

## ECDL / ICDL Module 1 - Concepts of Information and Communication Technology (ICT)



### WHAT IS ECDL / ICDL MODULE 1 - CONCEPTS OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)?

This module allows candidates to understand the main concepts of ICT at a general level and to know about the different parts of a computer.

On completion of this module the candidate will be able to:

- Understand what hardware is; know about factors that affect computer performance; know about peripheral devices.
- Understand what software is; give examples of common applications and operating systems software.
- Understand how information networks are used within computing; be aware of the different options to connect to the Internet.
- Understand what Information and Communication Technology (ICT) is and give examples of its practical applications in everyday life.
- Understand health and safety and environmental issues in relation to using computers.
- Recognise important security issues associated with using computers.
- Recognise important legal issues in relation to copyright and data protection associated with using computers.

### WHAT ARE THE BENEFITS OF THIS MODULE?

The following outlines the benefits of ECDL / ICDL Module 1 - Concepts of Information and Communication Technology (ICT):

- Covers the key skills needed to understand the main concepts of ICT at a general level and to know about the different parts of a computer.
- Certifies best practice in the use of Information and Communication Technology software.
- Developed with input from computer users, subject matter experts, and practising computer professionals from all over the world - ensures relevance and range of module content.

### HOW DO I GET STARTED?

To find out more about this module's syllabus and training materials and to locate your nearest accredited test centre, please visit

[www.icdlgcc.org/programmes](http://www.icdlgcc.org/programmes)

### SYLLABUS OVERVIEW

CATEGORY	SKILL SET
Hardware	<ul style="list-style-type: none"> <li>• Concepts</li> <li>• Computer Performance</li> <li>• Memory and Storage</li> <li>• Input, Output Devices</li> </ul>
Software	<ul style="list-style-type: none"> <li>• Concepts</li> </ul>
Networks	<ul style="list-style-type: none"> <li>• Network Types</li> <li>• Data Transfer</li> </ul>
ICT in Everyday Life	<ul style="list-style-type: none"> <li>• Electronic World</li> <li>• Communication</li> <li>• Virtual Communities</li> <li>• Health</li> <li>• Environment</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Identity/Authentication</li> <li>• Data Security</li> <li>• Viruses</li> </ul>
Law	<ul style="list-style-type: none"> <li>• Copyright</li> <li>• Data Protection</li> </ul>

