AVAT13007 *Flight Training Advanced*
Term 2 - 2017

Profile information current as at 17/05/2024 09:31 pm

All details in this unit profile for AVAT13007 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
This unit is the practical flying component that teaches students the advanced level of Recreational/General aviation flying through a Recreation Aviation Australia or General Aviation Flight School. Students will fly up to 20 hours learning to Aviate, Navigate, and Communicate while in a Recreational or General Aviation Aircraft under the supervision of an instructor and RA-AUS or General Aviation flight school. This unit intends to give the aviation student advanced training in powered flight and the opportunity to integrate theory with application. A Pilot Certificate or endorsement may be awarded from this unit depending on the students flying experience and costs associated with the training. This unit is designed to give the student an introduction to flying or advanced training to a qualified pilot.

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
Prerequisites of AVAT11001, AVAT12002 and AVAT12003.
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 2 - 2017

- Bundaberg
- Distance

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: 10%
2. **Practical Assessment**
Weighting: 10%
3. **Practical Assessment**
Weighting: 10%
4. **Practical Assessment**
Weighting: 10%
5. **Practical Assessment**
Weighting: 30%
6. **Written Assessment**
Weighting: 30%

Assessment Grading
This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the University's Grades and Results Policy for more details of interim results and final grades.

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 Have Your Say

Feedback

Flight school approval process needs to be streamlined

Recommendation

Assign personnel to manage the approval process

Unit Learning Outcomes

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

1. Operate, assess, and evaluate performance piloting a recreation or general aviation aircraft in different phases of flight in a genearal aviation or recreation aviation syllabus training program.
2. Manage flight controls, effectors, and gauges required for the normal operation of an aircraft. Integrate theory to identify normal ranges of performance.
3. Apply aviation theory and navigation skills in a range of flying situations, to include circuits, stall practice, navigation, emergency landing practise, and other emergency procedures in a recreational or general aviation aircraft.
4. Determine and create an appropriate flight plan for an advanced level flight (navigation, tail wheel, etc.) considering theory, knowledge, resources and environmental factors.
5. Review analyse and implement emergency procedures, appropriate actions and equipment needed in the safe operation of an advanced stage of flight.

The learning outcomes are matched to the Civil Aviation Safety Authority (CASA) syllabus. The successful completion of flying in this unit may result in the student obtaining a pilot license. This external accreditation will depend on the student's current flight experience and their progress during the flight training. The external accreditation is through CASA and the student must meet the requirements set by the flying syllabus.

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 - 10%	●	●	●	●	
2 - Written Assessment - 30%					●

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

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Practical Assessment - 10%	•	•	•							
2 - Practical Assessment - 10%	•	•	•							
3 - Practical Assessment - 10%	•	•	•	•						
4 - Practical Assessment - 10%	•	•	•							
5 - Practical Assessment - 30%	•	•	•	•				•		
6 - Written Assessment - 30%	•	•	•	•	•	•		•		

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: [Harvard (author-date)](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Ron Bishop Unit Coordinator
r.bishop@cqu.edu.au

Schedule

Week 1 - 10 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Submit quotes for flight training to your preffered flight school.		

Week 2 - 17 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Submit paperwork to CQUniversity to Gina at g.jing@cqu.edu.au		

Week 3 - 24 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Receive approval to fly. Do not fly before census date.	BAK, Navigation, Human Factors, and related text.	

Week 4 - 31 Jul 2017

Module/Topic	Chapter	Events and Submissions/Topic
Flying per CASA day VFR Syllabus at an approved school		

Week 5 - 07 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Circuits		**Practical Assessment** Due: Week 5 Tuesday (8 Aug 2017) 9:00 am AEST

Vacation Week - 14 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Flight training per students requirements and goals.		

Week 6 - 21 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Flight training		

Week 7 - 28 Aug 2017

Module/Topic	Chapter	Events and Submissions/Topic
Flying		

Week 8 - 04 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Flying		

Week 9 - 11 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic

Flying

Week 10 - 18 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Flying		

Week 11 - 25 Sep 2017

Module/Topic	Chapter	Events and Submissions/Topic
Flying		

Week 12 - 02 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic
Written assignment		**Practical Assessment** Due: Week 12 Monday (2 Oct 2017) 9:00 am AEST **Practical Assessment** Due: Week 12 Monday (2 Oct 2017) 9:00 am AEST **Practical Assessment** Due: Week 12 Monday (2 Oct 2017) 9:00 am AEST **Practical Assessment** Due: Week 12 Monday (2 Oct 2017) 9:00 am AEST **Written Assessment** Due: Week 12 Monday (2 Oct 2017) 9:00 am AEST

Review/Exam Week - 09 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic

Exam Week - 16 Oct 2017

Module/Topic	Chapter	Events and Submissions/Topic

Term Specific Information

There are no books required for this unit although it may be helpful to have access to the books from AVAT 11001, Basic Aeronautical Knowledge (BAK) and the Inflight Guide. A copy of the Pilot Operating Handbook (POH) for the aircraft you will be flying (contact your flight school for make and type) would be useful. Most POHs can be downloaded from the internet for free or contact your flight school for a copy.

Assessment Tasks

1 Practical Assessment

Assessment Type
Practical Assessment

Task Description
Practical assessment is done through the flight instructor. The flight instructor will send flight training progress of student to CQUniversity through the Unit Coordinator, Ron Bishop @ r.bishop@cqu.edu.au

Assessment Due Date
Week 5 Tuesday (8 Aug 2017) 9:00 am AEST
As per flight trainng requriements, weather, etc.

Return Date to Students
Monday (21 Aug 2017)
No return. Flight instructor will debrief performance.

Weighting
10%

Assessment Criteria
Successfully complete flight training syllabus requirements satisfactorily.

Referencing Style

- [Harvard (author-date)](#)

Submission
Offline

Submission Instructions
Flight schools/Student must submit training progress report by end of week 12

Learning Outcomes Assessed

- Operate, assess, and evaluate performance piloting a recreation or general aviation aircraft in different phases of flight in a genearal aviation or recreation aviation syllabus training program.
- Manage flight controls, effectors, and gauges required for the normal operation of an aircraft. Integrate theory to identify normal ranges of performance.
- Apply aviation theory and navigation skills in a range of flying situations, to include circuits, stall practice, navigation, emergency landing practise, and other emergency procedures in a recreational or general aviation aircraft.
- Determine and create an appropriate flight plan for an advanced level flight (navigation, tail wheel, etc.) considering theory, knowledge, resources and environmental factors.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

2 Practical Assessment

Assessment Type
Practical Assessment

Task Description
Same as assessment one and same procedures.

Assessment Due Date
Week 12 Monday (2 Oct 2017) 9:00 am AEST
As per flight trainng requriements, weather, etc.

Return Date to Students
Week 12 Tuesday (3 Oct 2017)
No return. Flight instructor will debrief performance.

Weighting
10%

Assessment Criteria
As per flight training syllabus.

Referencing Style

- [Harvard (author-date)](#)

Submission
Offline

Submission Instructions
Flight schools/Student must submit training progress report by end of week 12

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

3 Practical Assessment

Assessment Type
Practical Assessment

Task Description
See assessment 1

Assessment Due Date
Week 12 Monday (2 Oct 2017) 9:00 am AEST
All flying (20 hours) must be completed by the end of week 12. Extensions may be submitted for weather, maintenance, etc.

Return Date to Students
Week 12 Tuesday (3 Oct 2017)
No return. Flight instructor will debrief performance.

Weighting
10%

Assessment Criteria
As per flight training syllabus and subsequent standard of required flight skills.

Referencing Style

- [Harvard (author-date)](#)

Submission
Offline

Submission Instructions
Flight schools/Student must submit training progress report by end of week 12

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy

4 Practical Assessment

Assessment Type
Practical Assessment

Task Description
No Assessment Task Description

Assessment Due Date
Week 12 Monday (2 Oct 2017) 9:00 am AEST
All flying (20 hours) must be completed by the end of week 12. Extensions may be submitted for weather, maintenance, etc.

Return Date to Students
Week 12 Tuesday (3 Oct 2017)
No return. Flight instructor will debrief performance.

Weighting
10%

Assessment Criteria
See assessment 1.

Referencing Style

- [Harvard (author-date)](#)

Submission
Offline

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

5 Practical Assessment

Assessment Type
Practical Assessment

Task Description
See assessment 1

Assessment Due Date
Week 12 Monday (2 Oct 2017) 9:00 am AEST
All flying (20 hours) must be completed by the end of week 12. Extensions may be submitted for weather, maintenance, etc.

Return Date to Students
Week 12 Tuesday (3 Oct 2017)
No return. Flight instructor will debrief performance.

Weighting
30%

Assessment Criteria
As per flight training syllabus and subsequent standard of required flight skills.

Referencing Style

- Harvard (author-date)

Submission
Offline

Submission Instructions
Flight schools/Student must submit training progress report by end of week 12

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Ethical practice

6 Written Assessment

Assessment Type
Written Assessment

Task Description
For each flight training session, have the flight instructor give you the instructor's notes from your training folder. Compile these comments from the instructor. Reflect on your training, progress, and growth by writing 1000 words. Reflect on any issue areas you had during the training and positive feedback from your instructor. Reflect on the impact of the training on your experience levels and any growth experienced. Referencing is required in the Harvard Style. See Moodle for more information and due dates.

Assessment Due Date
Week 12 Monday (2 Oct 2017) 9:00 am AEST
Submit through Moodle

Return Date to Students
Review/Exam Week Friday (13 Oct 2017)
Return may be up to two weeks after submission.

Weighting
30%

Assessment Criteria
Assessment will cover reflection of the training comments from the instructor. Students will be graded on having a proper introduction, body, and conclusion/summary. Punctuation, structure, and any referencing will be assessed. Grading criteria sheet should be provided in Moodle and by your lecturer.

Referencing Style

- Harvard (author-date)

Submission
Online

Learning Outcomes Assessed

- Review analyse and implement emergency procedures, appropriate actions and equipment needed in the safe operation of an advanced stage of flight.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology 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