INFS 1002 INFORMATION SYSTEMS IN CONTEXT

Credit Points 10

Legacy Code 300573

Coordinator Ana Hol (https://directory.westernsydney.edu.au/search/name/Ana Hol/)

Description From Spring 2025, this subject is replaced by INFS 1016 Digital Transformation. This subject aims to give students the ability to recognise and explain business information systems with regard to type, function, purpose, and the frameworks within which these systems are used. Topics in this subject include computing fundamentals; computer hardware and software; computers and society; use of business application packages - spreadsheets, word processing, database, graphics; organisational information systems; information systems development and acquisition; data and knowledge management; electronic commerce, internets, extranets; networking; enterprise-wide information systems; the internet and information systems security; privacy, ethics and computer crime.

School Computer, Data & Math Sciences

Discipline Systems Analysis and Design

Student Contribution Band HECS Band 2 10cp

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

Level Undergraduate Level 1 subject

Equivalent Subjects INFS 1003 Information Systems in Context (WSTC)

Incompatible Subjects INFS 1004 Introduction to Information Systems

Assumed Knowledge

2 Unit Mathematics and 2 Unit English (General).

Learning Outcomes

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

1. Identify and explain an information system with regards to its type, functionality, role and impact;
2. Recognise and explain the role of management, information system professionals and end users when developing and implementing information systems in a business environment;
3. Discuss the implications of contemporary issues effecting business information systems;
4. Identify and explain the structure and business uses of data, information and knowledge banks;
5. Apply the knowledge of common business application packages to present information at a professional level;
6. Summarise, analyse and present data collected through research.

Subject Content

- Key Issues in Information Systems (IS), Applications of IS in Business: Fundamentals of IS, General Systems Theory, why businesses need IS, IS for business operations and competitive advantage, Changes in the business world.
- Information Basics: Data representation and Information management, Data-banks, Technology (Hardware, Software and Communications Technology) as it pertains to effective management of information, the Internet, Intranets and Extranets in business management.
- Using and Developing IS: Developing business solutions through effective management of information, Managerial decision support through IS, Focus on end-user needs in business IS, Strategic IS Planning, Business Process Redesign, Management of implementation of IS within business.
- Business Challenges in Management of business globalisation, Security, Privacy and Ethics in business practices.
- Practical Skills embedded to portfolio activities that will enhance and support students' searching skills, the ability to write and critically analyse and effectively present findings using the MS packages (Word, Excel, and PowerPoint).

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	Mandatory
Portfolio	10 activities	15	N	Individual	Y
Portfolio	5 min presentation (50%), engagement and discussions (50%) ability to ask questions and provide constructive feedback	20	N	Individual	Y
Portfolio	10 activities	15	N	Individual	Y
Final Exam	2 hours	50	N	Individual	Y

Teaching Periods

Autumn (2025)

Parramatta - Victoria Rd

Hybrid

Subject Contact Ana Hol (https://directory.westernsydney.edu.au/search/name/Ana Hol/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFS1002_25-AUT_PS_3#subjects)