

Bridging Exemption Test  
Module Outline

<b>Module: Information and Communication Technology (ICT)</b>	
<b>Overview:</b>	<p>The ICT test is a test that includes the parts of an information system: people procedure, software, hardware, data, and the internet. The questions will cover all the material that you learned in your basic computer-delivered course. Answering booklets will be provided during the exam.</p>
<b>Faculty / Programme Group:</b>	<ul style="list-style-type: none"><li>• Software Engineering</li><li>• Network and Security</li><li>• Graphic and Multimedia Software</li><li>• Artificial Intelligence</li><li>• Architecture and Landscape</li><li>• Real Estate</li><li>• Land and Quantity Surveying</li><li>• Urban and Regional Planning</li><li>• Geoinformation</li><li>• Industrial Design</li></ul>
<b>Topics Covered:</b>	<ul style="list-style-type: none"><li>• The System Unit</li><li>• Input &amp; Output Devices</li><li>• Secondary Storage</li><li>• System Software</li><li>• Basic and Specialized Application Software</li><li>• Programming Language</li><li>• Databases</li><li>• Privacy, Security &amp; Ethics</li><li>• Information Systems</li><li>• Communications and Networks</li><li>• The Internet, The Web and E-commerce</li></ul>
<b>Module Test Contents:</b>	<p><i>Format:</i></p> <ul style="list-style-type: none"><li>• Consists of three parts (100 marks). Part A: Multiple Choice Questions (33 marks) Part B: True/False Questions (7 marks) Part C: Structured Questions (60 marks)</li></ul> <p><i>Duration:</i> 3 hours</p>

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**References:**

1. Computing Essentials – Complete 2015, by O’Leary, O’Leary. McGraw Hill (Textbook).
2. Shelly, G.B., Cashman, T.J. & Vermaat, M. E., (2010) “Discovering Computers 2010 Complete”, Thomson Course Technology.
3. Computing Essentials – Complete 2010, by O’Leary, O’Leary. McGraw Hill.
4. Beekman, G. & Quinn, M. (2008) “Tomorrow's Technology and You, Complete” 8th Edition, Pearson.
5. Daley, B. A., (2008) “Computers Are Your Future, Complete”, Pearson.