CISSP (Information Systems Security Architecture Professional)

IT & IT Engineering
Los Angeles (USA)
10 - 21 Feb 2025

UK Traininig
PARTNER

CISSP (Information Systems Security Architecture Professional)

Ref: 3327_138288 **Date:** 10 - 21 Feb 2025 **Location:** Los Angeles (USA) **Fees:** 9600 **Euro**

Introduction

In today, fast-evolving times technological solutions by themselves cannot protect organisations' important information assets. Therefore, Employers demanding qualified information security staff give their organizations a leading edge by providing the highest standard of security for their customers, stakeholders, and organizational information assets. The CISSP Certification Training at Blackbird is the most effective and practical cybersecurity course you will find across the Middle East. This ISC² Certified Intermediate Cybersecurity Training is extremely beneficial for those who seek to make a successful career in IT Safety and Security domain.

This course covers all vital elements of security engineering. It makes you adept in every single aspect of IT security right from risk management to security operations. This training is wonderful to give your career a better direction and reach a level of credibility.

Course Outline of CISSP Information Systems Security Architecture Professional

Day 1

Security and Risk Management

- Information Security Program
- Roles and Responsibilities
- Risk Definitions
- Risk Identification
- Risk Assessment and Analysis
- Risk Mitigation and Response
- Risk Monitoring and Reporting
- Legal Considerations

Day 2

Introduction to Business Continuity and Disaster Recovery Planning

- Business Continuity Planning.
- Project Scope and Planning.
- Community Planning, Approval, and Implementation.
- Creation Business Continuity and Disaster Recovery Planning.
- Developing the Teams.

Head Office: +44 7480 775 526 | 0 7401 177 335
Email: training@blackbird-training.com
Website: www.blackbird-training.com

Day 3

Asset Security

- Introduction to Asset Security
- Data Classification
- Data Protection.
- System Hardening and Baselining.
- Threats to Data Storage.
- Data Redundancy.
- Secure Data Disposal

Day 4

Security Engineering

- Security Services Provided by Cryptography
- Algorithm.
- Elements of Cryptography.
- Principles of Secure Design.
- Security Models.
- System Architecture.
- Evaluation Criteria.

Day 5

Communications and Network Security

- Introduction to Communications and Network Security
- The OSI Model
- The OSI Model Network Devices
- The OSI Model Collision Domains
- The OSI Model Layers.
- The OSI Model Firewalls.
- Password Security
- Area Networks: LAN, WAN, and MAN.
- Remote Access

Day 6

Identity and Access Management

- Introduction to Identity and Access Management
- Authentication Types
- Strong Authentication
- Social Media and the Introduction to Kerberos.

Day 7

Head Office: +44 7480 775 526 | 0 7401 177 335
Email: training@blackbird-training.com
Website: www.blackbird-training.com

Security Architecture and Engineering

- Introduction to Security Engineering.
- Privacy by Design.
- Understand the Fundamental Concepts of Security Models.
- Types of Security Models.
- Security Capabilities of Information Systems.
- Assess and Mitigate the Vulnerabilities of Security Architectures.

Day 8

Security Assessment and Testing

- The 6 Security Assessments and Testing Objectives
- Vulnerability Assessments and Penetration Testing
- Vulnerability Scanning
- Testing Guidelines
- Rules of Engagement
- Protocol Analyzers Sniffers and Privacy

Day 9

Security Operations

- Security Incident Response
- The Forensic Investigation Process.
- Evidence Types
- Fault Management
- Backups

Day 10

Software Development Security Application Security

- Introduction to Software Development Security
- Secure Design.
- Requirements to Writing Secure Code
- Software Development Methodologies
- Cloud Application Security
- OWASP Open Web Application Security Project

Head Office: +44 7480 775 526 | 0 7401 177 335
Email: training@blackbird-training.com
Website: www.blackbird-training.com

Blackbird training cities

Accra1 (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)	Bordeax (France)	Boston,Massachusetts (USA)
Brussels (Belgium)	Cairo (Egypt)	Cape Town (South Africa)	Casablanca (Morocco)
Cascais (Portugal)	Copenhagen (Denmark)	Doha (Qatar)	Dubai (UAE)
Düsseldorf (Germany)			

Head Office: +44 7480 775 526 | 0 7401 177 335
Email: training@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Category

Human Resources

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

UK Traininig
PARTNER

Head Office: +44 7480 775 526 | 0 7401 177 335
Email: training@blackbird-training.com
Website: www.blackbird-training.com

Blackbird training Clients

MANNAI CORPORATION MANNAI Trading Company WLL, **Qatar**	**GAC** UNE FILIALE D' EGA Alumina Corporation **Guinea**	**B.** Booking.com Booking.com **Netherlands**	**OXFAM** Oxfam GB International Organization, **Yemen**	Capital Markets Authority Capital Markets Authority, **Kuwait**
WS Waltersmith Petroman Oil Limited **Nigeria**	**QNB** Qatar National Bank (QNB), **Qatar**	مؤسسة قطر Qatar Foundation Qatar Foundation, **Qatar**	AFRICAN UNION ADVISORY BOARD ON CORRUPTION, **Tanzania**	**KFAS** KFAS **Kuwait**
Reserve Bank of Malawi, **Malawi**	Central Bank of Nigeria **Nigeria**	Ministry of Interior Kingdom of Saudi Arabia Ministry of Interior, **KSA**	**Mabruk** Oil Operations Mabruk Oil Company **Libya**	Saudi Electricity Company Saudi Electricity Company, **KSA**
BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, **Indonesia**	**NATO** **Italy**	**eni** ENI CORPORATE UNIVERSITY, **Italy**	بنك الخليج **GULF BANK** Gulf Bank **Kuwait**	General Organization for Social Insurance General Organization for Social Insurance **KSA**
Defence Space Administraion **Nigeria**	الصناعات الوطنية National Industries Group (Holding), **Kuwait**	مؤسسة حمد الطبية Hamad Medical Corporation Hamad Medical Corporation, **Qatar**	**USAID** USAID **Pakistan**	**STC** الاتصالات السعودية STC Solutions, **KSA**
N North Oil Company North Oil company,	**EKEDC** EKO Electricity	**oman** BROADBAND العمانية للنطاق العريض Oman Broadband	**UNITED NATIONS** UN.	AUTHORITY FOR ELECTRICITY REGULATION, OMAN Authority for

Head Office: +44 7480 775 526 | 0 7401 177 335
Email: training@blackbird-training.com
Website: www.blackbird-training.com

UK Trainnig
PARTNER

BLACKBIRD
FOR TRAINING