

COMPT1002 - Foundations of Computing

Unit of Study COMP1002 Foundations of Computing (2024)

Future students:
T: 1800 626 481
E: [Email your enquiry here](#)

Current students:
Contact: [Faculty of Science and Engineering](#)

Students studying at an education collaboration:
Please contact your relevant institution

Unit Snapshot

Unit type	UG Coursework Unit
Credit points	12
Faculty & College	Faculty of Science and Engineering
Placement	No

Unit description

Provides an introduction to the IT industry and interactive exposure to personal computers, hardware, and operating systems. Students participate in hands-on activities and virtual lab-based learning to become familiar with various hardware and software components and discover best practices in maintenance and safety.

Unit content

- 1. Hardware
- 2. Networks
- 3. Preventative maintenance and other hardware
- 4. Cloud and printers
- 5. Other operating systems
- 6. Security, safety and ethical issues

1. Hardware

2. Networks

3. Preventative Maintenance and other issues

4. Cloud and Printers

5. Other operating systems

6. Security, safety and ethical issues

Availabilities

Location	Domestic	International
China - Guangxi UST	N/A	Term 2
Gold Coast	Term 2	Term 2
Melbourne	N/A	Term 2
Online	Term 2	N/A
Papua New Guinea - IBSU Port Moresby	N/A	Term 2
Perth	N/A	Term 2
Sydney	N/A	Term 2

Learning outcomes

Unit Learning Outcomes express learning achievement in terms of what a student should know, understand and be able to do on completion of a unit. These outcomes are aligned with the **graduate attributes**. The unit **learning outcomes and graduate attributes** are also the basis of evaluating prior learning.

On completion of this unit, students should be able to:

install and configure hardware, software and networks for computers and mobile devices

analyse and troubleshoot common issues affecting computers, mobile computing, software and other devices

identify security, safety and environmental issues related to information and communication technologies

1. Install and configure hardware, software and networks for computers and mobile devices
2. Analyse and troubleshoot common issues affecting computers, mobile computing, software and other devices
3. Identify security, safety and environmental issues related to Information and Communication Technologies