PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: Certified Cyber Security Practitioner	**Course Duration**: 4.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: Certified Cyber Security Practitioner (C CS P)	

Course Syllabus

- Typical malware attacks and how to detect and respond to them.
- Adversarial behaviours and the frameworks used to understand malicious operations.
- Fundamental concepts of security operations and incident management.
- Digital forensic techniques and their application.
- Introducing cryptography.
- How security can be ensured at the operating system and hypervisor levels.
- Distributed systems security.
- Authorisation, authentication and accountability, and their relationship with access control.
- Prevention, detection and mitigation of cyber attacks on software applications.
- Web and mobile device cyber security.
- Secure software design and the secure software lifecycle.
- Implementing network security.
- Hardware security and how it is measured and protected.
- Research trends and characteristics in the (CPS) cyber-physical systems security field.
- Challenges and opportunities of physical layer and telecommunications security.

Course Overview

Do you want to significantly enhance your career prospects as a Cyber Security Manager? You can now train with Cyber Security Experts to gain the knowledge required to deliver IT infrastructure, application, information and operational cyber security to your organisation.

Our four-day Certified Cyber Security Practitioner training course is fully aligned with CyBOK v1.1 (Cyber Security Body of Knowledge), which is approved by the NCSC (National Cyber Security Centre).

Course Learning Outcomes

Our Certified Cyber Security Practitioner training course will give you the skills required to deliver infrastructure, application, information and operational cyber security by implementing appropriate technical and organisational controls.

It also prepares you to pass the internationally recognised IBITGQ (C CS P) examination on the first attempt.

Audience

Our Certified Cyber Security Practitioner training course is for individuals who wish to develop a successful career in cyber security management and implementation, especially those who need to improve their technical knowledge of typical cyber security attacks and the security controls required at the network, systems, operational and software levels.

It is particularly appropriate for those with foundational cyber security experience who wish to advance their career, and existing IT professionals such as:

- Network Administrators
- Database Administrators
- Cloud Architects
- IT Help Desk Staff

Entry-Level Requirements

Before you can attend the Certified Cyber Security Practitioner training course, you must have passed the Certified Cyber Security Foundation training course and included exam.

Recommended Reading

We recommend that you purchase and read the following textbook before the Certified Cyber Security Practitioner training course: Information Security Management Principles – Third Edition

What's Included

Our Certified Cyber Security Practitioner training course includes full course materials (PDF files), the examination and certificate of attendance.

Please Note: You will need a laptop for the duration of your training course and exam. Our course materials include an interactive PDF and an online quiz tool for knowledge testing. Full details on how to access the exam will be provided by email 1–2 days before sitting the exam.

Exam Information

You will take the Certified Cyber Security Practitioner (C CS P) exam set by IBITGQ (International Board for IT Governance Qualifications) at the end of the Certified Cyber Security Practitioner training course:.

- Delivery Method: Online
- Duration: 60 Minutes
- Questions: 40
- Format: Multiple-Choice
- Pass Mark: 65%

What's Next

Our five-day BCS Certificate In Information Security Management Principles (CISMP) training course covers the range of concepts, approaches and techniques that are applicable to the BCS Foundation Certificate in Information Security Management Principles.

Additional Information

Our Certified Cyber Security Practitioner training course focuses on building the introductory knowledge associated with the CyBOK categories:

- Attacks & Defences
- Systems Security
- Software & Platform Security
- Infrastructure Security