

ISYS20006 Shaping the Enterprise with ICT

Credit Points:	12.50																	
Level:	2 (Undergraduate)																	
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Lectures and practicals																	
Time Commitment:	Contact Hours: 2 one-hour lectures per week, 1 one-hour practical class per week. Total Time Commitment: Estimated total time commitment of 120 hours																	
Prerequisites:	One of the following <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>ISYS10001 Foundations of Information Systems</td><td>Semester 2</td><td>12.50</td></tr><tr><td>COMP10001 Foundations of Computing</td><td>Semester 1, Semester 2</td><td>12.50</td></tr><tr><td>ACCT10003 Accounting Processes and Analysis</td><td>Semester 1, Semester 2</td><td>12.50</td></tr><tr><td>INFO10001 Informatics 1: Data on the Web</td><td>Not offered 2012</td><td>12.50</td></tr></table> Or achieving 75% in the Programming Competency Test			Subject	Study Period Commencement:	Credit Points:	ISYS10001 Foundations of Information Systems	Semester 2	12.50	COMP10001 Foundations of Computing	Semester 1, Semester 2	12.50	ACCT10003 Accounting Processes and Analysis	Semester 1, Semester 2	12.50	INFO10001 Informatics 1: Data on the Web	Not offered 2012	12.50
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Corequisites:	None																	
Recommended Background Knowledge:	None																	
Non Allowed Subjects:	# 615-260 Enterprise Systems (prior to 2009)																	
Core Participation Requirements:	<p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p>																	
Coordinator:	Prof Peter Seddon																	
Contact:	Email: p.seddon@unimelb.edu.au (mailto:p.seddon@unimelb.edu.au)																	
Subject Overview:	Enterprise-wide systems form the core of any modern organisation. This subject will provide students with a good understanding of the capabilities of enterprise-wide ICT-based application software, e.g., enterprise resource planning (ERP), customer relationship management (CRM), supply chain management (SCM), and collaboration software). It will also provide an appreciation of the factors that need to be managed if enterprise-wide software is to be implemented on time, within budget, and in order to produce ongoing benefits for its host organisation. Based on at least 20 hours hands-on with SAP ERP software, students should also leave the subject with a good working knowledge of the core functionality provided by one of the most popular enterprise application software packages, SAP ERP.																	
Objectives:	Upon completion of this subject students should possess:																	

	<ul style="list-style-type: none"> # A good understanding of the capabilities of enterprise-wide ICT-based application software (e.g., ERP, CRM, SCM, and collaboration software) # An appreciation of the factors that need to be managed if enterprise-wide software is to be implemented on time, within budget, and in order to produce ongoing benefits for its host organisation # A good working knowledge of the core functionality provided by one of the most popular enterprise application software packages, SAP ERP # Generic skills such as the capacity to evaluate the research literature on Enterprise Systems
Assessment:	Assignments due in approximately weeks 3 (10%), 8 (20%), and 10 (20%) totalling not more than 5,000 words (50% total) Plus a 2-hour written examination in the examination period (50%) Satisfactory completion of both assignment work and the examination is necessary to pass the subject
Prescribed Texts:	P B Seddon, and C Calvert, Shaping the Enterprise with ICT Subject Notes, 2010
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2012/B-ARTS) # Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2012/B-BMED) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2012/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2012/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2012/B-MUS) # Bachelor of Science (https://handbook.unimelb.edu.au/view/2012/B-SCI) # Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2012/B-ENG) <p>You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>Upon completion of this subject students should develop</p> <ul style="list-style-type: none"> # high-level skills in critical thinking; evaluation of Enterprise Systems research literature; and the use of computer software. # skills in oral communication; written communication; and the application of theory to practice.
Notes:	<p>Students undertaking this subject will be expected to regularly access an internet-enabled computer.</p> <p>A general understanding of the objectives of database systems would be an advantage.</p>
Related Breadth Track(s):	Information Technology in Organisations