

In Progress

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



ENTA13022 *Remote Piloted Aircraft Systems*

Term 1 - 2027

Profile information current as at 04/09/2026 06:42 pm

All details in this unit profile for ENTA13022 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

The unit will provide you with the fundamental knowledge of Remote Piloted Aircraft Systems technology. You will explore current and future developments of Remote Piloted Aircraft Systems applications such as surveying, photography, inspections, agriculture, and mining with a focus on applying automation in these areas. You will cover important elements of Remote Piloted Aircraft Systems operations, including weight and balance on design and structure. You will also evaluate the impact of the various navigation systems on Remote Piloted Aircraft Systems applications and will have exposure to other aspects associated with operating a Remote Piloted Aircraft such as Human Factors, Air Legislation, and Meteorology. You will get the opportunity to select components, and assemble, operate and maintain a Remote Piloted Aircraft System to support a given scenario. At the end of this unit, you will be able to build and fly a Remote Piloted Aircraft. If you complete the optional residential school activity, you will be eligible to apply for Certificate III in Aviation (Remote Pilot) and the Australian Civil Aviation Safety Authority Remote Pilot License and Aeronautical Radio Operator Certificate.

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: Completion of 72cps.

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 - 2027

- Brisbane
- 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 11 January 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

Some students had difficulties completing practical tasks.

Recommendation

Greater care should be exercised to ensure students receive the correct components to complete the practical aspects of the course

Feedback from SUTE

Feedback

Student satisfaction with the usefulness of assessment feedback remains low.

Recommendation

Marking rubrics, assignment instructions, and feedback provided should be reviewed for clarity and relevance to the unit and course.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 11 January 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 11 January 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 15 February 2027

Academic Integrity Statement

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