ISYS90049 Business Analysis Modeling and Design

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2011. Lectures
Time Commitment:	Contact Hours: 3 hours per week Total Time Commitment: 10 hours per week
Prerequisites:	None.
Corequisites:	None.
Recommended Background Knowledge:	None.
Non Allowed Subjects:	None.
Core Participation Requirements:	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: http://www.services.unimelb.edu.au/disability/
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Subject Overview:	This subject introduces the fundamental processes for identifying information systems requirements, leading to the specification and design of information systems or the selection of commercial off-the-shelf packages to support business processes. Students will gain experience in the tools and techniques for the initial stages of these analysis and design cycles. Topics will include analysis tools and techniques, data and process modelling and systems development methodologies.
Objectives:	At the conclusion of this subject, students should be able to: 1- describe and apply requirements gathering techniques 2- use appropriate modelling techniques to best understand a business context and need for an information system 3- write reports documenting information systems requirements 4- select and justify using a systems development methodology to solve a business problem 5- initiate a case that justifies the purchase of commercial off-the-shelf (COTS) packages.
Assessment:	Group assessment: 2 x Written Reports: Report 1 to be 25 pages due mid semester (35%) and Report 2 to be 20 pages due end of semester (30%).2 x 15 minute Oral presentations, due Seminar 6 & Seminar 12 (15%). Individual assessment:2 x written critique of reports (marked as pass/fail - 10%): Critique 1 of Report 1 due mid semester; Critique 2 of Report 2 due end of semester.Bonus marks for Critiques (10%)
Prescribed Texts:	Avison, D. and Fitzgerald, G. Information Systems Development: Methodologies, Techniques and Tools, McGraw-Hill, 2006.
Recommended Texts:	A reading pack will be made available.
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 have honed generic skills such as clear thinking, improved reading and writing, enhanced ability to work in a team of people, and presentation skills.
Links to further information:	http://www.dis.unimelb.edu.au/current/postgrad/subjects/index.html
Related Course(s):	Bachelor of Information Systems (Degree with Honours) Graduate Certificate in Information Systems Master of Information Systems Master of Information Systems Master of Information Systems Master of Science (Information Systems)