COMP90019 Distributed Computing Project

Credit Points:	25
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2015, 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: Regular contact (at least once a week) with the project supervisor. Total Time Commitment: 400 hours

Prerequisites:	Enrolment in the *Distributed Computing* specialisation of the *Master of Information Technology*, with completion of 50 points of Computing and Information Systems subjects at graduate level excluding the following subjects:
	
	  # COMP90007 Internet Technologies
	  # COMP90038 Algorithms and Complexity
	  # COMP90041 Programming and Software Development
	  # SINF90001/INFO90002 Database Systems and Information Modelling
	
	Students should negotiate a project topic with a project supervisor well before the start of each semester. Students should then prepare a proposal to present their case to enrol to the subject and also to document the project timeline and details.
	
	Students need to obtain the approval of the degree coordinator on their proposal by the first week of the semester to be able to enrol to this subject

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
Coordinator:	Prof James Bailey
Contact:	email: **baileyj@unimelb.edu.au (mailto:baileyj@unimelb.edu.au)**
Subject Overview:	This subject involves in-depth investigation of a significant problem related to distributed computing. The subject also provides students with skills and knowledge for analysing and solving problems, and enhanced written and oral communication skills. The subject is fundamentally a research-based project, giving a capstone experience and piece of scholarship to students.
Learning Outcomes:	On completion of this subject the student is expected to: # Independently investigate topic areas relating to distributed computing

	# Synthesise work related to the topic of study # Write and present a proposal and report
Assessment:	A project proposal of 800-1000 words, due at the end of week 1, requiring approximately 25-30 hours (10%) A 20 minute presentation of the project, including answering audience questions, held in week 12, requiring approximately 25-30 hours (10%) A project report of 8000 - 10000 words, requiring 170-180 hours of work, due in week 12 (80%).
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 completion of this subject students should: # Have the ability to function effectively as an individual and in multi-disciplinary and multi-cultural teams, with the capacity to be a leader or manager as well as an effective team member # Be able to undertake problem identification, formulation and solution # Have a capacity for independent critical thought, rational inquiry and self-directed learning # Have a profound respect for truth and intellectual integrity, and for the ethics of scholarship.
Related Course(s):	Master of Information Technology Master of Information Technology Master of Philosophy - Engineering Ph.D.- Engineering
Related Majors/Minors/ Specialisations:	MIT Distributed Computing Specialisation