

# COMP30022 IT Project

<b>Credit Points:</b>	12.50																					
<b>Level:</b>	3 (Undergraduate)																					
<b>Dates &amp; Locations:</b>	This subject is not offered in 2013.																					
<b>Time Commitment:</b>	Contact Hours: 36 hours, comprising of one 1-hour lecture and two 1-hour workshops per week Total Time Commitment: 120 hours																					
<b>Prerequisites:</b>	One of the following: <table border="1" data-bbox="387 488 1485 692"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>SWEN30006 Software Modelling and Design</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>INFO30005 Web Information Technologies</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	SWEN30006 Software Modelling and Design	Not offered 2013	12.50	INFO30005 Web Information Technologies	Not offered 2013	12.50												
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<b>Corequisites:</b>	None																					
<b>Recommended Background Knowledge:</b>	None																					
<b>Non Allowed Subjects:</b>	<table border="1" data-bbox="387 887 1485 1319"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>SWEN30007 Software Systems Project</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>SWEN30004 Software Engineering Project</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>COMP30016 Computer Science Project</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>INFO30003 Informatics 6: e-Research Project</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>SINF30008 Science Informatics in Practice</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>ISYS30006 Industrial Project</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table> <p>433-340 Software Engineering Project 615-373 Industrial Project</p>	Subject	Study Period Commencement:	Credit Points:	SWEN30007 Software Systems Project	Not offered 2013	12.50	SWEN30004 Software Engineering Project	Not offered 2013	12.50	COMP30016 Computer Science Project	Not offered 2013	12.50	INFO30003 Informatics 6: e-Research Project	Not offered 2013	12.50	SINF30008 Science Informatics in Practice	Not offered 2013	12.50	ISYS30006 Industrial Project	Not offered 2013	12.50
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<b>Core Participation Requirements:</b>	<p>&lt;p&gt;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.&lt;/p&gt; &lt;p&gt;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: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>																					
<b>Contact:</b>	Associate Professor Tim Baldwin email: <a href="mailto:tbaldwin@unimelb.edu.au">tbaldwin@unimelb.edu.au</a> ( <a href="mailto:tbaldwin@unimelb.edu.au">mailto:tbaldwin@unimelb.edu.au</a> )																					
<b>Subject Overview:</b>	This subject is the capstone project for the Informatics major and the Computing and Software Systems major in the BSc. You will work on a real life problem in a small team, supervised by a member of staff. Each team will analyze the information needs of users and develop working computational solutions. Students are expected to apply sound principles studied over the course of their degree to the formulation and solution of their problem.																					

<b>Objectives:</b>	<p>On completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> <li># Undertake problem identification, formulation and solution</li> <li># Analyse, design, implement and test a system</li> <li># Communicate effectively, not only with other IT professionals, but also with the community at large</li> <li># Apply IT principles to the development of non-trivial systems</li> </ul>
<b>Assessment:</b>	<p>The major components of assessment are based on the student's ability to participate and contribute to a team-based information technology project. Students will be assessed on their ability to: Work in small, diverse teams acting professionally Analyse design, implement, and test a system, following prescribed processes Communicate effectively in written and oral presentations Contribute to team goals Assessment will be spread over three general criteria: The team's ability to conduct problem formulation and design, reporting, and to manage its processes (50%) The final release of the developed product (30%). The individual student's contribution to the project and team (20%) To pass the subject, students must achieve 50% overall, 25/50 for criterion 1, 15/30 for criterion 2, and 10/20 for criterion 3</p>
<b>Prescribed Texts:</b>	None
<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 Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2013/B-ARTS">https://handbook.unimelb.edu.au/view/2013/B-ARTS</a>)</li> <li># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2013/B-COM">https://handbook.unimelb.edu.au/view/2013/B-COM</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2013/B-MUS">https://handbook.unimelb.edu.au/view/2013/B-MUS</a>)</li> </ul> <p>You should visit <b>learn more about breadth subjects</b> (<a href="http://breadth.unimelb.edu.au/breadth/info/index.html">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 have developed the following generic skills:</p> <ul style="list-style-type: none"> <li># Ability to undertake problem identification, formulation and solution</li> <li># Ability to utilise a systems approach to design and operational performance</li> <li># Ability to function effectively as an individual and in multi-disciplinary and multi-cultural teams, with the capacity to be a leader or manager as well as an effective team member</li> </ul>
<b>Related Majors/Minors/Specialisations:</b>	Computing and Software Systems Informatics