



AVAT13013 Multi Crew Cooperation

Term 1 - 2024

Profile information current as at 09/05/2024 07:14 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 - 2024

- Cairns
- 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 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 Student Unit Evaluation

Feedback

There were no responses from students

Recommendation

Encourage students to provide feedback on unit.

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
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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.

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

Andy Bell Unit Coordinator
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Steve Leib Unit Coordinator
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Schedule

Week 1 - 04 Mar 2024

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

Week 2 - 11 Mar 2024

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

Week 3 - 18 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - First Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 4 - 25 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Second Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 5 - 01 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Third Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Vacation Week - 08 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Fourth Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 6 - 15 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Fifth Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 7 - 22 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Sixth Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 8 - 29 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Seventh Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 9 - 06 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Eighth Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 10 - 13 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Ninth Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 11 - 20 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Tenth Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Week 12 - 27 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Eleventh Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus
		Written Assessment 3 Due: Week 12 Friday (31 May 2024) 11:59 pm AEST

Review/Exam Week - 03 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Exam Week - 10 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
MCC Simulator Training - Thirteenth Batch of 2 Students		Briefing, Flight sessions and Assessment in CQU Simulator, Aviation Centre, Cairns Campus

Term Specific Information

Prior to your completion of the MCC training in this unit, you must review the two Pre-MCC lectures posted to Moodle. You must also nominate which week you wish to undertake the practical simulation through the relevant Moodle portal.

Assessment Tasks

1 Aviation Australia Assessment 1

Assessment Type

Practical Assessment

Task Description

This is a pre-simulator written assessment that requires students to describe the multi-crew aspects of an aviation accident.

Assessment Due Date

This assignment must be submitted to Aviation Australia and uploaded to the relevant Moodle portal 14 days prior to your scheduled simulator week.

Return Date to Students**Weighting**

35%

Assessment Criteria

This assignment will be assessed by CQU for academic integrity / plagiarism review, and the content will be assessed by Aviation Australia.

Referencing Style

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

Submission

Offline Online

Submission Instructions

This assessment must be submitted to Aviation Australia as well as through the relevant portal in Moodle.

Learning Outcomes Assessed

- 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

2 Practical Assessment 2

Assessment Type

Practical Assessment

Task Description

This is the practical assessment in the 737 simulator to measure understanding of the MCC learning outcomes.

Assessment Due Date

Assessed during your week in the simulator

Return Date to Students**Weighting**

50%

Assessment Criteria

Your performance in the simulator will be measured against CASA competencies that must be demonstrated for the issuance of an MCC certificate.

Referencing Style

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

Submission

Offline

Submission Instructions

In-person during your week in the simulator

Learning Outcomes Assessed

- 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.

3 Written Assessment 3

Assessment Type

Reflective Practice Assignment

Task Description

Reflective journal on the student learning experience in relation to the Human Factors development from working in a team environment relevant to the MCC learning outcomes.

Assessment Due Date

Week 12 Friday (31 May 2024) 11:59 pm AEST

Return Date to Students

Weighting

15%

Assessment Criteria

Your reflective journal will be evaluated based on the depth of your discussion about your learning experience and the extent to which you are able to identify relevant Human Factors considerations.

Referencing Style

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

Submission

Online

Submission Instructions

Submit via the relevant Moodle portal

Learning Outcomes Assessed

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

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