



**Training Program:
Cyber Security Fundamentals**

GGSC **QMI**
GERMAN GROUP QUALITY&MANAGEMENT INSTITUTE

1. Cybersecurity Fundamentals

Program Title:

Cybersecurity Fundamentals

Equip your team with the knowledge and skills to protect against cyber threats. Our course covers the latest in cybersecurity best practices, risk management, and incident response to safeguard your digital assets.

Program Code: GGSC -QMI/ CSF/1/24

Duration: 24 hours – 6 sessions

Format: Combination of lectures, case studies, interactive discussions, and hands-on exercises

Resources: Course materials, access to cybersecurity tools and resources

Program Objective: To provide participants with a comprehensive understanding of cybersecurity fundamentals, including threats, vulnerabilities, and protective measures.

1. Cybersecurity Fundamentals

Program Content:

- **Module 1:** Introduction to Cybersecurity
 - Definition and importance of cybersecurity
 - Current threats and trends
 - Basics of information security

- **Module 2:** Threats and Vulnerabilities
 - Types of cyber threats (e.g., malware, phishing)
 - Common vulnerabilities in IT systems
 - Risk analysis and assessment

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- **Module 3: Protective Measures**
 - Firewalls and network security
 - Endpoint protection and antivirus software
 - Encryption and secure communication

- **Module 4: Security Policies and Procedures**
 - Developing and implementing security policies
 - Incident response and emergency measures
 - Data protection and legal aspects

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- **Module 5: Security Testing and Audits**
 - Conducting security reviews
 - Penetration testing and vulnerability assessments
 - Continuous monitoring and improvement

- **Module 6: Case Studies and Best Practices**
 - Analysis of real-world cyberattacks
 - Best practices for cybersecurity in various industries
 - Future challenges and developments

2. ISACA Cybersecurity Fundamentals Certificate

Who would benefit from Cybersecurity Fundamentals:



STUDENTS & RECENT GRADUATES



TEAMS & INDIVIDUALS LOOKING TO UPSKILL



RISING IT PROFESSIONALS

What you will learn with Cybersecurity Fundamentals:

Cybersecurity Fundamentals offers hybrid knowledge and hands-on learning. Gain insight into the principles of data and technologies that frame and define cybersecurity, its language and the integral role of cybersecurity professionals in protecting enterprise data and infrastructure.



Threat Landscape



Security Operations and Response



Information Security Fundamentals



Securing Assets

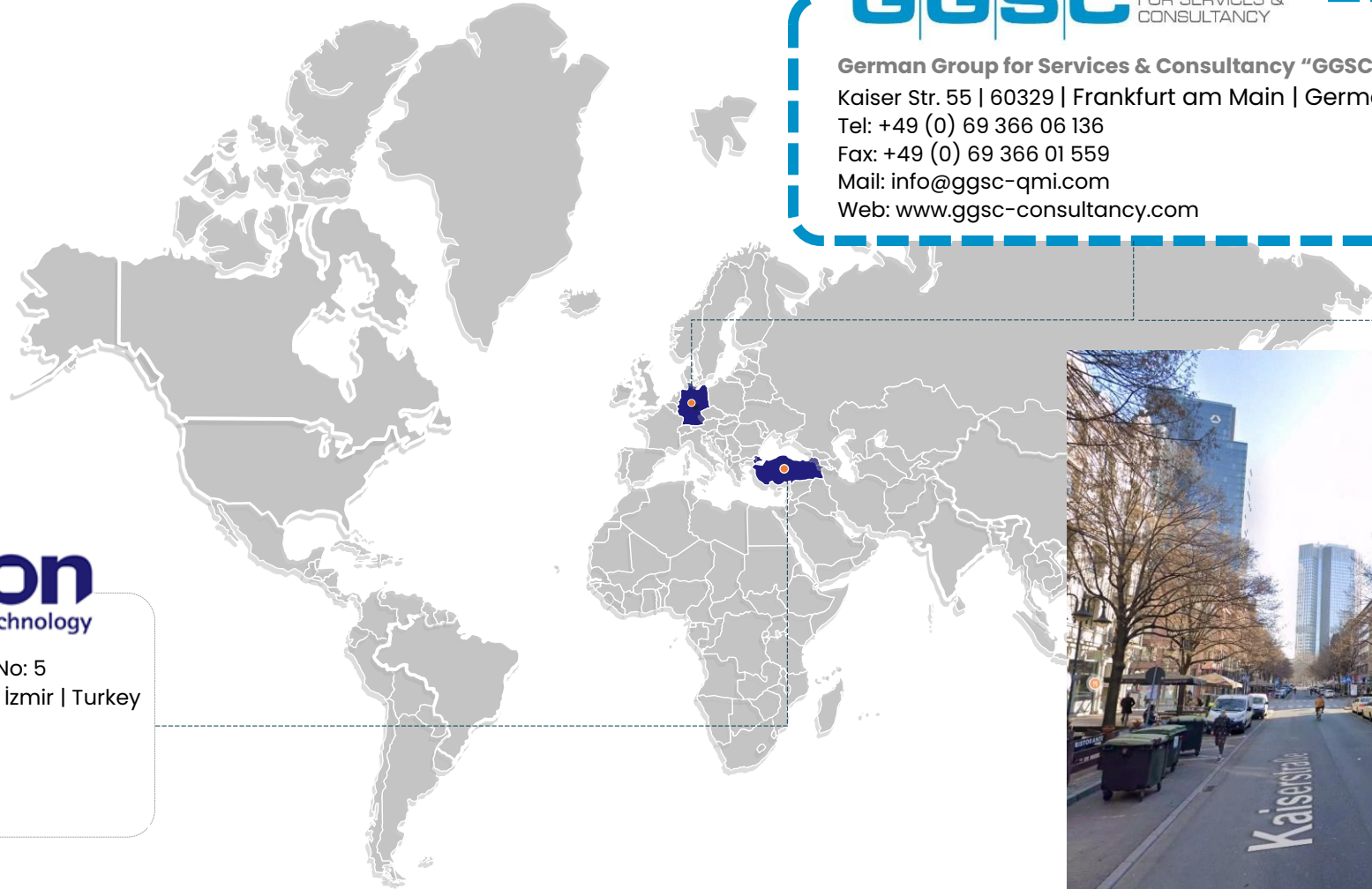
[VIEW ALL STUDY MATERIALS](#)

[HOW DO I BECOME CERTIFIED?](#)

2. ISACA Cybersecurity Fundamentals Certificate



3. Head Offices



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