

COMP90010 Web Technologies and Applications

Credit Points:	12.50														
Level:	9 (Graduate/Postgraduate)														
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.														
Time Commitment:	Contact Hours: 3 hours per week; Non-contact time commitment: 84 hours Total Time Commitment: Not available														
Prerequisites:	<table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>COMP90041 Programming and Software Development</td><td>Not offered 2011</td><td>12.50</td></tr><tr><td>COMP90038 Algorithms and Complexity</td><td>Not offered 2011</td><td>12.50</td></tr><tr><td>SINF90001 Database Systems & Information Modelling</td><td>Not offered 2011</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	COMP90041 Programming and Software Development	Not offered 2011	12.50	COMP90038 Algorithms and Complexity	Not offered 2011	12.50	SINF90001 Database Systems & Information Modelling	Not offered 2011	12.50
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COMP90041 Programming and Software Development	Not offered 2011	12.50													
COMP90038 Algorithms and Complexity	Not offered 2011	12.50													
SINF90001 Database Systems & Information Modelling	Not offered 2011	12.50													
Corequisites:	None														
Recommended Background Knowledge:	<table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>COMP90007 Internet Technologies</td><td>Not offered 2011</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	COMP90007 Internet Technologies	Not offered 2011	12.50						
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COMP90007 Internet Technologies	Not offered 2011	12.50													
Non Allowed Subjects:	433 421 Web Technologies and Applications														
Core Participation Requirements:	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: http://www.services.unimelb.edu.au/disability/														
Coordinator:	Assoc Prof James Bailey														
Contact:	Dr Adrian Pearce email: adrianrp@unimelb.edu.au (mailto:adrianp@unimelb.edu.au)														
Subject Overview:	Topics covered include: Web software architectures. Languages and standards for data on the World Wide Web: HTTP, XML, XSL, XQuery, XLink and XPath. The Semantic Web and RDF. Web mining and crawling.														
Objectives:	On successful completion students should have: # Acquired an understanding of the concepts and technologies underpinning the World Wide Web # Be able to explain the key technologies and standards underpinning the World Wide Web # Be able to explain current techniques used for data mining and querying data on the Web														
Assessment:	Project work during semester of approximately 48-hours (50%) and one 2-hour written examination at the end of semester (50%).														
Prescribed Texts:	None														
Breadth Options:	This subject is not available as a breadth subject.														

Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	On successful completion students should: <ul style="list-style-type: none"># Be able to explain the key technologies and standards underpinning the World Wide Web# Be able to explain current techniques used for data mining and querying data on the Web# Be able to research a technical topic and give oral and written presentations of the topic# Be able to undertake problem identification, formulation and solution
Notes:	Credit may not be gained for both 433-421: Web Technologies and Applications and COMP90010 Web Technologies and Applications
Related Course(s):	Bachelor of Computer Science (Honours) Master of Engineering in Distributed Computing Master of Information Technology Master of Software Systems Engineering Postgraduate Certificate in Engineering