

<b>Module Code</b>	SS-3401		
<b>Module Title</b>	Discovering Computers		
<b>Degree/Diploma</b>	Undergraduate GenNEXT Bachelor degree		
<b>Type of Module</b>	Breadth		
<b>Modular Credits</b>	4	<b>Total Student Workload</b>	10 hours/week
		<b>Contact Hours</b>	4 hours/week
<b>Pre-requisite</b>	None		
<b>Anti-requisite</b>	None		
<b>Aims</b>			
To provide an understanding of basic concepts of computer systems and computer applications.			
<b>Learning Outcomes</b>			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	20%	<ul style="list-style-type: none"> <li>- explain the fundamentals of computers and computer nomenclature</li> <li>- appreciate the impact of using computers to society in general</li> </ul>	
Middle order :	60%	<ul style="list-style-type: none"> <li>- analyse and discuss the latest cutting edge technology in computer science applications</li> <li>- understand some basic programming concepts</li> </ul>	
Higher order:	20%	<ul style="list-style-type: none"> <li>- use of current technologies and applications such as WWW, network applications and Internet applications</li> <li>- write simple programs</li> </ul>	
<b>Module Contents</b>			
<ul style="list-style-type: none"> <li>- Applications of computers such as in education, government, science, business and industry</li> <li>- Internet applications such as the World Wide Web, email, newsgroup and chat rooms</li> <li>- Personal, business and educational application software such as multimedia, entertainment and office application suite; Computer components: memory, processors, input devices, output devices and storage devices System software: operating systems and administrator tools;</li> <li>- Computer ethics: e-crimes, data protection and privacy; System development: development cycle, development tools</li> </ul>			
<b>Assessment</b>	Formative assessment	Interactive Quizzes and Feedback	
	Summative assessment	Examination: 50%	
		Coursework: 50% <ul style="list-style-type: none"> <li>- 2 class tests (30%)</li> <li>- 2 written assignments (20%)</li> </ul>	