

In Progress

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



COIT20256 *Object Oriented Development*

Term 1 - 2027

Profile information current as at 09/09/2026 07:55 pm

All details in this unit profile for COIT20256 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 this unit, you will develop the skills to design and develop GUI-based object-oriented applications using a subset of the Java programming language and its libraries. Defensive programming – an integral component of secure programming – will be introduced and practiced. A focus of the unit will be an emphasis on current best practice in Java application development as it applies to processes, environments, design, coding, testing and documentation.

Details

Career Level: *Postgraduate*

Unit Level: *Level 9*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisite: COIT20245 Introduction to Programming

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 1 - 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 11 January 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 Student evaluations, feedback from the teaching team and informal feedback.

Feedback

The new unit materials are well-written and help the students to learn the new content in this unit.

Recommendation

Continue to provide teaching materials and resources of a similar standard.

Feedback from Information from the textbook publisher.

Feedback

A new updated edition of the textbook will be released in March of 2026. It will have significant changes. We will be required to change the textbook for term 2 2026.

Recommendation

When the new textbook is released, the unit will require significant redevelopment to accommodate the change to the new textbook. Material will also need to be updated to include changes to the Java language.

Feedback from Knowledge about new Java releases.

Feedback

A new LTS version of Java (25) has been released, and we need to transition to use the new LTS version in 2026. Other software (e.g. NetBeans) should also be transitioned to more recent, up-to-date versions.

Recommendation

Teaching resources will need to be tested and updated to reflect the changes to the Java language and new versions of software to be used in 2026 .

Feedback from Feedback from students and the teaching team.

Feedback

Program assignments and tutorial exercises were engaging and helped students to understand the concepts being taught.

Recommendation

Continue with similar assessment items that reinforce the concepts being taught in the unit.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 11 January 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 11 January 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 15 February 2027

Academic Integrity Statement

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