SINF20002 Telecommunications Concepts

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus. Scheduled class meetings and independent study, supported by lecture notes, audio recordings (where available) in consultation with an allocated staff member.
Time Commitment:	Contact Hours: 12 hours of scheduled class meetings, plus additional consultation time. Total Time Commitment: Estimated total time commitment of 120 hours
Prerequisites:	One of | Subject	Study Period Commencement:	Credit Points:
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INFO10001 Informatics 1: Practical Computing	Semester 1, Semester 2	12.50	 # 615-145 Concepts of Software development 1 (prior to 2009)
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:	Dr Atif Ahmad
Contact:	Email: **atif@unimelb.edu.au (mailto:atif@unimelb.edu.au)**
Subject Overview:	This subject is only available by invitation from the Head of Department. This subject provides participants with an understanding of the concepts of information and communication technologies (ICTs) within a contextual framework. Subject topics are predominantly technical pertaining to communications networks.

Objectives:	At the completion of this subject, students should understand and be able to discuss:
	
	  # the fundamentals of communications networks;
	  # the international standards and protocols required to achieve network interconnection and interoperability;
	  # network and organisational security; and
	  # the emerging technologies and issues in the telecommunications environment.

Assessment:	Individual and group tasks comprising active participation (40%)and presentations (20%) due throughout the semester; a 2-hour written examination in the examination period (40%).
Prescribed Texts:	None

Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses:
	
	  # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2010/B-ARTS)**
	  # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2010/B-COM)**

	# **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2010/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2010/B-MUS)** 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
Related Course(s):	Bachelor of Information Systems Bachelor of Science and Bachelor of Information Systems