In Progress
Please note that this Unit Profile is still in progress. The content below is subject to change.

COIS13034 *Cloud Based Smart Applications Management*
Term 2 - 2027

Profile information current as at 28/11/2026 08:55 am

All details in this unit profile for COIS13034 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
This unit introduces you to devices, technologies, and techniques of emerging technologies such as cloud computing and Internet of Things (IoT), that enable you to deploy and manage smart applications. The fundamentals of cloud computing will be presented including cloud environment and services such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS). A cloud environment will be used to deploy and manage various cloud applications.

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
COIT11222 Programming Fundamentals and COIT11238 Networked Infrastructure Foundations.
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 - 2027
- 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

Information for Class and Assessment Overview has not been released yet.
This information will be available on Monday 17 May 2027

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
- Academic Progression Policy and Procedure
- Student Refund and Credit Balance Policy and Procedure
- 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 feedback

Feedback
Assignment specifications are confusing, lacking clarity, and providing little guidance.

Recommendation
Assessment details will be further refined to ensure the requirements are clearly clarified, guided, and specified.

Feedback from SUTE feedback

Feedback
The unit content should reduce the focus on the Internet of Things over the cloud.

Recommendation
In the next offering, the unit content will be reviewed to ensure that the Internet of Things content balances with the cloud computing knowledge and concepts.

Feedback from SUTE feedback

Feedback
The training content for AWS was passable but the Microsoft Azure training content was extremely basic and did not teach the required skills.

Recommendation
A combination of CQU-developed and AWS/Azure tutorials will be included in the next offering of this unit.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 17 May 2027

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Information for Alignment of Learning Outcomes, Assessment and Graduate Attributes has not been released yet.
This information will be available on Monday 17 May 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 17 May 2027

Academic Integrity Statement

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