

In Progress

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



ENEG13001 *Humanitarian Engineering Project*

Term 2 - 2027

Profile information current as at 07/09/2026 10:03 pm

All details in this unit profile for ENEG13001 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 must complete a two-week mobility trip as a compulsory practicum and work on an international humanitarian engineering project for a developing or marginalised community. Places are limited to self-paying participants and recipients of a New Colombo Plan Mobility Scholarship. Through collaborative discussions with your host community, you will critically analyse the development context and identify wants, needs, strengths and opportunities for social innovation. You will make recommendations by applying principles of sustainable development, human-centred design and systems engineering. You will create a project implementation plan, generate rapid prototypes and present your design to community members and assess its long-term viability. You will demonstrate ethical conduct and professional accountability, team membership and team leadership, knowledge management and a creative, innovative and proactive demeanour. Additional financial assistance for mobility trips is available by application for an OS-Help loan.

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

At least 48 credit points successfully completed, including ENEG11007 OR ENEG11002. Head of Course permission is required before enrolling in 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 2 - 2027

- Mixed Mode

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

Students undertaking the local practicum should be provided with more structured remote opportunities to engage with community stakeholders and participate in project activities.

Recommendation

More effective remote engagement strategies should be developed to support students undertaking the local practicum.

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 21 June 2027

Academic Integrity Statement

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