

Cyber Security Risk Assessment & Management

Vienna

8 - 12 September 2025

UK Training

PARTNER



Cyber Security Risk Assessment & Management

Code: IT28 From: 8 - 12 September 2025 City: Vienna Fees: 5100 Pound

Introduction

This Cyber Security Risk Assessment and Management course is designed to teach you how to conduct a comprehensive security risk assessment to protect your organization. You will gain knowledge of the laws and regulations that impose strict cybersecurity requirements on organizations and acquire the skills to develop a compliance assessment plan while employing a standards-based risk management process to maintain a strong security posture. This course assumes a basic understanding of business processes and technology concepts, but no specialized technical knowledge is required.

Course Objectives

By the end of this course, participants will be able to:

- Implement standards-based, proven methodologies for assessing and managing risks to their organization's information infrastructure.
- Select and implement security controls that ensure compliance with applicable laws, regulations, policies, and directives.
- Extend security protection to Industrial Control Systems ICS and cloud environments.
- Understand the importance of cybersecurity risk management and how to implement it effectively in an organizational context.
- Differentiate between risk management and risk assessment in the realm of cybersecurity.

Course Outlines

Day 1: Introduction to Risk Assessment and Management

- Ensuring compliance with applicable regulatory drivers.
- Protecting the organization from unacceptable losses.
- Understanding the Risk Management Framework RMF.
- Applying NIST and ISO risk management processes.
- Characterizing System Security Requirements:
 - Defining the system.
 - Outlining system security boundaries.
 - Pinpointing system interconnections.
 - Incorporating unique characteristics of Industrial Control Systems ICS and cloud-based systems.

Day 2: Selecting Appropriate Security Controls

- Investigating security control families.
- Determining the baseline from system security risk.



- Tailoring the baseline to fit the system.
- Examining the structure of security controls, enhancements, and parameters.
- Binding control overlays to the selected baseline.
- Gauging the need for enhanced assurance.

Day 3: Reducing Risk Through Effective Control Implementation

- Maximizing security effectiveness by “building in” security.
- Reducing residual risk in legacy systems via “bolt-on” security elements.
- Developing an assessment plan:
 - Prioritizing depth of control assessment.
 - Optimizing validation through sequencing and consolidation.
 - Verifying compliance through tests, interviews, and examinations.
- Formulating an authorization recommendation.

Day 4: Authorizing System Operation

- Aligning authority and responsibility within the organization.
- Quantifying organizational risk tolerance.
- Elevating authorization decisions in high-risk scenarios.
- Weighing residual risk against operational utility.
- Issuing Authority to Operate ATO.

Day 5: Maintaining Continued Compliance

- Measuring the impact of changes on the system security posture.
- Executing effective configuration management.
- Performing periodic control reassessment.
- Preserving an acceptable security posture:
 - Delivering initial and routine follow-up security awareness training.
 - Collecting ongoing security metrics.
 - Implementing vulnerability management, incident response, and business continuity processes.

Why Attend This Course: Wins & Losses!

- Practical Training in Cybersecurity Risk Assessment and Management, using proven methodologies and tools.
- A deep understanding of risk management in cybersecurity, ensuring you're prepared to handle potential security threats.
- Knowledge of how to conduct a thorough cybersecurity risk assessment and ensure the security of your organization's information infrastructure.
- The ability to implement security controls in line with relevant laws and regulations to ensure compliance.
- Insight into ICS and cloud-based security concerns, an essential skill in today's interconnected world.

Conclusion

This course provides an essential foundation in cybersecurity risk assessment and management, enabling you to enhance the security of your organization's systems and data. By understanding and implementing risk management techniques, you will be well-equipped to protect against the increasing number of cyber threats.

PARTNER





Enroll in this Cybersecurity Risk Assessment and Management course today, and ensure your organization remains secure and compliant in an ever-evolving cyber landscape.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

UK Training

PARTNER



Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva



Prague (Czech)



Vienna



Rome (Italy)



Brussels



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

ASIA



Bangkok
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne
(Indonesia)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Pulau Ujong (Singapore)



Jakarta



Amman (Jordan)



Beirut



Blackbird Training Cities

AFRICA



Kigali (Rwanda)



Cape Town



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



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



المؤسسة العامة للتأمينات الاجتماعية
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.



هيئة تنظيم الكهرباء - عمان
AUTHORITY FOR ELECTRICITY REGULATION, OMAN
Authority for

UK Training
PARTNER



Blackbird Training Categories

Management & Admin

Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

