COIT11238 *Networked Infrastructure Foundations*
Term 3 - 2024

Profile information current as at 29/07/2024 03:30 pm

General Information

Overview

This unit will provide you with the foundation knowledge of computer and network infrastructure that underpins Information and Communication Technologies (ICT) in modern organisations. You will study networking essentials including virtualisation, wireless networks, cloud computing, cyber security, and risk management. By the end of this unit, you will be able to build and manage basic computer networks. You will conduct hands-on practical activities with industrial-grade networking equipment and cyber security tools to enhance the security of built networks.

Details

Career Level: *Undergraduate*
Unit Level: *Level 1*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Anti-requisite: If students have undertaken COIT11233 Information and Communication Technology Foundations, then this unit should not be taken.
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 Discipline Lead and Head of Course feedback

Feedback
At the introductory level, the unit should enhance the cybersecurity content to align with ACS accreditation requirements.

Recommendation
Enhance the introduction of cybersecurity with reference standards and practical exercises linking to core networking infrastructure and applications.

Feedback from Student and the teaching team feedback

Feedback
The virtual machines available on the CyberIoT lab computers for on-campus students, intended for lab exercises starting from Week 03, should undergo pretesting to verify their proper functionality.

Recommendation
Pretest the virtual machines and check the provided network devices in the CyberIoT lab prior to Week 03.

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.