

AVAT20005 *Advanced Aeronautical Practice 1*

Term 1 - 2025

Profile information current as at 20/05/2026 11:09 pm

All details in this unit profile for AVAT20005 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

Advanced Aeronautical Practice 1 will further develop your navigation and general handling skills necessary for commercial operations. Your flight training will be conducted by an approved external flight training provider. As you advance through the unit you will conduct long-distance flights visiting multiple aerodromes in regional and outback Australia. This will help to develop your self-management and self-discipline skills as well as giving you the opportunity to synthesise your practice with the theory you learnt in earlier units. Prior to each departure, you will prepare a sophisticated flight plan for an extended remote area multi-destination commercial flight exercise. Your critical reflection and self-analysis skills will be honed, assisting you to operate effectively in commercial aviation in remote areas. Throughout this unit you will keep a reflective journal which will enable you to present a critical analysis of your experience at the end of the unit. On completion of this unit, you will have accumulated 50 hours in command cross-country flight time. This is a requirement to apply for a Command Instrument Rating. You will practice your communication, analytic and presentation skills as you review your flight training. You will be required to attend residence school on the Cairns Campus in order to satisfy part of the assessment.

Details

Career Level: *Postgraduate*

Unit Level: *Level 8*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Prerequisite: AVAT20004 Aeronautical Practice 4

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 - 2025

- 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

Recommended Student Time Commitment

Each 6-credit Postgraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

Regional Campuses

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

Metropolitan Campuses

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. Practical Assessment

Weighting: Pass/Fail

2. Reflective Practice Assignment

Weighting: Pass/Fail

Assessment Grading

This is a pass/fail (non-graded) unit. To pass the unit, you must pass all of the individual assessment tasks shown in the table above.

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](#).

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Develop a sophisticated flight plan for an extended remote area multi-destination commercial navigation exercise
2. Pilot an aeroplane solo on extended remote area multi-destination commercial navigation exercises
3. Analyse and reflect critically on your long distance multi-destination remote area navigation training
4. Synthesise aviation theory and flight practice relevant to multi-destination commercial navigation
5. Communicate clearly and coherently with aviation staff.

N/A

Alignment of Learning Outcomes, Assessment and Graduate Attributes

—	N/A Level	●	Introductory Level	●	Intermediate Level	●	Graduate Level	○	Professional Level	○	Advanced Level
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Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Practical Assessment - 0%	●	●		●	●
2 - Reflective Practice Assignment - 0%			●	●	●

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Knowledge	○	○	○	○	○
2 - Communication	○	○			○
3 - Cognitive, technical and creative skills			○	○	
4 - Research					
5 - Self-management	○	○			
6 - Ethical and Professional Responsibility					
7 - Leadership	○	○			
8 - First Nations Knowledges					
9 - Aboriginal and Torres Strait Islander Cultures					

Textbooks and Resources

Textbooks

There are no required textbooks.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Qilei Zhang Unit Coordinator
q.zhang@cqu.edu.au

Schedule

Week 1 - 10 Mar 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 2 - 17 Mar 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 3 - 24 Mar 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight training

Flight Practical

Week 4 - 31 Mar 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 5 - 07 Apr 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Vacation Week - 14 Apr 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 6 - 21 Apr 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 7 - 28 Apr 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 8 - 05 May 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 9 - 12 May 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 10 - 19 May 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 11 - 26 May 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Week 12 - 02 Jun 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Review/Exam Week - 09 Jun 2025

Module/Topic

Chapter

Events and Submissions/Topic

Exam Week - 16 Jun 2025

Module/Topic

Chapter

Events and Submissions/Topic

Flight Training

Flight Practical

Assessment Tasks

1 Flight Skills Competency

Assessment Type

Practical Assessment

Task Description

Your flight training provider will assess your technical aircraft operational skills on an ongoing basis throughout the unit.

Assessment Due Date

Submission is through ongoing practical demonstration with your flight training provider.

Return Date to Students

Your flight training provider will supply this mark to CQU.

Weighting

Pass/Fail

Assessment Criteria

No Assessment Criteria

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

No submission method provided.

Learning Outcomes Assessed

- Develop a sophisticated flight plan for an extended remote area multi-destination commercial navigation exercise
- Pilot an aeroplane solo on extended remote area multi-destination commercial navigation exercises
- Synthesise aviation theory and flight practice relevant to multi-destination commercial navigation
- Communicate clearly and coherently with aviation staff.

2 Reflective Assignment

Assessment Type

Reflective Practice Assignment

Task Description

In this assignment, you will provide short-answer responses to questions prompts that will require you to:

Critically reflect on your skills development, including identifying your strengths and weaknesses throughout the flight training process.

Apply your theory knowledge of the skills you developed in this unit to critically analyze flight scenarios.

Assessment Due Date

See Moodle page

Return Date to Students

Weighting

Pass/Fail

Assessment Criteria

You will be assessed on the quality of your reflections and the accuracy of your analysis of the given scenarios. This content is assessed as satisfactory or unsatisfactory (Pass/Fail).

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Analyse and reflect critically on your long distance multi-destination remote area navigation training
- Synthesise aviation theory and flight practice relevant to multi-destination commercial navigation
- Communicate clearly and coherently with aviation staff.

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem