433-520 Programming and Software Development

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 3 hours per week; Non-contact time commitment: 84 hours Total Time Commitment: Not available
Prerequisites:	None
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:	Assoc Prof B Nath
Subject Overview:	Topics covered include algorithmic problem-solving; data types; program structures; objects and classes; data storage structures, and files. The programming will be undertaken in Java.
Assessment:	Project work during semester expected to take approximately 36 hours (40%) and one 2-hour written examination at the end of the semester (60%). Details of assessment components will be advised at the commencement of the subject. Both components must be completed satisfactorily to pass the subject.
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 will have: # developed an understanding of approaches to solving moderately complex problems with computers # be able to demonstrate proficiency in designing and writing programs using a programming language
Related Course(s):	Graduate Certificate in Information Systems Master of Engineering in Distributed Computing Master of Information Systems Master of Information Technology Master of Information Technology