

In Progress

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



ENEG11005 *Fundamentals of Professional Engineering*

Term 1 - 2022

Profile information current as at 26/10/2021 11:39 am

All details in this unit profile for ENEG11005 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 unit prepares you to effectively transition into higher education by investigating study support services and developing good study practices. You will explore the fundamental skills and knowledge that characterise contemporary engineering practice: stakeholder engagement, problem-solving, sustainable development, systems engineering, ethical conduct, risk assessment, information literacy, Australian Standards, social innovation, and technical communications. Your capacity to work productively in a small team and apply these fundamental aspects is developed and tested through undertaking a complex authentic engineering project. You will also learn to showcase your scholarly achievements by creating a student Portfolio. Successful completion of this unit will equip you with productive study habits; enlighten you with engineering practice insights; award you with practical communication skills in technical reporting, presentations, and sketching; and prepare you for the following series of Project-Based Learning units and associated opportunities to interact with the engineering profession. In this unit, you must complete compulsory practical activities. Refer to the Engineering Undergraduate Course Moodle site for proposed dates.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: *12*

Student Contribution Band: *8*

Fraction of Full-Time Student Load: *0.25*

Pre-requisites or Co-requisites

There are no requisites for this unit.

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 - 2022

- Bundaberg
- Cairns
- Gladstone
- Mackay
- Mixed Mode
- 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

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

This information will be available on Monday 10 January 2022

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 Satisfaction Survey

Feedback

Students enjoy the availability of lecturers and the assistance provided. Continue to maintain high levels of student interactions.

Recommendation

Maintain the schedule of lectures, workshops and drop-in session to ensure students have access to academics.

Feedback from Student Satisfaction Survey

Feedback

Students enjoy working on a real-world project that provides an induction to professional engineering practice

Recommendation

Maintain the team project to ensure students experience challenges across the breadth of the engineering practice.

Feedback from Student Satisfaction Survey

Feedback

The weekly activities assisted students to achieve the learning outcomes and complete assessments

Recommendation

Maintain purposeful activities each week to scaffold the assignments and facilitate the attainment of the learning outcomes.

Feedback from Student Satisfaction Survey

Feedback

Ensure that workshops are scheduled after lectures and explain the expectations of the portfolio assignment earlier in the term

Recommendation

Refine the schedule to discuss the portfolio requirements earlier and ensure Zoom sessions occur after the weekly lecture.

Feedback from Student Satisfaction Survey

Feedback

Students appreciate the examples and templates provided for assignments and other activities but these resources could be expanded

Recommendation

Continue to expand supplementary resources like exemplars and templates to give greater clarity to students when completing set tasks.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 10 January 2022

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 10 January 2022

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 10 January 2022

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.