

615-240 Concepts in Software Development II

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus. Scheduled class meetings, practical classes and independent study, supported by lecture notes, audio recordings (where available) in consultation with an allocated staff member.
Time Commitment:	Contact Hours: 12 hours of scheduled class meetings, plus additional consultation time and 22 hours of practical work. Total Time Commitment: 120 hours total time commitment.
Prerequisites:	615-145 Concepts in Software Development I.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	Students cannot gain credit for both this subject and either 615-241 or 433-254.
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 active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.
Coordinator:	Ms Rachelle Bosua
Subject Overview:	This subject is an introduction to object-oriented design and programming techniques, and discussion of the software development life cycle and the tools available to facilitate software development.
Objectives:	At the completion of this subject, students should: <ul style="list-style-type: none"> # be familiar with the use of common high-level language constructs; # be familiar with the basic concepts of object-oriented languages; # be familiar with the basic constructs of the Unified Modelling Language; # have gained a better understanding of Software Developer work practices; # be able to design, write, test, and debug non-complex OO programs; and # be able to use a range of software development tools.
Assessment:	Individual and group project work of up to 6 hours per week during the semester (50%); a 3-hour written examination in the examination period (50%). Submission of all assignments during semester and satisfactory completion of the examination are necessary 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
Notes:	Students enrolled in the BSc (pre-2008 degree), BASc or a combined BSc course (except for the BSc/ BIS) will receive science credit for the completion of this subject. This subject is only available by invitation from the Head of Department.

