ISYS90036 Enterprise Systems

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 36 hours, comprising of one 3-hour seminar each week Total Time Commitment: 120 hours
Prerequisites:	Students who are enrolled in the two year 200 point Master of Information Systems must have completed 50 points of study to enrol in this subject.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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
Contact:	Proffessor Peter Seddon email: **p.seddon@unimelb.edu.au (mailto:p.seddon@unimelb.edu.au)**
Subject Overview:	Organizations around the world are increasingly turning to packaged enterprise application software vendors to provide computer-based applications to support their core business processes. Twenty years ago most such computer-based information systems were custom built. Today, most core systems are built around packaged software. The generic name for the suite of packaged-software-based systems such as Enterprise Resource Planning (ERP), Customer Relationship Management (CRM) and Supply Chain Management (SCM) systems is Enterprise Systems. In this subject we explore the enterprise systems phenomenon in considerable detail. Our goal is to understand the advantages and limitations of enterprise systems, how best to implement packaged enterprise application software (PEAS), and future directions that PEAS are likely to head as vendors respond to market pressures for integration between heterogenous information systems. Students will normally undertake approximately 20 hours of hands-on exercises with software from a leading vendor, SAP.
Objectives:	At the conclusion of this subject students should have: 1. Have 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) 2. Have an appreciation of the factors that need to be managed if enterprise-wide software is to be implemented on time, within budget, and produce on-going benefits for its host organization 3. Have a sense of the likely direction of technological innovations such as services-oriented architecture (SOA) on future enterprise system architectures 4. Have a good working knowledge of the core functionality provided by one of the most popular enterprise application software packages, SAP ERP.

Assessment:	One group class presentation and assignment, due date determined early in the semester (10%) Three individual assignments each approximately 2000 words, due at the end of week 3 (10%), week 8 (20%), week 10 (20%) 2-hour examination held in the examination period (40%) Hurdle Requirement: The examination must be passed to pass the subject
Prescribed Texts:	ISYS90036 Enterprise Systems Subject Notes, 2013
Recommended Texts:	Readings are listed in the Subject Notes and available online.
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:	The key generic skill that students will develop in this subject is argument analysis. The ability to identify arguments and evaluate the evidence that authors provide to support their arguments - use of the so-called "scientific method" - is one of the most important skills a person can develop. It is what has enabled human beings to progress from living in caves to living in the increasingly complex and prosperous world in which we live today. Additionally, students will also improve skills in oral and written communication, and in the application of theory to practice.
Links to further information:	http://www.cis.unimelb.edu.au
Related Course(s):	Master of Information Systems Master of Information Systems Master of Information Systems Master of Information Technology Master of Information Technology Master of Operations Research and Management Science Master of Philosophy - Engineering Master of Science (Information Systems) Ph.D.- Engineering