

## ISYS90032 Emerging Technologies and Issues

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2012, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus. Lectures
<b>Time Commitment:</b>	Contact Hours: 36 hours total (block mode), Standard semester. Total Time Commitment: 120 hours over the semester.
<b>Prerequisites:</b>	Students who are enrolled in the two year 200 point Master of Information Systems must have completed 50 points of study to enrol in this subject.
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements for this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Coordinator:</b>	Prof Steve Howard
<b>Contact:</b>	Email: <a href="mailto:showard@unimelb.edu.au">showard@unimelb.edu.au</a> ( <a href="mailto:showard@unimelb.edu.au">mailto:showard@unimelb.edu.au</a> )
<b>Subject Overview:</b>	<p>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.</p> <p>Upon completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> <li># understand key enabling technologies and describe how to promote technology-enabled business endeavors and initiatives;</li> <li># describe ways of leveraging the technology to improve intra and inter-organizational processes and enhance a firm's competitive position;</li> <li># 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.</li> </ul>
<b>Objectives:</b>	<p>Upon completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> <li># understand key enabling technologies and describe how to promote technology-enabled business endeavours and initiatives;</li> <li># describe ways of leveraging the technology to improve intra and inter-organizational processes and enhance a firm's competitive position;</li> </ul>

	# 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.
<b>Assessment:</b>	A group case study of 3000 words due after week 3 of semester (15%); an individual case study of 5000 words due mid-semester (25%); a 2 hour written examination in the examination period (60%).
<b>Prescribed Texts:</b>	There are no prescribed texts for this subject.
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	Students should develop skills in literature search and analysis, critical thinking and independent learning.
<b>Links to further information:</b>	<a href="http://www.cis.unimelb.edu.au">http://www.cis.unimelb.edu.au</a>
<b>Related Course(s):</b>	Bachelor of Information Systems (Degree with Honours) Master of Business Administration/Master of Information Systems Master of Information Systems Master of Information Systems Master of Information Systems Master of Information Systems/Postgraduate Diploma in Management Master of Science (Information Systems) Postgraduate Certificate in Information Systems