ISYS90076 IT Infrastructure for eHealth

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 36 hours Total Time Commitment: 120 hours
Prerequisites:	**Subject** / **Study Period Commencement:** / **Credit Points:** ISYS90069 eHealth & Biomedical Informatics Systems / July / 12.50
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Contact:	Dr Kathleen Gray Email: **kgray@unimelb.edu.au (mailto:kgray@unimelb.edu.au)**
Subject Overview:	This subject develops technical capabilities required for sound decision-making about ehealth solutions and applications. It reviews the building blocks of hardware, software and networks. It identifies requirements for interoperability of systems and integration of information; explores emerging platforms for ehealth solutions and applications; and outlines technical management and governance issues.
Objectives:	On successful completion of this subject students should be able to: # Work effectively with ehealth infrastructure concepts and components # Identify requirements for interoperability of ehealth systems and data integration # Analyse and synthesise technical knowledge to create enabling environments for real-world ehealth systems
Assessment:	Five written reports based on individual computer-based learning tutorials / practical activities, around 500 words each (2500 words total), submitted in weeks 3,5,7,9 and 11 (50%). Addresses ILO 2. Report (2000 words) on ehealth infrastructure design project and Powerpoint presentation for class peer review in the last week of classes (50%). Group projects are optional. Each member will get the same mark. 1000 additional words and 5 additional minutes of class presentation are required for each extra person, i.e. 2 people = 3000 words + 15-minute presentation; 3 people = 4000 words + 20-minute presentation, etc. Addresses ILOs 1 and 3. To pass the subject, students must obtain at least 25/50 in each of these 2 components.
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
Generic Skills:	# Understanding of global issues relating to ehealth # The ability to work across different disciplines # Excellent in-depth knowledge to support responsible leadership
Related Course(s):	Master of Information Technology Master of Information Technology