

INFO 1001 INTRODUCTION TO INFORMATION TECHNOLOGY

Credit Points 10

Legacy Code 300134

Coordinator Jianhua Yang ([https://directory.westernsydney.edu.au/search/name/Jianhua Yang/](https://directory.westernsydney.edu.au/search/name/Jianhua%20Yang/))

Description This introductory subject gives students an insight into the history, structure, operations and uses of computers, and their impact on society. This will be complemented by hands-on use of computers and popular application software packages in a graphical user interface environment. Students gain a basic understanding of the uses of computers, and the skills necessary to use popular applications software, including word processing, spreadsheet and database packages, and Internet tools and services.

School Computer, Data & Math Sciences

Discipline Information Technology, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 1 subject

Equivalent Subjects LGYB 4133 - Introduction to Computers LGYB 9621 - Computer Fundamentals LGYA 9786 - Information Technology

Restrictions

Permission required for students enrolled in 3562 Bachelor of Science (Advanced Science).

Learning Outcomes

On successful completion of this subject, students should be able to:

1. recognise and describe the function(s) of the fundamental components of any computer system
2. demonstrate an understanding of the principles of operation of computer hardware, software, peripheral devices and the integration of these components into computer systems
3. competently use a range of common applications software packages to complete tasks commonly encountered in educational, work and leisure environments
4. effectively utilise electronic networks to communicate
5. demonstrate the ability to successfully search and retrieve information from online sources
6. critically discuss issues raised by the use of computers in society

Subject Content

1. History, development, application of computers and information systems;
2. Hardware - CPU, input and output devices, storage and file organisation, networks, data communication;
3. Operating environments;
4. Disk and file management;
5. Wordprocessing - creating & formatting documents, document presentation;
6. Spreadsheets - creation, formatting, formulas, functions and charts;
7. Databases - concepts; accessing simple databases;

8. Graphics - drawing packages, graphics in documents;
9. Presentations software;
10. Exporting/importing data between applications;
11. Network applications- email, on-line databases, the Internet;
12. Computers in society - privacy and security issues, ethical computer use, ergonomics.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/Group Task
Portfolio	Equivalent to 3000 words documenting weekly practical exercises	15	N	Individual
Practical Exam	50 minutes in corresponding tutorial session	20	N	Individual
Applied Project	Creating Information Resources	15	N	Individual
Presentation	5 minutes in corresponding tutorial session	5	N	Individual
Final Exam	2 Hours	45	N	Individual

Prescribed Texts

- LaBerta, C. (2014). Computers are your future. Complete (12th new international ed.). Pearson.

Teaching Periods

Autumn (2022)

Campbelltown

Composite

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Day

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Parramatta - Victoria Rd

Composite

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Spring (2022)

Campbelltown

Day

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Campbelltown

On-site

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Hybrid

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