COMP90015 Distributed Systems

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 36 hours, comprising of two hours of lectures and one hour of tutorial/laboratory classes per week Total Time Commitment: 120 hours
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 2013</td><td>12.50</td></tr><tr><td>COMP90038 Algorithms and Complexity</td><td>Not offered 2013</td><td>12.50</td></tr><tr><td>COMP90007 Internet Technologies</td><td>Not offered 2013</td><td>12.50</td></tr></table> **OR** Equivalent subjects
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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: http://services.unimelb.edu.au/disability
Contact:	Email: **aharwood@unimelb.edu.au (mailto:aharwood@unimelb.edu.au)**
Subject Overview:	The subject aims to provide an understanding of the principles on which the Web, Email, DNS and other interesting distributed systems are based. Questions concerning distributed architecture, concepts and design; and how these meet the demands of contemporary distributed applications will be addressed.
Objectives:	On complection of the subject students should: # Have an understanding of the principles and paradigms underlying distributed software systems. # Obtain experience developing distributed applications.
Assessment:	ILO1 and ILO2 are addressed by extensive Project work of approximately 60 hours during semester (40%), which reinforce lecture content and develop programming and writing skills. Project work is assessed in stages throughout the semester, with half of the work typically due in Week 8 and the remaining work due in Week 12. ILO1 is further addressed by a 3-hour written examination (60%).To pass the subject, students must obtain at least:50% overall.20/40 in the Project work30/60 in the end-of-semester written examination

Prescribed Texts:	None
Recommended Texts:	TBA
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 completion of this subject students should: # Ability to undertake problem identification, formulation and solution # Capacity for independent critical thought, rational inquiry and self-directed learning # Profound respect for truth and intellectual integrity, and for the ethics of scholarship
Related Course(s):	Master of Engineering in Distributed Computing Master of Information Technology Master of Information Technology Master of Philosophy - Engineering Master of Science (Computer Science) Master of Software Systems Engineering Ph.D.- Engineering Postgraduate Certificate in Engineering
Related Majors/Minors/ Specialisations:	Computer Science Master of Engineering (Software)