

## 615-140 Technologies for Information Systems

<b>Credit Points:</b>	12.500
<b>Level:</b>	Undergraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. By independent study, supported by lecture notes and audio recordings, in consultation with an allocated staff member, as well as practical work
<b>Time Commitment:</b>	Contact Hours: 12 hours of scheduled class meetings, plus additional consultation time and 22 hours of practical work. Total Time Commitment: 120 hours
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	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.
<b>Coordinator:</b>	Dr Frank Vetere
<b>Subject Overview:</b>	This subject focuses on the technological aspects of Information Systems. On completion, students will gain an understanding of the components of modern technological infrastructures, such as relevant hardware, software, data structures, networks, telecommunications and internet systems. Students will also study appropriate development methods for creating and implementing Information Systems. Much of this knowledge is learned through XML constructs. Students develop practical XML-based skills (including XML Schema, CSS, XHTML and XSLT) for building data repositories and managing their effective use.
<b>Assessment:</b>	Assignments involving written answers to questions totalling approximately 4000 words (15%) and practical work (15%) due during the semester; a group assignment involving practical work (12%), two short presentations (5%) and a written report of 1000-2000 words (3%) due at the end of the semester; a 2-hour written examination in the examination period (50%). Satisfactory completion of the weekly assignments, group assignment and final examination is necessary to pass this subject. Students are expected to attend, as a minimum, at least one face-to-face class per week. This is a hurdle requirement, and must be met for a minimum of 80% of the semester.
<b>Prescribed Texts:</b>	None
<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>Notes:</b>	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.
<b>Related Course(s):</b>	Bachelor of Information Systems