COMP90055 Computing Project

Credit Points:	25
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Summer Term, Parkville - Taught on campus. Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Regular contact of at least one hour per week with a 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 # INFO90002/SINF90001 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:	**Subject** / **Study Period Commencement:** / **Credit Points:** GEOM90017 Spatial Industry Internship / Summer Term, Semester 1, Semester 2, Winter Term / 12.50
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 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 Computing # Synthesise work related to the topic of study # Write and present a proposal and report
Assessment:	One 800 - 1000 word project proposal, due at the end of week 1, requiring approximately 25-30 hours of work (10%) A 20 minute presentation of the project, including answering audience questions, due in week 12, requiring approximately 25-30 hours of preparation (10%) A project report of 8000-10,000 words project report, due week 12, requiring approximately 300 - 320 hours of work (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: # 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 # Be able to present work in written form; and # Be able to present work orally and answer questions about it
Related Course(s):	Master of Information Technology Master of Information Technology
Related Majors/Minors/ Specialisations:	MIT Computing Specialisation