

ISYS90043 Enterprise Applications & Architectures

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Lectures
Time Commitment:	Contact Hours: 3 hours per week Total Time Commitment: 10 hours per week
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:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.
Coordinator:	Dr Sean Maynard
Contact:	Email: m.dale@unimelb.edu.au (mailto:m.dale@unimelb.edu.au)
Subject Overview:	Integrating business applications across business functions and companies provides large benefits to organizations. The first phase of this subject concentrates on business processes and enterprise applications including ERP systems. The relationships and flows between ERP and other e-business applications and models, such as customer relationship management systems, e-procurement, supply chain management systems, e-markets, portals, and applications service providers, are established. The second phase emphasizes how these applications can be integrated into an organisation's IT infrastructure. Topics include solution architectures, strategies to deal with legacy applications, and integration versus migration tradeoffs.
Objectives:	Upon completion of this subject, students should be able to: <ul style="list-style-type: none"> # apply the concepts of enterprise architecture; # develop a holistic business / technology approach to the integration of business applications; and # apply qualitative methods to the business process impact of business applications.
Assessment:	A group written assignment totalling 2500 words due in Week 9 of the semester (50%); and a 2-hour written examination in the examination period (50%).
Prescribed Texts:	None
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:	Students should develop an understanding of ERP applications, their impact on business processes and information systems and the application of different architecture frameworks and tools to ERP integration projects.
Links to further information:	www.cis.unimelb.edu.au
Related Course(s):	Bachelor of Information Systems (Degree with Honours) Master of Business Administration/Master of Information Systems Master of Information Systems Master of Information Systems Master of Information Systems/Postgraduate Diploma in Management Master of Information Technology Master of Science (Information Systems) Postgraduate Certificate in Information Systems