In Progress

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

ENEE20003 *Advanced Communication Systems*

Term 2 - 2025

Profile information current as at 05/09/2024 01:47 pm

All details in this unit profile for ENEE20003 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 expand your understanding of communications systems encompassing wireless and optical technologies. You will gain advanced knowledge of communication devices and systems and the ability to analyse various parameters such as loss, bandwidth, and signal quality. You will verify the developed theories using advanced simulation tools and gain knowledge of state-of-the-art communication systems. This unit will also provide you with opportunities to further develop your communication skills through collaborative teamwork and participation in class discussions. Furthermore, the unit also provides some awareness of the UN Sustainable Development Goal 9 in the context of engineering practice which is to build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation by developing advanced communications systems.

Details

Career Level: *Postgraduate*
Unit Level: *Level 9*
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 2 - 2025

- Melbourne
- 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).

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 Unit Survey's feedback

Feedback
The assessments were challenging and perhaps more difficult than what they should be.

Recommendation
Revise the assessment tasks to ensure they align well with the scaffolded learning activities. In addition, design and provide learning activities to help students develop knowledge and skills to solve more challenging problems.

Feedback from Unit Survey's feedback

Feedback
Students are not familiar with the industry software used for the design assessment. Although, the software has been taught in the intensive learning workshop, it is helpful to have more practices of the software during the term.

Recommendation
Incorporate software-based problems in the weekly tutorial exercises to allow early and more frequent practices of using the software and therefore enhance competency in using the software.

Feedback from Unit Coordinator's reflection

Feedback
The range of topics covered in the unit are perhaps excessive for one term.

Recommendation
Revise the unit learning contents to streamline the materials and improve the content flow.

Feedback from Unit Survey's feedback

Feedback
It is helpful to provide guidance and specific explanations of the assessment tasks to help students perform well in the assessments.

Recommendation
Provide dedicated workshops to assist students with the assessments to improve their understanding of the assessment expectations and provide suggestive strategies to tackle the assessment problems.

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.