

INFO10002 Informatics 2: People, Data and the Web

Credit Points:	12.50								
Level:	1 (Undergraduate)								
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.								
Time Commitment:	Contact Hours: 3 x one hour lectures per week; and 1 x three hour workshop per week. 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>INFO10001 Informatics 1: Practical Computing</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	INFO10001 Informatics 1: Practical Computing	Semester 1, Semester 2	12.50
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INFO10001 Informatics 1: Practical Computing	Semester 1, Semester 2	12.50							
Corequisites:	None								
Recommended Background Knowledge:	None								
Non Allowed Subjects:	<p># 615-240 Concepts of Software Development 2 (prior to 2009). Students who have passed either of the following subjects are not permitted to enrol in this subject</p> <p># 433-171 Introduction to Programming (prior to 2008) # 433-151 Introduction to Programming (Advanced)(prior to 2008)</p>								
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. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.								
Coordinator:	Mr Ivo Widjaja								
Contact:	Email: ivow@unimelb.edu.au (mailto:ivow@unimelb.edu.au)								
Subject Overview:	This subject explores the world-wide web of data. Students will select a problem domain, identify live web data sources, and use computational methods to represent, transform, and present information for human consumption. This subject covers the Extensible Markup Language (XML) and associated web technologies; systems for managing information in a shared environment; and social implications of networked computing. A series of workshops together with a semester-long team project will give students practical experience in solving data-intensive problems involving computers, people and the Web.								
Objectives:	<p>On completion of this subject students should be able to:</p> <ul style="list-style-type: none"> # solve practical information management tasks using programming and XML technologies; # manipulate dynamic, semi-structured web-based data; # implement and test solutions using XML technologies; # use web technologies to collaborate with fellow team members; # communicate results effectively using web technologies 								
Assessment:	A three-stage project (50%) expected to take 48 hours, with stages due at one-third, at two-thirds and at the end of semester. This time commitment includes a peer-assessment component related to the project (5%). About half of the project is to be done individually and the rest in groups. The additional assessment component is a 2-hour written examination in the								

	examination period (50%). Each of the continuous assessment and the final exam components must be passed in order to pass the subject overall.
Prescribed Texts:	None
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"> # analyse and solve real-world problems with computers; # provide clear and constructive critique of other students' work; # discern quality with respect to the goals of the subject; # synthesise information and communicate results effectively; and # work effectively as a member of a project team.
Notes:	This subject is available for science credit to students enrolled in the BSc (both pre-2008 and new degrees), BASc or a combined BSc course.
Related Course(s):	Bachelor of Information Systems Bachelor of Science Bachelor of Science and Bachelor of Information Systems Diploma in Informatics