

Unit Code and Title	BIS1001 Foundations of Information Systems
Course(s)	Diploma of Business Information Systems; Bachelor of Business Information Systems
Core or Elective	Core: Diploma of Business Information Systems; Bachelor of Business Information Systems Elective: N/A
Credit Points	6 credit points
Duration	1 standard study period
AQF Level	5
Student Workload	Students should expect to spend approximately 120 hours on learning activities across the study period. This includes time spent attending scheduled classes, undertaking private study, preparing assessments, and completing examinations.
Essential Requirements	None
Mode(s) of Delivery	On campus/Online
Pre-Requisites	N/A

Unit Description

This unit deals with the inter-relationships of technology and people via a business information system. It highlights the key role that an information system and its constituent components have in building strategic advantage for a business. It also highlights the risks associated that the human technology interface brings in attaining organisational efficiency. Topics covered include: hardware and software required to solve the needs of the organisation; database and bigdata as tools in supporting decision making; the integration of computer networking and telecommunication that enable people to meet personal and organisational objectives; electronic commerce; decision support using business intelligence and analytics; the management of information technology outsourcing; and legal, ethical and security issues in information systems.

Unit Learning Outcomes (ULOs)

On successful completion of this unit, students will be able to:

- [ULO1] Demonstrate an understanding of the essential components of information systems.
- [ULO2] Describe how application software and data bases support personal, workgroup, and enterprise business objectives.
- [ULO3] Demonstrate the fundamental components of key enterprise systems used in business.
- [ULO4] Describe and identify the tools and techniques used in knowledge management systems, including artificial intelligence.

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[ULO5] Discuss the ethical concerns associated with the use of contemporary information systems in business and describe the role of information security systems for protecting business information.

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