306-623 Information Architecture

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: One 3-hour seminar per week (Semester 2). Total Time Commitment: Not available
Prerequisites:	306-490 Business and Information Technology, or equivalent.
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
Coordinator:	Dr Alison Parkes
Subject Overview:	Information architecture is a crucial component of enterprise architecture. This subject introduces broad-scale information models from a whole-of-enterprise perspective focusing on information models and infrastructure requirements for linking disparate business systems. The primary focus is on how information and systems are managed in a large organisation. The pragmatic aspects of large-scale information architecture are grounded in the theory of data modelling and the use of technologies such as middleware and Web Services.
Objectives:	On successful completion of this subject, students should be able to: # Identify new technologies to integrate different systems into a whole-of-enterprise systems; # Critically review the theory and related practices of creating a repository for enterprise-wide information; # Synthesise the current models available or developing a whole-of-enterprise systems; # Critically appraise the information and communications architecture required for large-scale data processing in organisations.
Assessment:	One 2-hour end-of-semester examination (50%), two assignments not exceeding 2500 words (20%), a seminar presentation (10%) and a group assignment (20%).
Prescribed Texts:	None
Recommended Texts:	To be advised.
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: # Application of modelling methods to the development of an enterprise system;

	# Analysis of information type and content; # Problem solving; # Oral and written communication.
Related Course(s):	Master of Business and Information Technology Master of Business and Information Technology Master of Management (Business Analysis and Systems)