

aractech

Global Learning for Operational Leaders



IT MANAGEMENT AND CYBER SECURITY | IMCS-006

Certified Cyber Security Specialist

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Course content

Why Attend

Cyber threats continue to grow in complexity, frequency, and business impact. Organizations need skilled professionals who can protect systems, manage risks, respond to incidents, and build strong security frameworks. This course provides participants with practical knowledge in cyber security fundamentals, risk management, secure architecture, threat intelligence, business continuity, and incident response to strengthen organizational resilience.

Course Methodology

• This course uses an interactive and practical approach through presentations, case studies, security scenarios, risk assessments, group discussions, practical exercises, and real workplace examples.

Course Objectives

- Understand core cyber security principles and standards
- Identify and manage cyber risks effectively
- Strengthen asset protection and secure architecture practices
- Apply technical, physical, and administrative controls
- Build security awareness and training programs
- Use threat intelligence to improve preparedness

Target Audience

- Cyber Security Professionals
- IT Managers
- Network Administrators
- Risk and Compliance Staff

Course outline

Detailed course outline

Day-by-day outline for Certified Cyber Security Specialist.

Day 1 - Fundamentals of Cyber Security

- Definitions
- Security concepts and definitions
- Cyber security standards
- Importance of cyber resilience
- Security roles and responsibilities
- Current cyber threat environment

Day 2 - Risk Management and Asset Protection

- Risk and threat landscape
- Risk assessment, evaluation and analysis
- Risk response
- Risk monitoring and reporting
- Asset management
- Endpoint security

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Day 3 - Secure Architecture and Security Controls

- Creating a secure architecture
- Secure by design
- System development lifecycle
- Device configuration
- Overview of cryptography
- Technical controls

Day 4 - Security Education and Threat Management

- Security Education, Training, and Awareness (SETA)
- Developing a security education, training and awareness program
- Developing and measuring against SETA metrics
- Threat management principles
- Cyber Threat Intelligence
- Open-Source Intelligence overview

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Day 5 - Business Continuity and Incident Management

- Business impact analysis
- Business continuity planning
- Disaster recovery planning
- Incident management and incident response overview
- Incident handling life cycle
- Digital forensics principles

Seminar dates

Available seminar dates

Live dates and pricing for Certified Cyber Security Specialist generated from the course details page.

Date	Location	Format	Fee
1 - 5 June 2026	Kuala Lumpur	Classroom	€1,575
8 - 12 June 2026	Amsterdam	Classroom	€2,975
15 - 19 June 2026	London	Classroom	€2,695
6 - 10 July 2026	Barcelona	Classroom	€2,975
20 - 24 July 2026	London	Classroom	€2,695
3 - 7 August 2026	Barcelona	Classroom	€2,975
10 - 14 August 2026	Istanbul	Classroom	€2,695

Live online option

Online delivery is available at €1,250.