



AVAT13018 Advanced Aeronautical Flight Practice 2

Term 1 - 2023

Profile information current as at 20/05/2024 07:21 pm

All details in this unit profile for AVAT13018 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 Flight Practice 2 provides you with the general handling and navigation training for the Command Instrument Rating. Your flight training will be conducted by an approved external flight training provider. You will accumulate the aeronautical experience required for the Multi Engine Endorsement and Multi Engine Command Instrument Rating, both in a simulator and a light aircraft. You will have the opportunity to identify meteorological conditions that require instrument navigation. You will also further develop your critical reflection and self-analysis skills enabling you to improve your instrument flight rules and procedures operating skills. During this unit you will keep a reflective journal which will assist you to present a critical analysis of your experience at the end of the unit. After completing this unit you should meet the requirements for the issue of a Multi Engine Command Instrument Rating.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 12

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.25

Pre-requisites or Co-requisites

Prerequisite: AVAT13017 Advanced Aeronautical Flight Practice 1

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 - 2023

- Cairns

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 12-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 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. **Practical Assessment**

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 an Instrument Flight Rules flight plan for a multi-destination commercial navigation exercise
2. Conduct instrument tracking and instrument approaches on a simulator and in a light aircraft
3. Identify meteorological conditions requiring instrument navigation
4. Analyse and reflect critically on your Instrument Flight Rules training
5. Communicate clearly and coherently with aviation staff.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

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

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication	•	•			•
2 - Problem Solving	•	•	•	•	
3 - Critical Thinking	•	•	•	•	
4 - Information Literacy	•	•	•	•	
5 - Team Work					•
6 - Information Technology Competence	•	•	•		
7 - Cross Cultural Competence		•			
8 - Ethical practice	•	•	•	•	
9 - Social Innovation					
10 - Aboriginal and Torres Strait Islander Cultures					

Alignment of Assessment Tasks to Graduate Attributes

[illegible]

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

Arno Mueckenhausen Unit Coordinator
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Schedule

Week 1 - 06 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Flight training		Flight Practical

Week 2 - 13 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical

Week 3 - 20 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical

Week 4 - 27 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical

Week 5 - 03 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical

Vacation Week - 10 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical

Week 6 - 17 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical

Week 7 - 24 Apr 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical
Week 8 - 01 May 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical
Week 9 - 08 May 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical
Week 10 - 15 May 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical
Week 11 - 22 May 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical
Week 12 - 29 May 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical
Review/Exam Week - 05 Jun 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical
Exam Week - 12 Jun 2023		
Module/Topic	Chapter	Events and Submissions/Topic
Flight Training		Flight Practical

Assessment Tasks

1 Multi Engine Command Instrument Rating Flight Test

Assessment Type

Practical Assessment

Task Description

You will perform a flight test on a multi engine aeroplane in simulated Instrument Meteorological Conditions.

Assessment Due Date

To be completed in the Exam Week

Return Date to Students

Result will be advised after the Flight Test

Weighting

Pass/Fail

Minimum mark or grade

50%

Assessment Criteria

The Assessment criteria is outlined in the Civil Aviation Safety Authority Test Form

Referencing Style

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

Submission

No submission method provided.

Learning Outcomes Assessed

- Develop an Instrument Flight Rules flight plan for a multi-destination commercial navigation exercise
- Conduct instrument tracking and instrument approaches on a simulator and in a light aircraft
- Communicate clearly and coherently with aviation staff.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Critical analysis of a topic regarding a flight training session. Presentation and Paper

Assessment Type

Practical Assessment

Task Description

This assessment involves a paper on the critical analysis and reflection in relation to a topic/occasion to one of your flight lessons.

The paper and PowerPoint presentation must be uploaded through turn it in on the Moodle site.

Assessment Due Date

See Moodle Page

Return Date to Students

Assessment will be returned at the end of the presentation

Weighting

Pass/Fail

Minimum mark or grade

50%

Assessment Criteria

The assessment criteria will be in the form of a marking rubric for the presentation and a template and assessment criteria for the paper. These will be available on the Moodle site.

Referencing Style

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

Submission

Online

Submission Instructions

Turn it in

Learning Outcomes Assessed

- Develop an Instrument Flight Rules flight plan for a multi-destination commercial navigation exercise
- Conduct instrument tracking and instrument approaches on a simulator and in a light aircraft
- Identify meteorological conditions requiring instrument navigation
- Analyse and reflect critically on your Instrument Flight Rules training
- Communicate clearly and coherently with aviation staff.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

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