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 - 2027

Profile information current as at 12/11/2026 12:05 pm

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 - 2027

- 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 17 May 2027

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
- Academic Progression Policy and Procedure
- Student Refund and Credit Balance Policy and Procedure
- 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
Portfolio instructions were unclear until late in the term, causing confusion about expectations.

Recommendation
Portfolio instructions should be released early in the semester to ensure students understand requirements from the beginning of the term.

Feedback from SUTE

Feedback
Communication with industry partners was slow, which affected the quality of student work.

Recommendation
Better communication protocols should be established with industry partners. If needed, alternate guidance pathways should be provided when industry support is lacking.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 17 May 2027

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 17 May 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 17 May 2027

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.