

SINF30007 Distributed Information

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: 1 x two hour lecture and 1 x two hour workshop per week, plus up to 6 hours per week of additional study and group work Total Time Commitment: Estimated total time commitment of 120 hours						
Prerequisites:	One of <table border="1" data-bbox="389 577 1485 723"> <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> <p># 615-230 Database Concepts (prior to 2009)</p>	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:	None						
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 participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.						
Coordinator:	Dr Atif Ahmad, Dr Sean Maynard						
Contact:	Email: seanbm@unimelb.edu.au (mailto:seanbm@unimelb.edu.au) Email: atif@unimelb.edu.au (mailto:atif@unimelb.edu.au)						
Subject Overview:	The aim of this subject is to develop an understanding of how to access and integrate information from geographically distributed sources. The subject imparts theory on the effective deployment of technologies; the nature of distributed cognitive work; knowledge management; management of virtual teams; and related security aspects. Other topics may include: communication standards and frameworks; using and integrating distributed information sources; distributed web application platforms; and web collaboration tools and groupware. Students will develop knowledge of a broad range of collaborative tools and technologies and their application in specific settings.						
Objectives:	On completion of this subject students should be able to: <ul style="list-style-type: none"> # understand the effective use of teams in project work # understand the underlying standards and frameworks for simple Internet based distributed systems # understand modern technologies that support collaborative teamwork # understand and demonstrate an information system that makes use of distributed resources 						
Assessment:	Individual participation 10% (throughout the semester); group work comprised of written seminar papers (up to 5 pages in length, 10%) and oral presentations (up to 90 minutes long, 10%)						

	throughout the semester; a practical, programming based group assignment (10%) due at end of semester; written examination of two hours (60%) during the examination period. Satisfactory completion of both project work and the examination is necessary to pass the subject.
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 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 analyse and solve real-world problems with computers; # the ability to synthesise information and communicate results effectively; # the ability to work effectively as a member of a project team # the capacity for critical and independent thought and reflection # the capacity to communicate, both orally and in writing # the capacity to plan and manage time # the capacity to solve problems, including through the collection and evaluation of information
Notes:	This subject is available for science credit to students enrolled in the BSc (new degree).
Related Course(s):	Bachelor of Information Systems Bachelor of Science Bachelor of Science and Bachelor of Information Systems
Related Majors/Minors/Specialisations:	Science Informatics