



/Pioneering Solutions Studio: CPD accredited Cyber Security course

THE IMPACT OF CYBERSECURITY AND AWARENESS ON MODERN BUSINESSES

In today's digital economy, it is vital that individuals and businesses understand potential cyber threats and how to avoid them. Increasing cyber awareness can have a significant impact on threat detection and security that could save reputation and finances, protect confidential data, and mitigate legal exposure to potential lawsuits.

With the world being more connected than ever before, every business and individual with an online presence is at risk of being a victim to cyber-attacks. According to SABRIC, the South African Banking Risk Information Centre, cyberattacks cost South Africa more than R2.2 billion annually. South Africans are susceptible to an average of 577 cyber-attacks an hour.

More than 90% of hacks today originate from email attacks, with employees opening as many as 23% of phishing emails. Given that 90% of cybersecurity breaches are due to human error, cyber-attacks such as viruses, malware, and other sophisticated techniques that rely on social engineering primarily targets unsuspecting employees who might inadvertently expose your organisation to attack.

As a nation with the 3rd highest number of Cyber-attacks globally, cybersecurity and cyber awareness prove to be critical business functions that will protect your IT systems and data and educate and help protect the employees who handle valuable information daily.

HOW WE CAN HELP YOUR ORGANISATION

Pioneering Solutions offers an online self-paced and CPD accredited Cyber Security course hosted on the ICTED.online Learner Management System.

The course is designed to accommodate and educate everyone, from staff who interact with these devices to fulfil daily tasks to IT specialists, to protect themselves and business data from being breached. Available as a full course or micro-courses as per the clients' request, which they can access for a year.

Developed by cybersecurity specialists, the course features online, interactive training with modules that battle-tested ethical corporate hackers have compiled. The course is available 24/7 from any web, mobile, or tablet device and features learning material covering real-life hacking environments with case studies and practical solutions.

COURSE OVERVIEW:

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| 1> Meet the Hacker
Social engineering
Threats and attacks
Types of hackers
Roles of the IT department
Individual attacks
Man-in-the-Middle | 3> Physical Security
Different attacks
USB bating
File formats
Antivirus and firewalls
Confidential information | 5> Personal Security
Antivirus and antimalware
SSL
Cookies and VPN
Identity theft
Targeted advertising and ad blocking
Cloud computing | 6> Mobile Security / The Internet of Things
Internet of Things
BYOD
Strong Passwords
Guest Wi-Fi
Update software
Reputable websites
Internet of Medical Things
Mobile device security | 7> Password Protection
Commonly used passwords
Authentication methods
Multifactor identification
Personal information in passwords
Hash process
Password manager |
| 2> Social Engineering
Educated internet users
Phishing attacks
Pharming attacks
Personal information | 4> Malware & Ransomware
Patient zero
Ransomware attacks | | | |

Cyber Security Course Benefits:

- 1>** Cyber Security Certificate and Badge awarded for course completion
- 2>** The Cyber Security course is available 24/7 and accessible from mobile, web, or tablet devices.
- 3>** Time, attendance, and completion reporting is available for your organisation
- 4>** All enrolled users have access to all course material, including relevant multi-media content
- 5>** Develop a culture of cyber-confident staff