

## COMP90029 Advanced Studies in Computing 6A

<b>Credit Points:</b>	12.5						
<b>Level:</b>	9 (Graduate/Postgraduate)						
<b>Dates &amp; Locations:</b>	2015, Parkville This subject commences in the following study period/s: Summer Term, Parkville - Taught on campus. Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.						
<b>Time Commitment:</b>	Contact Hours: Students are required to attend regular meetings with their supervisor. Total Time Commitment: 200 hours						
<b>Prerequisites:</b>	Permission required from the Head of Department (Computing and Information Systems) to undertake this subject. <table border="1" data-bbox="387 660 1485 808"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>COMP20007 Design of Algorithms</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	COMP20007 Design of Algorithms	Semester 1	12.50
Subject	Study Period Commencement:	Credit Points:					
COMP20007 Design of Algorithms	Semester 1	12.50					
<b>Corequisites:</b>	None						
<b>Recommended Background Knowledge:</b>	None						
<b>Non Allowed Subjects:</b>	None						
<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>Coordinator:</b>	Prof James Bailey						
<b>Contact:</b>	email: <a href="mailto:baileyj@unimelb.edu.au">baileyj@unimelb.edu.au</a> (mailto:baileyj@unimelb.edu.au)						
<b>Subject Overview:</b>	The subject consists of advanced studies in computing covering material which is not otherwise available to the student. The details of the topics covered will depend on the course of study selected and may involve substantial system development.						
<b>Learning Outcomes:</b>	On completion of this subject the student is expected to: # Broadened and deepened their knowledge of modern computing concepts and techniques.						
<b>Assessment:</b>	One 800-1000 word project proposal, due at the end of week 4, requiring approximately 25 - 30 hours of work (10%) One 20 minute presentation of the project, including answering audience questions, held in week 12 (10%) One 5000-6000 word project report, requiring approximately 100 - 110 hours of work, due in week 12 (80%).						
<b>Prescribed Texts:</b>	None						

<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>	<p>On completion of this subject students should have the following skills:</p> <ul style="list-style-type: none"><li># Have intellectual curiosity and creativity, including understanding of the philosophical and methodological bases of research active</li><li># Be able to undertake problem identification, formulation and solution</li><li># Have a capacity for independent critical thought, rational inquiry and self-directed learning</li><li># Have a profound respect for truth and intellectual integrity, and for the ethics of scholarship.</li></ul>
<b>Related Course(s):</b>	Master of Software Systems Engineering