

<b>Faculty</b>	Economic & Management Sciences		
<b>Home Department</b>	Information Systems		
<b>Module Topic</b>	Tools of the Digital Era		
<b>Generic Module Name</b>	Tools of the Digital Era 703		
<b>Alpha -numeric Code</b>	<b>ISE703</b>		
<b>NQF Level</b>	8		
<b>NQF Credit Value</b>	15		
<b>Duration</b>	Semester		
<b>Proposed semester to be offered</b>	First Semester		
<b>Programmes in which module will be offered</b>	PGD in information Systems in e-Skills Development (1618)		
<b>Year Level</b>	1		
<b>Main Outcomes</b>	<p>On completion of this module students should be able to:</p> <ul style="list-style-type: none"> <li>• Demonstrate an understanding of the functioning of the information technology in business/organisations.</li> <li>• Describe the systems concept in information systems.</li> <li>• Demonstrate and understanding of the internets and the world wide web.</li> <li>• Demonstrate the modern application of the various types of information systems in business/organisations.</li> <li>• Demonstrate an understanding of the major trends in the development of the tools in the digital era.</li> </ul>		
<b>Main Content</b>	<ul style="list-style-type: none"> <li>• Information technology and its functioning in business/organisations at a user level (hardware [incl. mobile technology], software [operating systems; application software; utility programs]).</li> <li>• The systems concept in information systems.</li> <li>• Application of the internet and the World Wide Web in the 21st century.</li> <li>• Information systems – an overview of the various types of systems and their application in the modern business/organisation (inter alia business intelligence tools, the use of artificial intelligence [intelligent agents, neural networks, genetic algorithms], tools for knowledge management and collaboration, strategic enterprise management tools, customer relationship management tools).</li> <li>• Trends in the development of the tools of the digital era and tools of the future.</li> </ul>		
<b>Pre-requisite modules</b>	None		
<b>Co-requisite modules</b>	None		
<b>Prohibited module Combinations</b>	None		
<b>Breakdown of Learning Time</b>	<b>Hours</b>	<b>Timetable Requirement per week</b>	<b>Other teaching modes that does not require time-table</b>
Contact with lecturer / tutor:	30	<i>Lectures p.w.</i>	0
Assignments & tasks:	45	<i>Practicals p.w.</i>	0
Tests & examinations:	0	<i>Tutorials p.w.</i>	0
Practicals:	0		
Assessments	10		
Self-study	55		
Other: Group work	10		

<b>Total Learning Time</b>	<b>150</b>			
<b>Methods of Student Assessment</b>	Continuous Assessment (CA): 50% Final Assessment (FA): 50%			
<b>Assessment Module type</b>	Continuous and Final Assessment (CFA)			