® ECDL

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.ecdl.org/programmes.

SYLLABUS OUTLINE

CATEGORY	SKILL SET
Security Concepts	• Data Threats • Value of Information • Personal Security • File Security
Malware	• Definition and Function • Types • Protection
Network Security	• Networks • Network Connections • Wireless Security • Access Control
Secure Web Use	• Web Browsing • Social Networking
Communications	• E-mail • Instant Messaging
Secure Data Management	• Securing and Backing Up Data • Secure Destruction