

## In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



# ENEG13002 *Engineering Futures*

## Term 2 - 2026

Profile information current as at 22/01/2025 09:10 pm

All details in this unit profile for ENEG13002 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

The rapid development of technology continually influences and challenges how engineers practice. In this unit, you will learn about cutting-edge engineering projects incorporating multi-disciplinary teams, innovative methods to advance the United Nation's Sustainable Development Goals, and the application of big data, artificial intelligence, and the Internet of Things. The unit will also present future expectations for practicing engineers such as becoming a Registered Professional Engineer, understanding risk management in a changing world, complying with legislation, and promoting safety in engineering design and workplace operations.

### 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

Prerequisite: ENEG11007 Industry Project Investigation OR ENEG12007 Creative 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 2 - 2026

- Bundaberg
- Cairns
- Gladstone
- Mackay
- Online
- 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).

### 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

Information for Class and Assessment Overview has not been released yet.

This information will be available on Monday 18 May 2026

## 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 In-class feedback

##### **Feedback**

Students appreciated the clear and detailed assessment requirements provided on Moodle, as well as the extensive guidance and support offered for each assessment task.

##### **Recommendation**

This good practice should be continued.

#### Feedback from Unit evaluation dashboard

##### **Feedback**

Students have reported that the useful knowledge and skills gained from this unit require improvement.

##### **Recommendation**

In the next offering, additional information and resources should be integrated into the unit to enhance the students' learning experience and better utilise their knowledge and skills.

#### Feedback from Unit evaluation dashboard

##### **Feedback**

Students suggested improvements in the feedback provided on their assessment tasks to help them better learn from their performance and enhance their understanding.

##### **Recommendation**

In the next offering, online quiz questions should include feedback on student's answers. Additionally, more specific feedback should be provided on the Discussion Forums and Project (report) assessments to help students understand their mistakes and learn from them.

## Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 18 May 2026

## Alignment of Learning Outcomes, Assessment and Graduate Attributes

Information for Alignment of Learning Outcomes, Assessment and Graduate Attributes has not been released yet.

This information will be available on Monday 18 May 2026

## Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 22 June 2026

## Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.