

# ISYS30009 ICT Enabled Business Process Change

<b>Credit Points:</b>	12.50									
<b>Level:</b>	3 (Undergraduate)									
<b>Dates &amp; Locations:</b>	This subject is not offered in 2011.									
<b>Time Commitment:</b>	Contact Hours: 1 x two hour lecture and 1 x one hour workshop/tutorial per week. Total Time Commitment: Estimated total time commitment of 120 hours									
<b>Prerequisites:</b>	<p>One of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ACCT10003 Accounting Processes and Analysis</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>INFO10001 Informatics 1: Data on the Web</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ACCT10003 Accounting Processes and Analysis	Semester 1, Semester 2	12.50	INFO10001 Informatics 1: Data on the Web	Semester 1, Semester 2	12.50
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ACCT10003 Accounting Processes and Analysis	Semester 1, Semester 2	12.50								
INFO10001 Informatics 1: Data on the Web	Semester 1, Semester 2	12.50								
<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 request 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 of 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>Contact:</b>	<p>Dr Simon Milton            Email: <a href="mailto:smilton@unimelb.edu.au">smilton@unimelb.edu.au</a> (mailto:smilton@unimelb.edu.au)</p> <p>Dr Rachele Bosua            Email: <a href="mailto:rachele.bosua@unimelb.edu.au">rachele.bosua@unimelb.edu.au</a> (mailto:rachele.bosua@unimelb.edu.au)</p>									
<b>Subject Overview:</b>	In this subject students will learn how to support and change business processes using ICT. Commercial off-the-shelf packages are increasingly being used to support business processes. Students will gain experience in the tools and techniques for the initial stages of process change including requirements specification leading to package selection, and also in planning a change project to support a business process using ICT. Topics will include analysis tools and techniques, data and process modelling and project planning and management leading to implementation of an ICT-based system.									
<b>Objectives:</b>	<p>At the completion of the subject, students should be able to:</p> <ul style="list-style-type: none"> <li># use appropriate modeling techniques to best understand a business context and need for an ICT-enabled system</li> <li># describe and apply requirements gathering techniques</li> <li># write business reports documenting the requirements for an ICT-enabled system</li> <li># initiate a case that justifies the purchase of commercial off-the-shelf (COTS) packages.</li> <li># plan a project to implement an ICT-enabled system (either bought or built).</li> <li># write a business report documenting the plan to implement an ICT-enabled system</li> </ul>									
<b>Assessment:</b>	Two group reports: Report 1: Requirements Report (20 pages, 25%) due mid-semester, Report 2: Final Report (25 pages, 20%) due end-semester. An executive group 15 minute oral presentation (10%) due end-semester. Individual Assessment: Critiques of reports: requirements report (2 pages, 5%) and final report (3 pages, 10%); A 2-hour open book examination during the examination period (30%).									

<b>Prescribed Texts:</b>	Dwyer, J. The Business Communication Handbook, 8th Ed. Pearson Education. 2009
<b>Recommended Texts:</b>	<ul style="list-style-type: none"> <li># Avison, D. and Fitzgerald, G. Information Systems Development: Methodologies, Techniques and Tools, 4th Ed, McGraw-Hill. 2006</li> <li># Beynon-Davies, P. Information Systems Development, 3rd Ed. Palgrave 1998. (distributed by Macmillan).</li> <li># Kendall, K. and Kendall, J. Systems Analysis and Design, 7th Ed, Pearson Education 2007 (International edition).</li> <li># Schön, Donald A. The Reflective Practitioner: How Professionals Think in Action, Book Point. 1995</li> </ul>
<b>Breadth Options:</b>	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> <li># <b>Bachelor of Biomedicine</b> (<a href="https://handbook.unimelb.edu.au/view/2011/B-BMED">https://handbook.unimelb.edu.au/view/2011/B-BMED</a>)</li> <li># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2011/B-COM">https://handbook.unimelb.edu.au/view/2011/B-COM</a>)</li> <li># <b>Bachelor of Environments</b> (<a href="https://handbook.unimelb.edu.au/view/2011/B-ENVS">https://handbook.unimelb.edu.au/view/2011/B-ENVS</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2011/B-MUS">https://handbook.unimelb.edu.au/view/2011/B-MUS</a>)</li> <li># <b>Bachelor of Science</b> (<a href="https://handbook.unimelb.edu.au/view/2011/B-SCI">https://handbook.unimelb.edu.au/view/2011/B-SCI</a>)</li> <li># <b>Bachelor of Engineering</b> (<a href="https://handbook.unimelb.edu.au/view/2011/B-ENG">https://handbook.unimelb.edu.au/view/2011/B-ENG</a>)</li> </ul> <p>You should visit <a href="http://breadth.unimelb.edu.au/breadth/info/index.html">learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html)</a> and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
<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>	<p>On completion of this subject students should:</p> <ul style="list-style-type: none"> <li># Have acquired moderate levels of cognitive modelling, planning and evaluation skills,</li> <li># Be able to work collaboratively in a team,</li> <li># Have developed their written and oral communication skills</li> </ul>
<b>Notes:</b>	Previously known as ISYS30009 (615-314) Implementing ICT Enabled Systems (prior to 2011)
<b>Related Breadth Track(s):</b>	<p>Information Systems B  Information Systems A  Information Technology in Organisations</p>