

615-240 Concepts in Software Development II

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 24 lectures (two per week), 12 group consultations (two hours per week) and laboratory work (one hour per week). Additional, optional demonstration lectures to assist students with technical concepts will be provided during the semester Total Time Commitment: 120 hours
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:	Dr Sandrine Balbo
Subject Overview:	<p>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.</p> <p>At the completion of this subject, students should:</p> <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
Related Course(s):	Bachelor of Information Systems