



CYBER SECURITY

in preparation for the international ICDL exam



Duration: Saturday Morning Classes (08:30 – 12:30) for a period of 8 weeks

About this programme

Cyber security allows students to understand the main concepts underlying the secure use of ITC in daily life and the use of relevant techniques and applications to maintain a secure network connection, use the internet safely and securely, and manage data and information appropriately.

For individuals and organisations, securing data and information is highly important as it is valuable. You need to have the appropriate knowledge, skills and awareness to protect them. This course is in preparation of the international ICDL exam.

Who is the ICDL?

The International Certificate of Digital Literacy (ICDL) is an internationally recognised certificate that certifies practical skills in the most used computer applications. It is the most widely recognised computer qualification in the world with more than three million people acquiring this qualification. The ICDL Foundation is a global social enterprise dedicated to raising digital competence standards in the workforce, education and society. The ICDL certification is now available in over 100 countries, across their network of more than 20,000 test centres, delivering over 70 million ICDL certification tests to more than 16 million people.

Programme outline

The following topics will be covered in the programme:

- Understand the importance of keeping information and data secure
- Identify common data/privacy protection, retention and control principles
- Recognise threats to personal security from identity theft
- Threats to data from using cloud computing
- Passwords and encryption to secure files and data
- Understand the threat of malware and be able to protect a computer, device or network from malware and address malware attacks
- Recognise common network and wireless security types and be able to use personal firewalls and personal hotspots
- Protect a computer or device from unauthorised access and be able to safely manage and update passwords
- Use appropriate web browser settings and understand how to authenticate websites and browse the web securely
- Understand communication security issues that can arise from using e-mail, social networks, voice over Internet protocol, instant messaging and mobile devices
- Backup and restore data to local and cloud storage locations
- How to dispose of data and devices securely

Admission requirements

You are required to have knowledge, comprehension and application of the English language at NQF Level 2, Grade 10 or equivalent. Basic computer knowledge and mouse-skills are essential.

How will I be certified on completion of this programme?

On successful completion of the programme you will be awarded the **Unigrad College Short Learning Programme Certificate in Cyber Security Fundamentals**

Programme fee

Contact Unigrad and speak to any student career consultant for course fee information.

Are there any additional costs?

Prescribed course material, lectures and Unigrad College assessment fees are **included**. You have the option to write the international ICDL exam and receive an additional ICDL certificate, additional ICDL fee of R 920 apply.

What is a Short Learning Programme?

The modern business world demands a vast variety of skills and abilities. Unigrad offers an extensive range of short learning programmes particularly designed to address these demands by enhancing the quality of skills and knowledge available to the workplace. These short learning programmes are typically aimed at working adults, or those seeking employment and whilst they are not full qualifications, such as those appearing on the NQF and registered with SAQA, their benefit lies in their rapid and significant improvement to skill and knowledge levels of the student. This makes short learning programmes ideal for people who need to upgrade their CV's, but do not have the time or finances to engage in a lengthy course of study.

Accreditation

Unigrad (Pty) Ltd is accredited by the Quality Council for Trades and Occupations (QCTO) NATED/14/0054. The college is a registered examination centre with the Department of Higher Education and Training (DHET No: 699990686). Unigrad College is an ICDL accredited test centre.

Disclaimer

The information contained in this fact sheet is accurate at the time of printing. However, factors beyond the control of Unigrad (such as environmental, regulatory or technical changes) may cause the contents of this fact sheet, or of the programme to change. In the event of any such change, Unigrad will formally notify current students. All possible measures will be taken to minimise inconvenience to students.

I _____ (student/legal guardian), hereby acknowledge that I understand the information stated in this document and fully comprehend the specifics explained above pertaining to this programme.

Date: _____ student/legal guardian signature: _____