

BIS1001 Foundations of Information Systems

Unit Description

In this unit, students will explore the key concepts and significance of information systems as well as their role in organisations.

Students will cover topics such as role of information systems in global business today, IT infrastructure, emerging technologies and trends, foundations of business intelligence, managing knowledge and artificial intelligence and ethical considerations.

By the end of this unit, students will have a comprehensive knowledge of Information systems and their role in today's digital world, along with and their practical applications.

Credit Points	6 credit points
Duration	12 weeks (10 teaching weeks and 2 revision and assessment weeks)

Unit Learning Outcomes

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

1. Demonstrate an understanding of the essential components of information systems.
2. Describe how application software and data bases support personal, workgroup, and enterprise business objectives.
3. Demonstrate the fundamental components of key enterprise systems used in business.
4. Describe and identify the tools and techniques used in knowledge management systems, including artificial intelligence.
5. 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.