AVAT13013 *Multi Crew Cooperation*

Term 1 - 2023

Profile information current as at 12/10/2024 01:24 pm

All details in this unit profile for AVAT13013 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 Multi Crew Cooperation you will learn how to operate as part of a small team and how to lead a flight crew as pilot-in-command or co-pilot on a modern-day flight deck. You will develop the skills and behaviours required to plan, direct and control all aspects of a multi-crew flight. Good and poor multi-crew cooperation will be evaluated and contrasted. You will also evaluate flight deck environmental elements and events. There are two practical assessments during the MCC training to assess student progress during the training and one Self Assessment at the end of the term.

Details

Career Level: *Undergraduate*
Unit Level: *Level 3*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Prerequisites: Completion of all the following CL09 units relating to the CASA CPL Theory Exams. -AVAT11006 Aviation Law- AVAT12006 Aerodynamics (Commercial Pilot Licence)- AVAT12008 Meteorology (Commercial Pilot Licence)- AVAT12009 Navigation (Commercial Pilot Licence)- AVAT12011 Aviation Human Factors (Commercial Pilot Licence)- AVAT12010 Flight Planning, Performance, and Loading (Commercial Pilot Licence)
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
- Mixed Mode
- Online

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 Undergraduate 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: 35%
2. **Practical Assessment**
Weighting: 50%
3. **Reflective Practice Assignment**
Weighting: 15%

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 UC Observation

Feedback

Intensive use of SIM over prolonged periods may not be technically sustainable.

Recommendation

Redistribute SIM training sessions over two terms of the Academic year.

Unit Learning Outcomes

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

1. Plan, direct and control all aspects of a multi-crew flight as pilot in command, or co-pilot
2. Lead and command in a multi-crew situation
3. Evaluate environmental elements and events
4. Evaluate critically crew resource management issues
5. Contrast good and poor multi-crew cooperation scenarios.

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 - 35%	•	•	•		
2 - Practical Assessment - 50%	•		•	•	•
3 - Reflective Practice Assignment - 15%			•	•	•

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					

Textbooks and Resources

Textbooks

There are no required textbooks.

Additional Textbook Information
Students will be provided Training material as part of Aviation Australia's Pre-course study material.

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

Doug Drury Unit Coordinator
d.drury@cqu.edu.au

Schedule

Week 1 - 06 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Human Factors - Day 1 MCC Theory		Lecture and Tutorial

Week 2 - 13 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Human Factors - Day 2 MCC Theory		Lecture and Tutorial

Week 3 - 20 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - First Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 4 - 27 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Second Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 5 - 03 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Third Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Vacation Week - 10 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Fourth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 6 - 17 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Fifth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 7 - 24 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Sixth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 8 - 01 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Seventh Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 9 - 08 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Eighth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 10 - 15 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Ninth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 11 - 22 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Tenth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 12 - 29 May 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Eleventh Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Review/Exam Week - 05 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Twelfth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Exam Week - 12 Jun 2023

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Thirteenth Batch of Four Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Assessment Tasks

No Assessment Title

Assessment Type
Practical Assessment

Task Description
No Assessment Task Description

Assessment Due Date

Return Date to Students

Weighting
35%

Assessment Criteria
No Assessment Criteria

Referencing Style

- Harvard (author-date)

Submission
No submission method provided.

assessmentOutcome

- Plan, direct and control all aspects of a multi-crew flight as pilot in command, or co-pilot
- Lead and command in a multi-crew situation
- Evaluate environmental elements and events

assessmentGradAttribute

No Assessment Title

Assessment Type
Practical Assessment

Task Description
No Assessment Task Description

Assessment Due Date

Return Date to Students

Weighting
50%

Assessment Criteria
No Assessment Criteria

Referencing Style

- Harvard (author-date)

Submission
No submission method provided.

assessmentOutcome

- Plan, direct and control all aspects of a multi-crew flight as pilot in command, or co-pilot
- Evaluate environmental elements and events
- Evaluate critically crew resource management issues
- Contrast good and poor multi-crew cooperation scenarios.

assessmentGradAttribute

No Assessment Title

Assessment Type
Reflective Practice Assignment

Task Description
No Assessment Task Description

Assessment Due Date

Return Date to Students

Weighting
15%

Assessment Criteria
No Assessment Criteria

Referencing Style

- Harvard (author-date)

Submission
No submission method provided.

assessmentOutcome

- Evaluate environmental elements and events
- Evaluate critically crew resource management issues
- Contrast good and poor multi-crew cooperation scenarios.

assessmentGradAttribute

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