AVAT20002 *Aeronautical Practice 2*
Term 1 - 2022

Profile information current as at 19/04/2024 11:51 am

All details in this unit profile for AVAT20002 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 Aeronautical Practice 2 you will receive basic navigation flight training and basic instrument flight training. The flight training will be delivered by an approved external flight training provider. This unit will require you to synthesise the theory you have learnt in earlier study with flight practice while engaging in up to 30 hours of cross country navigation experience in a small general aviation aeroplane. Before departure, you will develop a flight plan for your cross country exercise. You will practise flight navigation techniques which will allow you to fly solo on cross country navigation exercises. Upon the completion of your training flights, you will analyse and reflect on your navigation to improve your skills. You will also develop communication, analytical and presentation skills to review your flight training. You will be required to attend residential school 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: AVAT20001 Aeronautical 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 - 2022

- 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).

Residential Schools
This unit has a Compulsory Residential School for distance mode students and the details are:
Click here to see your Residential School Timetable.

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. **Presentation**
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.

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 UC observation

Feedback
Collaboration with the Academic Learning Centre regarding assignment and presentation standards has improved standards.

Recommendation
Collaboration is and will be further enhanced.

Feedback from UC observation

Feedback
Ongoing Covid-19 related flight training delays.

Recommendation
It is expected that during 2022 the delays will be eliminated.

Unit Learning Outcomes

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

1. Pilot an aeroplane solo under supervision on a navigation exercise
2. Perform basic instrument flight navigation tracking
3. Analyse and reflect critically on your navigation flight training
4. Synthesise navigation theory and flight practice
5. Develop a flight plan for a cross country exercise.

N/A

Alignment of Learning Outcomes, Assessment and Graduate Attributes

N/A Level | Introductory Level | Intermediate Level | Graduate Level | Professional Level | Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Practical Assessment - 0%	•	•			•
2 - Presentation - 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 - Aboriginal and Torres Strait Islander Cultures					

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes							
	1	2	3	4	5	6	7	8
1 - Practical Assessment - 0%	◦	◦	◦		◦	◦		
2 - Presentation - 0%	◦	◦	◦	◦	◦	◦		

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

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Schedule

Week 1 - 07 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
Pre flight preparation		Lecture to discuss preparation for flight training by flight provider.

Week 2 - 14 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
In flight navigation lecture		Lectures to be delivered by individual flight providers.

Week 3 - 21 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
Decide on your Flight Provider		Advise the administration staff of your flight provider

Week 4 - 28 Mar 2022

Module/Topic	Chapter	Events and Submissions/Topic
Solo Revision		Flight Provider

Week 5 - 04 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
Recreational Pilot Licence Test		Flight provider

Vacation Week - 11 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic

Introduction to Flight Provider specific Navigation Exercises		Mass briefing at flight provider

Week 6 - 18 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
Navigation Exercises		Flight practicals

Week 7 - 25 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
Navigation Exercises		Flight practicals

Week 8 - 02 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
Solo Navigation Exercises		Flight practicals

Week 9 - 09 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
ADF/VOR GNS Tracking		Flight practicals

Week 10 - 16 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
Solo Navigation Exercise		Flight practicals

Week 11 - 23 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
Revision Navigation Exercise		Flight practicals

Week 12 - 30 May 2022

Module/Topic	Chapter	Events and Submissions/Topic
Residential School Cairns		Presentations

Review/Exam Week - 06 Jun 2022

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 13 Jun 2022

Module/Topic	Chapter	Events and Submissions/Topic
Final paper		Paper Submission

Assessment Tasks

1 Practical Flight Examination

Assessment Type
Practical Assessment

Task Description
Assessment of flight ability at the end of the flight unit

Assessment Due Date

Return Date to Students

Weighting
Pass/Fail

Minimum mark or grade
50%

Assessment Criteria
No Assessment Criteria

Referencing Style

- American Psychological Association 7th Edition (APA 7th edition)

Submission
No submission method provided.

Learning Outcomes Assessed

- Pilot an aeroplane solo under supervision on a navigation exercise
- Perform basic instrument flight navigation tracking
- Develop a flight plan for a cross country exercise.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Self-management
- Ethical and Professional Responsibility

2 Critical analysis paper and presentation of a topic regarding a flight lesson.

Assessment Type
Presentation

Task Description
Workshop, presentation to the class and final paper discussing a critical analysis of a topic of a particular flight lesson undertaken in the unit.
This assessment involves a paper on the critical analysis and reflection of one of your flight lessons in the unit. The paper and PowerPoint presentation will need to be uploaded through turn it in on the Moodle site.

Assessment Due Date

Turn it in

Return Date to Students

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

Learning Outcomes Assessed

- Analyse and reflect critically on your navigation flight training
- Synthesise navigation theory and flight practice

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility

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