615-652 Emerging Technologies and Issues

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus. Lectures
Time Commitment:	Contact Hours: 3 hours per week Total Time Commitment: 10 hours per week
Prerequisites:	(615-501/2 Fundamentals of Information Systems and 433-520 Programming and Software Development and 303-662 Information Processes & Control or 615-5XY Advanced Organisational Processes [Not available in 2008. Available in semester two 2009]) OR Sufficient to qualify for entry to the Postgraduate Certificate of Information Systems
Corequisites:	(615-680 Information Technology Infrastructure and 615-681 Business Analysis, Modelling, and Design) OR Sufficient to qualify for entry to the 100-point Master of Information Systems.
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:	Dr Rens Scheepers
Subject Overview:	As with many other forms of technology, information technologies have lifecycles ranging from initial conception, possible adoption and widespread use in industry, to eventual obsolescence. This subject will address emerging information technologies, how they evolve, and their likely future effect on industry. Topics covered will include the accuracy of past technology forecasts, how to improve them, international perspectives on emerging information technologies, standardisation, future organizational and customer trends and several technology forecasting mechanisms and considerations. Upon completion of this subject, students should be able to: 1. understand key enabling technologies and describe how to promote technology-enabled business endeavors and initiatives; 2. describe ways of leveraging the technology to improve intra and inter-organizational processes and enhance a firm's competitive position; 3. describe how to take advantage of opportunities through emerging technologies, and explain the factors that influence how relevant an emerging technology will be in the long run.
Assessment:	Written assignments and project work totalling no more than 6000 words due during the semester (60%); a 2-hour written examination in the examination period (40%). Further details will be made available to students prior to the commencement of the subject.
Prescribed Texts:	There are no prescribed texts for this subject.
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:	Students should develop skills in literature search and analysis, critical thinking and independent learning.
Links to further information:	http://www.dis.unimelb.edu.au/current/postgrad/subjects/index.html

Notes:	**Student Feedback**
	We welcome your comments about this subject - things you liked and things you think we could improve on. You can provide this feedback in several ways:
	# speaking directly to the lecturer
	# speaking to your student representative or the MIS/MIT Program Director
	# completing the Quality of Teaching survey administered towards the end of each subject
	The feedback provided by students in these ways will be communicated to lecturers and taken into account in subject planning and staff training.
Related Course(s):	Master of Information Systems Master of Information Systems Master of Information Systems (Coursework) Master of Information Technology Master of Information Technology Postgraduate Certificate in Information Systems Postgraduate Diploma in Information Systems