



TEQSA ID PRV:14323
CRICOS Provider Code: 03866C

MIT641 MANAGEMENT INFORMATION TECHNOLOGY

SYDNEY INSTITUTE OF HIGHER EDUCATION > PROGRAMS > MIT641 MANAGEMENT INFORMATION TECHNOLOGY

Unit Outline

Important Update:	Our aim is to provide you with an optimal learning experience, regardless of how this unit is delivered. Teaching will be delivered in line with the most current COVID Safe health guidelines. This may include a mix of online and face-to-face. Please check the learning management system for announcements and updates. Thank you for your flexibility and commitment to studying with Sydney Institute of Higher Education.
Enrolment Modes:	Year 2, Semester 1.
Credit Point(s):	12.5
EFTSL Value:	0.125
Prerequisites:	MIT503 Systems Development , MIT505 IT Professional and Ethics
Typical study commitment:	Students will on average spend 10 hours per week over the teaching period undertaking the teaching, learning and assessment activities for this unit.
Scheduled learning activities:	4 timetabled hours per week, 6 personal study hours per week.
Other resource requirements:	Students will need access to lab computers or will need their own laptops in order to carry out lab exercises and assignments.

Unit description

This unit provides an overview of the socio-technical aspects of Information Technology (IT) and issues that managers face in the selection, use, and management of IT. This unit explores the essential technologies, applications, and their impact on business models and managerial decision making and explains how managers can effectively use Information Technology to gain competitive advantage for their business. This unit also discusses the importance of integrating computer-based information systems, commonly referred to as Enterprise Resource Planning (ERP) systems, supporting organization's information needs. This unit also addresses other socio-technical aspects related to managing Information Technology, including the process of acquiring new systems, IT change management, security, privacy, and ethical aspects of Information Technology.

Unit learning outcomes (ULO)

On the successful completion of this unit student will be able to:

ULO1	Demonstrate an understanding of information technology from both a technical and business perspective.
ULO2	Describe the types of information systems supporting the major functional areas of businesses.
ULO3	Evaluate the role of information technology in today's competitive business environment.
ULO4	Identify the major management challenges to building and using information systems in organisations.
ULO5	Develop effective solutions to address IT related issues.

Topics to be included in the unit

1.	Information Systems in Global Business Today
2.	Information Systems, Organisations, and Strategy
3.	Ethical and Social Issues in Information Systems
4.	IT Infrastructure and Emerging Technologies
5.	Foundations of Business Intelligence: Databases and Information Management
6.	Telecommunications, the Internet, and Wireless Technology
7.	Securing Information Systems
8.	Achieving Operational Excellence and Customer Intimacy: Enterprise Applications
9.	E-commerce: Digital Markets and Goods
10.	Enhancing Decision Making
11.	Building Systems
12.	Managing Global Systems & Revision

Assessment

Assessment Description	Grading and weighting (% total mark for unit)	Due date
Assessment 1: Class Participation	10%	Weeks 1-12
Assessment 2: Online Quiz	10%	Week 5
Assessment 3: Technical Report	25%	Week 8
Assessment 4: Business Case and Presentation	25%	Week 12
Assessment 5: Final Exam	30%	Final exam week