

CYBER SECURITY



This module will help candidates understand online security and start to protect their digital life, whether at home or at work.

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

- Understand online risk, and basic security concepts, including data threats, the value of information, personal security, and file security
- Know what Malware is, recognise types of malware, understand how to stay protected against malware, and methods to remove malware
- Understand the basics of network security, including networks and connections, and wireless security
- Undertake information access control through various methods, and manage passwords effectively
- Use the web securely through browser settings, and adopting browsing best practices
- Secure communications channels such as Email, Social Networking, VoIP, Instant Messaging, and Mobile
- Implement secure data management practices, including securing and backing up data, and securely deleting/destroying data
- Understand common threats to citizens' security, including Online Addiction, and Online Radicalisation
- Know what the vital components of a Cyber Security policy are

WHAT ARE THE BENEFITS OF THIS MODULE?

- Covers the key information and skills needed to stay secure and keep information safe from miscreants online
- Can be applied in various personal and professional scenarios where Cyber Security is essential.
- Certifies best practice in Cyber 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

SYLLABUS OUTLINE

CATEGORY	SKILL SET
Security Concepts	<ul style="list-style-type: none"> • Data Threats • Value of Information • Personal Security • File Security
Malware	<ul style="list-style-type: none"> • Types and Methods • Protection • Resolving and Removing
Network Security	<ul style="list-style-type: none"> • Networks and Connections • Wireless Security
Access Control	<ul style="list-style-type: none"> • Methods • Password Management
Secure Web Use	<ul style="list-style-type: none"> • Browser Settings • Secure Browsing
Communications	<ul style="list-style-type: none"> • E-mail, Social Networking, VoIP and Instant Messaging, and Mobile
Secure Data Management	<ul style="list-style-type: none"> • Secure and Back up Data • Secure Deletion and Destruction
Identity	<ul style="list-style-type: none"> • Personal Identity • Sharing Devices
Citizen Protection	<ul style="list-style-type: none"> • Videos/Blogs • Cyber Bullying • Virtual Behaviour & Responsibility • Online Addiction • Online Radicalisation
Identity	<ul style="list-style-type: none"> • Personal Identity • Sharing Devices

HOW DO I GET STARTED?

To find out more about this certification, please visit www.icdlarabia.org/certifications

To locate your nearest accredited test centre, please visit www.icdlarabia.org/find-test-centre