ENEE13022 *Communication Technology*
Term 1 - 2026

Profile information current as at 22/01/2025 08:04 pm

General Information

Overview

In this unit, you will gain an understanding of a wide range of communication engineering topics. You will be introduced to the relevant fundamental communication principles, common signal transmission modes and media, signal processing techniques used in communication systems, and various types of communication systems and networks. You will apply mathematical analysis techniques to study different communications systems and their applications. You will study the concepts of data and computer communications and the Internet. You will be introduced to some advanced communication topics such as wireless communications and optic fibre communications. The unit also provides you with opportunities to further develop communication skills through technical report writing and participation in class discussions. Furthermore, the unit aims to promote the UN Sustainable Development Goal 9 - Build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation by developing an understanding of how to build resilient and sustainable communication systems to support industrial innovation.

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

Prerequisites: (ENEE13018 Analogue Electronics AND ENEE13020 Digital Electronics) OR ENEX12002 Introductory Electronics
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 - 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 12 January 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 Unit Survey

Feedback
The project help session was delivered too close to the project's due date.

Recommendation
The project help session should be offered earlier to allow students time to absorb and use the information effectively.

Feedback from Unit Survey

Feedback
Online quizzes were challenging due to them being too different from the tutorial questions.

Recommendation
The alignment of the online quizzes and the tutorial problems should be improved to provide students with more practice before they are assessed.

Feedback from Unit Survey

Feedback
It is useful to have some content on the state-of-the-art communication technologies.

Recommendation
The unit content should be enhanced to include some state-of-the-art wireless and optical fiber communication technologies.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 12 January 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 12 January 2026

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 16 February 2026

Academic Integrity Statement

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