

Information Security & Cyber Security Fundamentals Course

IT & IT Engineering
Cairo (Egypt)
05 - 09 Oct 2025

UK Traininig

PARTNER



Information Security & Cyber Security Fundamentals Course

Ref: 321492_126982 **Date:** 05 - 09 Oct 2025 **Location:** Cairo (Egypt) **Fees:** 3300 **Euro**

Course Description

This intensive 5-day course provides a comprehensive introduction to information security and cyber security concepts, tools, and best practices. Participants will gain practical skills in threat assessment, risk management, and implementing security controls across various IT environments. The course combines theoretical knowledge with hands-on exercises to prepare professionals for real-world security challenges.

Learning Objectives

- Understand core information security and cyber security principles
- Identify and assess common cyber threats and vulnerabilities
- Implement effective security controls and risk management strategies
- Develop incident response and business continuity plans
- Apply security best practices to protect organizational assets
- Understand legal and ethical aspects of information security

Course Modules

Day 1: Introduction to Information Security

- Information security fundamentals and terminology
- CIA triad and security objectives
- Threat landscape and attack vectors
- Risk management frameworks

Day 2: Network and Infrastructure Security

- Network security architecture and protocols
- Firewalls, IDS/IPS, and VPNs
- Cloud security and virtualization
- Wireless network security

Day 3: Application and Data Security

- Secure software development lifecycle
- Web application security
- Cryptography and key management
- Database security and data protection

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

UK Training
PARTNER

Day 4: Identity and Access Management

- Authentication methods and multi-factor authentication
- Access control models and implementation
- Privileged access management
- Identity governance and compliance

Day 5: Security Operations and Incident Response

- Security information and event management SIEM
- Incident detection and response processes
- Digital forensics and investigation
- Business continuity and disaster recovery

Practical Wins for Participants

- Ability to conduct basic security assessments and risk analysis
- Skills to implement fundamental security controls in various IT environments
- Knowledge to develop incident response plans and procedures
- Understanding of security best practices to enhance organizational security posture

A graphic of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight behind it. In the background, there are concentric circles emanating from a point on the board.

UK Training
PARTNER

Blackbird training cities



Accra (Ghana)

Amman (Jordan)

Amsterdam (Netherlands)

Annecy (France)

Baku (Azerbaijan)

Bali (Indonesia)

Bangkok (Thailand)

Bangkok (Thailand)

Barcelona (Spain)

Batumi (Georgia)

Beijing (China)

Beirut (Lebanon)

Berlin (Germany)

Birmingham (UK)

Bordeaux (France)

Boston, Massachusetts (USA)

Brussels (Belgium)

Cairo (Egypt)

Cape Town (South Africa)

Casablanca (Morocco)

Cascais (Portugal)

Copenhagen (Denmark)

Doha (Qatar)

Dubai (UAE)

Düsseldorf (Germany)

UK Training
PARTNER



Blackbird Training Category



Human Resource



Audit & Quality Assurance



Finance, Accounting, Budgeting



Marketing, Sales, Customer Service



Secretary & Admin



Law and Contract Management



Project Management



IT & IT Engineering



Supply Chain & Logistics



Management & Leadership



Professional Skills



Oil & Gas Engineering



Health & Safety



Telecom Engineering



Hospital Management



Customs & Safety



Aviation



C-Suite Training



Agile and Refinement



Blackbird training Clients



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior
Kingdom of Saudi Arabia
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER



LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335