

451-113 Computer Systems and Graphics

Credit Points:	12.50
Level:	1 (Undergraduate)
Dates & Locations:	This subject is not offered in 2009.
Time Commitment:	Contact Hours: Twenty-four hours of lectures and 24 hours of laboratory sessions. Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>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.</p> <p>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</p></p>
Subject Overview:	<p>The objective of this subject is to provide students with a clear understanding of a range of computer hardware, operating systems and network software applicable to later coursework and professional activities.</p> <p>Topics covered include introduction to basic computer hardware components and configurations; an introduction to the Windows and Unix operating systems; presentation managers, window systems and graphical user interfaces; computer networks and Internet applications; worldwide web authoring and web page design; aspects of physical and cognitive ergonomics; multimedia and virtual reality; and CAD software with particular emphasis on geomatics applications.</p>
Assessment:	An online test completed at the end of semester (20%) web-based portfolio of 6 assignments (each worth 10%). Final submission of web-based portfolio at the end of semester (20%).
Prescribed Texts:	None
Recommended Texts:	Information Not Available
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:	<ul style="list-style-type: none"> # ability to communicate effectively, not only with engineers but also with the community at large # ability to undertake problem identification, formulation and solution # ability to utilise a systems approach to design and operational performance # intellectual curiosity and creativity, including understanding of the philosophical and methodological bases of research activity