

615-110 Foundations of Information Systems

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 24 lectures (two per week) and 11 tutorials (one per week) Total Time Commitment: 120 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	Students may not gain credit for both 615-110 and any of 615-120 Introduction to Information Systems (prior to 2004), 103-100 or 103-001 Computer Applications or 103-002 Internet Applications.
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:	Reeva Lederman
Subject Overview:	<p>The subject presents the foundations of information systems. The subject focuses on conceptual (systems thinking), organisational (culture and competitiveness), economic (cost structures), managerial (outsourcing and strategic processes), and societal (legal, ethical and security issues) aspects of information systems.</p> <p>At the completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> # view the organisation as an information processing system designed to manage environmental uncertainty; # discuss the use of IS for automation, integration, organisational learning, reengineering, and strategy; # understand the economic characteristics of the information economy; # explain the operating, managerial and strategic processes associated with IS management; and # describe the ethical concerns associated with information privacy, accuracy, intellectual property, and accessibility. <p>In addition to these subject-related skills, students should acquire or extend other valuable, generic skills. These include:</p> <ul style="list-style-type: none"> # problem-solving skills; and # working in teams to allocate duties and achieve specified goals.
Assessment:	A group project (of 3-4 members) of 2000 words due during the semester (20%); a 2-hour written examination in the examination period (50%); an individual assignment of 1500 words due during the semester (20%); an individual assignment based on tutorial work during the semester (10%); Satisfactory completion of the examination and attendance of at least 80% of tutorials is necessary to pass the subject.

Prescribed Texts:	None
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"># Bachelor of Arts# Bachelor of Biomedicine# Bachelor of Environments# Bachelor of Music# Bachelor of Science# Bachelor of Engineering <p>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.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	Commerce degree students are not permitted to enrol in this subject, except BCom/BIS students, where this subject is a core component.
Related Course(s):	Bachelor of Information Systems