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

COIT29228 *Postgraduate ICT Capstone Project*
Term 2 - 2027

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

All details in this unit profile for COIT29228 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 unified capstone unit for the Master of Information Technology and Master of Data Analytics courses is designed to enable you to consolidate and demonstrate the knowledge, technical capabilities, and professional skills developed throughout your studies before transitioning into professional practice. You will undertake an authentic industry, research, or community-based group project that reflects real-world challenges across the Software Development, Artificial Intelligence, Business Data Analytics, and Cyber Security domains, demonstrating your ability to apply disciplinary knowledge in complex, multidisciplinary professional environments. Through critical thinking, innovative analysis, and collaborative problem-solving, you will investigate stakeholder requirements, design and implement appropriate ICT and data-driven solutions, and apply project management principles throughout the project lifecycle. Depending on the project context, you may develop AI-enabled applications, business intelligence and analytics solutions, cyber security risk mitigation strategies, secure enhancements, network administration policies, software applications, or integrated digital platforms. You will produce a range of professional artefacts and technical documentation, including project plans, requirements specifications, analysis and modelling artefacts, software and system designs, implementation outputs, testing and evaluation results, cyber security assessments, and a comprehensive project report that contributes to your professional portfolio and graduate employability. Working collaboratively within multidisciplinary teams, you will engage with diverse stakeholders, participate in technical progress meetings, manage project risks and change processes, evaluate cyber security, ethical, and professional considerations, and communicate project outcomes through written reports, presentations, demonstrations, and reflective activities. The unit emphasises professional practice, teamwork, leadership, self-directed learning, innovation, and industry engagement while preparing you for the collaborative, rapidly evolving nature of contemporary careers in ICT, Artificial Intelligence, Data Analytics, Cyber Security, and Software Development.

Details

Career Level: *Postgraduate*
Unit Level: *Level 9*
Credit Points: *12*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.25*

Pre-requisites or Co-requisites

Prerequisites: COIT29227 ICT Project Preparation and Industry Engagement.
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

- Brisbane
- Melbourne
- Online
- Rockhampton
- Sydney

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.

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.