



This module allows candidates to understand the main concepts underlying the secure use of ICT in daily life and to use relevant techniques and applications to maintain a secure network connection, use the Internet safely and securely, and manage data and information appropriately.

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

- Understand the key concepts relating to the importance of secure information and data, physical security, privacy and identity theft.
- Protect a computer, device, or network from malware and unauthorised access.
- Understand the types of networks, connection types, and network specific issues, including firewalls.
- Browse the World Wide Web; communicate on the Internet securely.
- Understand security issues related to communications, including e-mail and instant messaging.
- Back up and restore data appropriately and safely; securely dispose of data and devices.

#### WHAT ARE THE BENEFITS OF THIS MODULE?

- Covers the skills needed to understand the key concepts relating to the importance of secure information and data, physical security, privacy, and identity theft.
- Certifies best practice in IT security.
- Developed with input from computer users, subject matter experts, and practising computer professionals from all over the world. This process ensures the relevance and range of module content.

#### HOW DO I GET STARTED?

To find out more about this module and to locate your nearest accredited test centre, please visit [www.icdlarabia.org/modules](http://www.icdlarabia.org/modules).

#### SYLLABUS OUTLINE

CATEGORY	SKILL SET
Security Concepts	<ul style="list-style-type: none"> <li>• Data Threats</li> <li>• Value of Information</li> <li>• Personal Security</li> <li>• File Security</li> </ul>
Malware	<ul style="list-style-type: none"> <li>• Definition and Function</li> <li>• Types</li> <li>• Protection</li> </ul>
Network Security	<ul style="list-style-type: none"> <li>• Networks</li> <li>• Network Connections</li> <li>• Wireless Security</li> <li>• Access Control</li> </ul>
Secure Web Use	<ul style="list-style-type: none"> <li>• Web Browsing</li> <li>• Social Networking</li> </ul>
Communications	<ul style="list-style-type: none"> <li>• E-mail</li> <li>• Instant Messaging</li> </ul>
Secure Data Management	<ul style="list-style-type: none"> <li>• Securing and Backing Up Data</li> <li>• Secure Destruction</li> </ul>

