



AVAT20004 Aeronautical Practice 4

Term 1 - 2020

Profile information current as at 12/05/2024 12:10 am

All details in this unit profile for AVAT20004 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

Aeronautical Practice 4 introduces you to general handling and navigation training required for the Commercial Pilot Licence. Your flight training will be conducted by an approved external flight training provider. You will interpret navigation data, enabling you to pilot an aeroplane under supervision on extended commercial navigation exercises. The unit will develop your critical reflection and self analysis skills to enable you to operate as a pilot in commercial aviation. During the unit you will keep a reflective journal which will assist you to present a critical analysis of your training at the end of the unit. You will also develop your self-management and self-discipline skills to 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: AVAT20003 Aeronautical Practice 3

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 - 2020

- Bundaberg
- Cairns
- Mixed Mode
- Perth

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](#).

Unit Learning Outcomes

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

1. Pilot an aeroplane solo under supervision on extended commercial navigation exercises
2. Analyse and reflect critically on your introduction to commercial operations flight training
3. Develop self-management and self-discipline skills
4. Communicate effectively with aviation staff
5. Interpret navigation and meteorological data to plan flights

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 - 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

AVAT20004

Prescribed

Basic Aeronautical Knowledge for the RPL

Fourth Edition (2018)

Authors: David Robson

Aviation Flight Centre

ISBN: ISBN Printed 978-1-875537-24-2

Binding: Hardcover

Additional Textbook Information

Copies can be purchased at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

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 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Arno Mueckenhausen Unit Coordinator

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Schedule

Week 1 - 09 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Review of navigation and flight planning		

Week 2 - 16 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Review of navigation and flight planning		

Week 3 - 23 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
Visit to Flight Provider		

Week 4 - 30 Mar 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 5 - 06 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Vacation Week - 13 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 6 - 20 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 7 - 27 Apr 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 8 - 04 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 9 - 11 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 10 - 18 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 11 - 25 May 2020

Module/Topic	Chapter	Events and Submissions/Topic
CPL Navigation and General Handling		

Week 12 - 01 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
Residential School at Cairns Campus		

Review/Exam Week - 08 Jun 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 15 Jun 2020

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

Assessment Tasks

1 Critical Review of Flight Lesson Presentation and Paper

Assessment Type

Practical Assessment

Task Description

Presentation and paper on a critical review of a flight lesson.

Assessment Due Date**Return Date to Students****Weighting**

Pass/Fail

Assessment Criteria

No Assessment Criteria

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Pilot an aeroplane solo under supervision on extended commercial navigation exercises
- Develop self-management and self-discipline skills
- Communicate effectively with aviation staff
- Interpret navigation and meteorological data to plan flights

Graduate Attributes

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

2 Practical Flight Examination

Assessment Type

Presentation

Task Description

Practical flight examination at the end of the unit

Assessment Due Date**Return Date to Students****Weighting**

Pass/Fail

Assessment Criteria

No Assessment Criteria

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

No submission method provided.

Learning Outcomes Assessed

- Analyse and reflect critically on your introduction to commercial operations flight training
- Communicate effectively with aviation staff

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