

### Return Date to Students

Exam Week Friday (16 June 2017)

Feedback given through course website in Moodle

### Weighting

10%

### Minimum mark or grade

In order to pass, students must score more than 40% out of the allocated marks for this assignment

### Assessment Criteria

Each correct question will carry 1 mark and the total will be scaled down to 10% of the course total.

### Referencing Style

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

### Submission

Online

### Submission Instructions

Complete the online quiz through the link provided in Moodle site. Submit the workings to the submission link provided in Moodle site.

### Learning Outcomes Assessed

- Compare and explain features of DC and AC electrical machines
- Apply protection and control schemes for electrical drives
- Apply power electronic devices and circuits for optimising energy conversion in electrical drive system applications

### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

## 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