

INFO30003 Informatics 6: e-Research Project

Credit Points:	12.50						
Level:	3 (Undergraduate)						
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.						
Time Commitment:	Contact Hours: 12 x one hour lectures and 12 x two hour workshops during the semester Total Time Commitment: Estimated total time commitment of 120 hours						
Prerequisites:	. <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>INFO20001 Informatics 3: Content Management</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	INFO20001 Informatics 3: Content Management	Semester 1, Semester 2	12.50
Subject	Study Period Commencement:	Credit Points:					
INFO20001 Informatics 3: Content Management	Semester 1, Semester 2	12.50					
Corequisites:	None						
Recommended Background Knowledge:	None						
Non Allowed Subjects:	# Computer Science Project # Software System Project <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>SINF30008 Science Informatics in Practice</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	SINF30008 Science Informatics in Practice	Semester 2	12.50
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SINF30008 Science Informatics in Practice	Semester 2	12.50					
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.						
Coordinator:	Prof Rajkumar Buyya, Prof Rao Kotagiri						
Contact:	Department of Information Systems Level 4, 111 Barry Street, Carlton						
Subject Overview:	This is a project based subject in which students will design and implement a significant solution/application to address a non-trivial domain-specific problem, based on the concepts, technologies and approaches they have learnt in the preceding Informatics subjects. Students will be required to propose a specific project with the support of an appropriate supervisor with domain expertise; they will then implement the solution while contributing to and being supported by a peer-based development community comprised of fellow students, IT experts and domain specialists. Student will have an opportunity to present their work to the community for critique and feedback.						
Objectives:	On completion of this subject students should be able to implement a complex, typically web-based, application that integrates, transforms and displays complex data sets.						
Assessment:	One staged group project comprising: project plan, due in first quarter of semester (length 20 pages, 10%); project outcomes assessed at mid-semester and end of semester (60%); one group-work based 15-minute oral presentation in week 12 (20%); peer review component of group-work (10%).						
Prescribed Texts:	To be advised						

Recommended Texts:	To be advised
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2010/B-ARTS) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2010/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2010/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2010/B-MUS) <p>You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>On completion of this subject students should have developed the following generic skills:</p> <ul style="list-style-type: none"> # the ability to synthesise information and communicate results effectively, # the ability to engage with unfamiliar problems, and identify relevant strategies for problem solving through the collection and evaluation of information, # the capacity for critical and independent thought and reflection, and # the ability to plan and manage time.
Notes:	This subject is the capstone for the Diploma in Informatics program. It is therefore core for the diploma.
Related Course(s):	Bachelor of Science Diploma in Informatics