AVAT12012 *Instrument Flight Rules and Procedures*
Term 2 - 2024

Profile information current as at 19/05/2024 02:14 am

General Information

Overview
Instrument Flight Rules and Procedures will provide you with the knowledge of instrument flight rules and procedures that are required for the issue of the Command Instrument Rating (CIR). You will cover the aeronautical knowledge requirements of the Civil Aviation Safety Authority's Instrument Rating syllabus. You will study the operational knowledge required of a Command Instrument Rating and the meteorological conditions which categorise Instrument Meteorological Conditions (IMC). You will also study small commercial aircraft Instrument Flight Rules flight planning including the use of space and ground-based instrument systems. You will also learn the principles of performance-based navigation including area navigation and required navigation performance.

Details
Career Level: *Undergraduate*
Unit Level: *Level 2*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites
Prerequisites: AVAT12009 Navigation (Commercial Pilot Licence), AVAT12008 Meteorology (Commercial 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 - 2024
- Cairns
- 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

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 SUTE student comment

Feedback

Recommend the addition of more quizzes (non-graded) during the course of the unit (as opposed to towards the end).

Recommendation

Should incorporate weekly Moodle quizzes to assist students.

Feedback from SUTE Student comment

Feedback

Make the availability of the practice exams instead of providing them towards the end of the term.

Recommendation

Should make practice exams available in week 1 or 2 of the term.

Unit Learning Outcomes

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

1. Describe general operations and procedures related to the Instrument Rating
2. Reflect on procedures for flight under the instrument flight rules
3. Critically evaluate an Instrument Flight Rules flight plan
4. Explain the use of ground and space-based navigation systems
5. Discuss the principle and use of performance-based navigation
6. Reflect on the human factors issues related to Instrument Meteorological Conditions.

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	6
1 - Online Quiz(zes) - 40%	●	●	●	●	●	●
2 - Examination - 60%	●	●	●	●	●	●

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	**2**	**3**	**4**	**5**	**6**
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 - Online Quiz(zes) - 40%	•	•	•	•				•		
2 - Examination - 60%	•	•	•			•				

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 17 June 2024

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.