AVAT13013 *Multi Crew Cooperation*
Term 2 - 2019

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.

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: AVAT13011 Aviation Human Factors (Air Transport Pilot Licence) and AVAT11006 Aviation Law
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 - 2019

- 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: 50%
2. **Presentation**
Weighting: 50%

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.

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 - 50%	●	●	●		
2 - Presentation - 50%	●		●	●	●

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 - 50%	●	●	●	●	●	●		●		
2 - Presentation - 50%	●	●	●	●	●	●	●	●		

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

John Blair Unit Coordinator
j.blair@cqu.edu.au

Schedule

Week 1 - 15 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Review Human Factors (1)		Lecture and Tutorial

Week 2 - 22 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Review Human Factors (2)		Lecture and Tutorial

Week 3 - 29 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Review Threat & Error Management (TEM) Situational Awareness		Lecture and Tutorial

Week 4 - 05 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Communication, Briefing Technique		Lecture and Tutorial

Week 5 - 12 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Decision Making, Problem Solving, Crew Management		Lecture and Tutorial

Vacation Week - 19 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Vacation Week		

Week 6 - 26 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic

Aircraft Introoduction		Briefing, Simulator

Week 7 - 02 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Aircraft Operation		Briefing, Simulator

Week 8 - 09 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Loft 1		Simulator

Week 9 - 16 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Loft 2		Simulator **Written Assignment** Due: Week 9 Monday (16 Sept 2019) 11:45 pm AEST

Week 10 - 23 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Loft 3		Simulator **LOFT exercise.** Due: Week 10 Monday (23 Sept 2019) 9:00 am AEST

Week 11 - 30 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Loft 4		Simulator

Week 12 - 07 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
Loft Assessment		Simulator

Review/Exam Week - 14 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
Review		Lecture

Exam Week - 21 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
Examination		

Term Specific Information

Lecturor/Instructor:
John Blair contacts:
Email j.blair@cqu.edu.au
Tel: 0740374752:

Assessment Tasks

1 Written Assignment

Assessment Type
Practical Assessment

Task Description
See Moodle for Specific Exercise.

This assignment is designed to assist retention of material provided during the first nine weeks of Mult-

crew

Cooperatoin in commercial aircraft..

Additionally, students will be required to research and report issues relating to the crew responsibilities in contemporary commercial aircraft operations. Specifically, elements of crew resource management, inter-crew communications, situational awareness and control and commands should be critically analysed to ensure safe and efficient operation of commercial aircraft.

Your assessment document must be produced in electronic form (either as (a) a single page word-processed document, (b) single page Publisher document saved in a PDF format, or (c) as a single Power-point slide saved in a PDF format) and should be submitted through the assessment link in Moodle, by uploading your file following the on-screen instructions. Note: that all submissions are processed through the similarity detection software (called Turnitin), hence the requirement to submit the Publisher or Power-point documents as PDF files. You must ensure that all of the work is your own, in line with the University Policy requirements.

Assessment Due Date
Week 9 Monday (16 Sept 2019) 11:45 pm AEST

Return Date to Students
Week 11 Friday (4 Oct 2019)

Weighting
50%

Minimum mark or grade
50%

Assessment Criteria
Assessment Criteria

High distinction standard
* the answer is very well written and clearly expressed
* there is a demonstrated appreciation and understanding of the issues involved
* the answer is well structured and logically organised
* demonstrated mastery of referencing system
* there is evidence of a comprehensive analysis of the issues
* conclusions are backed by well-reasoned arguments demonstrating a detailed insight and analysis of issues
* comprehensive coverage of all relevant issues
Distinction standard
* the answer is well written and expressed
* the answer is structured and logical
* the issues have been reasonably well identified and appreciated
* there is correct use of referencing
* issues have been analysed
** there is a comprehensive coverage of the issues
Credit standard
*the answer is generally well written and expressed
* the answer is structured and sequential
* referencing is satisfactory
* issues are identified and addressed
* there has been an attempt to analyse some of the issues
* the coverage of issues is reasonably comprehensive often with a good treatment and analysis of particular points
* depth of treatment is often lacking in some of the issues.

Pass standard
* the answer is able to be followed and understood
* the answer could perhaps be better organised and structured
* the referencing may need improvement
* issues may need to be identified and addressed in more depth
* analysis when present may be incorrect
* sometimes the conclusions reached are simple
* there may be quantities of material of marginal relevance included in the answer.
Fail standard
* the answer may be significantly short of the required length
* the written expression is poor and difficult to understand
* the answer is poorly organised
* there has been a failure to identify and address the issues in the question
* referencing is generally inadequate
* the reasoning and application demonstrated is poor
* frequently there is much irrelevant material.

Referencing Style

- Harvard (author-date)

Submission
Online

Submission Instructions
Your assessment document must be produced in electronic form (either as (a) a single page word processed document, (b) a single page Publisher document saved in a PDF format, or (c) a single Power Point slide saved in a PDF format) and should be submitted through the assessment link in Moodle, by uploading your file following the on-screen instructions. Note: all submissions are processed through the similarity dectection sofetware (called Turitin) hence, the requirement to submit the Publisher or Power Point documents as PDF files.

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

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Ethical practice

2 LOFT exercise.

Assessment Type
Presentation

Task Description
You wil be required to demonstrate in the simulator the attributes acquired during the previous LOFT exerciseds in relaiton to multi-crew co-operation.

Assessment Due Date
Week 10 Monday (23 Sept 2019) 9:00 am AEST

Return Date to Students

Weighting
50%

Minimum mark or grade
50%

Assessment Criteria

Student presentation will be assessed on evidence of research and quality of the subject material. Additionally, consideration will be given to the manner and use of language skills utilized by the presenter..

Referencing Style

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

Submission

Offline Online

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.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural 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