COIT20245 *Introduction to Programming*
Term 3 - 2024

Profile information current as at 29/07/2024 05:31 pm

General Information

Overview

In this unit, you will apply computational thinking to develop fundamental algorithms for specified problems and implement them using Python. It is assumed that you have little or no programming experience. You will apply problem-solving techniques such as decomposition and abstraction. You will learn about the parts of a program, including variables, types, control structures and methods. A key aspect of this unit is practical, hands-on development and testing, which you will do in an industry standard Integrated Development Environment (IDE).

Details

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

Pre-requisites or Co-requisites

Anti-requisite: COIT29222 Programming Principles.
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 3 - 2024

- Brisbane
- Melbourne
- Online
- 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 9 September 2024

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 Unit coordinator reflection.

Feedback

Attendance particularly in lectures has been poor.

Recommendation

Possibly automate attendance recording in large lectures. Contact students with poor attendance and identify them as being at risk.

Feedback from Unit coordinator reflection.

Feedback

Academic misconduct has been a problem especially collusion.

Recommendation

Continue to educate students on the consequences of academic misconduct. Possibly employ third party software to detect such breaches. With such a large cohort it would be difficult to individualise the various assessment items.

Feedback from Student feedback.

Feedback

Some students find the unit's advanced level challenging, particularly when Java is used as the primary programming language, which may not align with the interests of all students in future programming pursuits.

Recommendation

Consider introducing Python as the primary teaching tool, as it could provide a more approachable and engaging experience for students navigating the complexities of an introductory unit with advanced content in Java.

Feedback from Student feedback.

Feedback

Students are happy with the teaching staff.

Recommendation

Continue employing experienced and dedicated teaching staff.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 9 September 2024

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 9 September 2024

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 14 October 2024

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.