

Bridging Exemption Test  
Module Outline

***Module: Information and Communication Technology (ICT)***

**Overview:**

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.

**Faculty / Programme Group:**

- Software Engineering
- Network and Security
- Graphic and Multimedia Software
- Artificial Intelligence
- Architecture and Landscape
- Real Estate
- Land and Quantity Surveying
- Urban and Regional Planning
- Geoinformation
- Industrial Design

**Topics Covered:**

- The System Unit
- Input & Output Devices
- Secondary Storage
- System Software
- Basic and Specialized Application Software
- Programming Language
- Databases
- Privacy, Security & Ethics
- Information Systems
- Communications and Networks
- The Internet, The Web and E-commerce

**Module Test Contents:**

**Format:**

- 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)

**Duration:**

3 hours

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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.