

## In Progress

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



# **ENEG11007 *Engineering Industry Project*** ***Investigation*** **Term 2 - 2025**

Profile information current as at 27/09/2024 10:18 am

All details in this unit profile for ENEG11007 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 unit, you will apply, expand and reflect on your knowledge of professional engineering practice through investigating a real-world engineering project. You will work in a small team guided by a professional engineer or members from the Engineers Without Borders Challenge to develop your project outcomes. You will establish a scope for a team project that describes the requirements and potential issues involved. You will also design and conduct a technical investigation incorporating the engineering method of problem-solving to assess several viable solutions and; look to enhance project outcomes by applying concepts of sustainability and evidence-based decision making. You will also demonstrate an understanding of measurement techniques and data analysis methods in at least one technical area of engineering, and demonstrate professional communication skills by creating a team technical report and presentation. Throughout the unit, you will be compiling an Individual Portfolio to showcase your sustained contributions to the project and to demonstrate a professional attitude for working individually and in your team.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Prerequisite: ENEG11005 Fundamentals of Professional Engineering, ENAG11008 Professional and Sustainable Engineering Practice OR ENEG11001 Engineering Skills 1

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 - 2025

- 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 19 May 2025

## 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 SUTE

##### **Feedback**

Some students felt that individual workbook-related lectures (interpreted by students as Unit requirements) should be introduced early in the term to help them start constructing their workbook early in the term

##### **Recommendation**

Although the individual workbook-related lecture was delivered in week 5, it should have been delivered earlier in the term.

#### Feedback from SUTE

##### **Feedback**

Increased involvement from project sponsors was suggested to be more helpful.

##### **Recommendation**

Efforts should be made to ensure more involvement of the project sponsors to improve students learning

#### Feedback from Teaching team reflection

##### **Feedback**

Students gained valuable industry insights and enhanced their project management skills through participation in real-life projects.

##### **Recommendation**

Students will continue to receive similar opportunities to develop valuable industry insights and enhance their project management skills.

#### Feedback from SUTE

##### **Feedback**

Students provided very positive feedback for engaging teaching sessions

##### **Recommendation**

The practice will continue.

## Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 19 May 2025

## 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 19 May 2025

## Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 23 June 2025

## Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.