

615-363 Mobile Computing Applications

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus. Lectures and tutorial/practical sessions.
Time Commitment:	Contact Hours: 1 lecture and up to 4 hours of tutorial/practical sessions per week plus up to 5 hours per week of additional study and project work Total Time Commitment: 120 hours total time commitment.
Prerequisites:	615-240 Concepts in Software Development II, 615-237 Telecommunication Concepts, 615-252 Electronic Commerce.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
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:	Assoc Prof Rens Scheepers
Subject Overview:	<p>Mobile and wireless computing technologies have opened up new possibilities in terms of where, when, and how information technology is used. The application domains of mobile computing span individual, organisational and societal contexts. The aim of this subject is to expose students to mobile computing from the perspectives of underlying technology, wireless environments, application design, and evaluation of the derived business benefits.</p> <p>Students should develop the necessary technical skills to design, implement and evaluate the business benefits of a prototype application based on mobile and wireless technologies. In addition, students will be exposed to various forms and uses of these technologies. Students interested in the interaction design and usability issues of mobile appliances should also consider enrolling in the complementary subject, 615-348.</p> <p>A component of the work undertaken is a group-based project.</p>
Objectives:	.
Assessment:	Ongoing assessment of project work throughout the semester: group work of up to 5000 words (20%) and individual work of up to 2000 words (20%); a 2-hour written examination in the examination period (60%). Satisfactory completion of both project work and the examination is necessary to pass the subject.
Prescribed Texts:	None
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2009/D09) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2009/F04) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05)

	You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
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