

## BISY90005 Enterprise and Information Architecture

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: One 3-hour seminar per week Total Time Commitment: Estimated total time commitment of 120 hours per semester
<b>Prerequisites:</b>	<b>306-490 Business and Information Technology (/view/2010/306-490)</b> or equivalent
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	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: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Coordinator:</b>	Mr Rudra-Pratap Patnaikuni
<b>Contact:</b>	Graduate School of Business and Economics Student Centre Level 4, 198 Berkeley Street Telephone: +61 3 8344 1670 Online Enquiries: <a href="http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html">http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html</a> ( <a href="http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html/">http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html/</a> ) Web: <a href="http://www.melbournegsm.unimelb.edu.au">www.melbournegsm.unimelb.edu.au</a> ( <a href="http://www.gsbe.unimelb.edu.au/">http://www.gsbe.unimelb.edu.au/</a> )
<b>Subject Overview:</b>	Enterprise Architecture is a critical component of aligning business and IT strategy, through a holistic way of modelling an organisation's Information Systems assets. This subject introduces enterprise architecture modelling frameworks, and seeks to give students an understanding of the importance of each architecture layer to the organisation. Information architecture is a crucial component of Enterprise Architecture, and the subject focuses 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.
<b>Objectives:</b>	On successful completion of this subject, students should be able to: <ul style="list-style-type: none"> <li># Identify new technologies to integrate different systems into a whole-of-enterprise systems;</li> <li># Critically review the theory and related practices of creating a repository for enterprise-wide information;</li> <li># Synthesise the current models available or developing a whole-of-enterprise systems;</li> <li># Critically review an organisation's enterprise architecture and use that as a basis for formulating business strategy based on IT assets;</li> <li># Apply Enterprise Architecture modelling methods to the development of an enterprise system.</li> </ul>
<b>Assessment:</b>	One 2-hour end-of-semester examination (60%) One individual assignment not exceeding 1500 words (10%) Seminar presentation (10%) Group assignment not exceeding 2500 words (20%)
<b>Prescribed Texts:</b>	You will be advised of prescribed texts by your lecturer.
<b>Breadth Options:</b>	This subject is not available as a breadth subject.

<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	On successful completion of this subject, students should have improved the following generic skills: <ul style="list-style-type: none"><li># Application of modelling methods to the development of an enterprise system</li><li># Analysis of information type and content</li><li># Problem solving</li><li># Oral and written communication</li></ul>
<b>Related Course(s):</b>	Master of Business and Information Technology Master of Business and Information Technology Master of Management (Business Analysis and Systems)