

BISY90001 Business and Information Technology

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: One 3-hour seminar per week Total Time Commitment: Estimated total time commitment of 120 hours per semester
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements for this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Coordinator:	Dr Alison Parkes
Contact:	Email: aparkes@unimelb.edu.au (mailto:aparkes@unimelb.edu.au)
Subject Overview:	This subject exposes students to the foundations for achieving business success through information technology (IT). Topics include robust transaction processing and decision support, systems development and sourcing, data modelling, total cost of ownership, valuing IT assets and projects, modelling, information economics and foundations of business intelligence. The course introduces students to the practical skills and conceptual knowledge necessary for understanding the business application of IT for competitive advantage.
Objectives:	On successful completion of this subject, students should be able to: <ul style="list-style-type: none"> # Critically discuss the different types of business information systems, their interrelationships, and their impacts on management and strategy; # Demonstrate knowledge of basic technology concepts that enable business information systems: networks, client-server principles, transaction-processing systems and business data management; # Interpret and analyse planning documents for business data modelling; # Discuss the interrelationships between technical and managerial issues in the development of information systems and information architectures; # Critically discuss and evaluate the different business-value impacts of information systems; # Assess the implications for markets of advances in information technologies; # Describe several technologies for improving decision-making.
Assessment:	2-hour end-of-semester examination (60%) One group project (20%) Assignments totalling not more than 1,000 words (10%) Seminar participation (10%)
Prescribed Texts:	You will be advised of prescribed texts by your lecturer.
Breadth Options:	This subject is not available as a breadth subject.

Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	On successful completion of this subject, students should have improved the following generic skills: <ul style="list-style-type: none"># Oral communication# Written communication# Collaborative learning and team work# Using computer programs
Related Course(s):	Graduate Certificate in Business and Information Technology Graduate Certificate in Information Systems Graduate Diploma in Business and Information Technology Master of Business and Information Technology Master of Business and Information Technology Master of Information Systems Master of Management (Business Analysis and Systems)