

**AVIATION STUDIES—Start University Now (SUN) Program****Up to 8 QCE Points**

This course is delivered in partnership with CQUniversity (CQU). This information sheet has been prepared from current information and is correct at the time of publication.



The Start Uni Now (SUN) program provides high school students with the opportunity to study first year University units while in school and gain a head start on their future career. The authentic experience which SUN provides allows students to gain an insight into tertiary level education and assists with their transition to University post high school.

Students who participate in the Aviation Studies Program will study two of CQU's aviation subjects (one in each semester). On successful completion, students will be eligible for direct entry into the Bachelor of Aviation (Flight Operations) and gain credit for those units completed (QCE and pre-requisites also apply).

**Duration** — 6 months (Unit 1: March to June, Unit 2: July to October)

**Fees** — AVAT11002 (Nil fee) AVAT11007 (fee to be advised)

**Delivery Mode** — Blended delivery consisting of online lectures and tutorials, offline personal study and submission of work, compulsory participation in face-to-face workshops (approximately one each term).

**Eligibility**

In order to be eligible for entry into the SUN program, Year 11 & 12 students must meet the following requirements (confirmed via their most recent school report card):

- Receiving a B/High achievement grade average across all subjects;
- Minimum C/Sound Achievement grade for all subjects; and
- Enrolled in a General English subject.

*Note: Enrolment in a General Mathematics subject and/or Physics is recommended but not essential.*

Students shortlisted to participate in the program by SCTTTC must complete an application form for entry to CQUniversity's SUN program. Final approval to participate in the SUN Aviation Studies Program is at the discretion of the University as per their entry guidelines.

**Course Structure**

- **Semester 1 - Basic Aeronautical Knowledge (AVAT11002)**

**QCE Credit Points: 4**

This unit will provide students with basic aeronautical knowledge of small general aviation aircraft. Students will calculate basic take-off and landing performance and weight and balance information. Other factors that affect flying, such as local weather, will be examined. Students will develop knowledge of aerodynamics and aircraft power plants and systems. In this unit students will cover the aeronautical knowledge requirements of the Civil Aviation Safety Authority Syllabus applicable to the Recreational Pilot Licence. This will allow students to sit the Recreational Pilot Licence (Aeroplane) Examination which is a prerequisite for attempting the flight test for the Recreational Pilot Licence.

- **Semester 2 - Flight Planning, Performance and Operation (AVAT11007)**

**QCE Credit Points: 4**

This unit will provide you with the aeronautical knowledge of flight planning, navigation, performance, loading and operations pertaining to small general aviation aircraft. You will calculate basic flight plans and fuel plans. You will also study meteorological, and navigational factors that affect flying, including aerodrome forecasts and area forecasts. You will develop knowledge of planning flights on navigational charts and airspace requirements. You will also study the flight rules and procedures relevant to a Private Pilot. In this unit you will cover the aeronautical knowledge requirements of Schedule 3 of the Civil Aviation Safety Authority's Part 61, Manual of Standards (Aeronautical Knowledge Standards) applicable to the Private Pilot Licence. This will allow you to sit the Private Pilot Licence (Aeroplane) Examination which is a prerequisite for attempting the flight test for the Private Pilot Licence. (Note: AVAT11002 is a pre-requisite for AVAT11007).

**Career Pathways**

The Bachelor of Aviation (Flight Operations) prepares students for a career as a professional airline pilot capable of managing a multi crew environment. In this course you will study the academic and aeronautical knowledge requirements of the Air Transport Pilot Licence and Command Instrument Rating.

**\*Note: This course does not include or require practical light training or light hours.**

Information provided is current at the time of document preparation. Please refer to the CQU SUN website for further information regarding enrolment guidelines - [www.cqu.edu.au/sun](http://www.cqu.edu.au/sun).