



Module Overview

- This training program is designed to equip participants with essential knowledge and practical skills in cybersecurity risk management. It is ideal for security professionals, IT managers, compliance officers, and executives responsible for risk governance.

1. Identifying Key Cyber Threats

- Understand the current cybersecurity threat landscape
- Learn about various attack vectors (phishing, malware, ransomware, insider threats)
- Identify key indicators of compromise (IoCs)
- Case studies on recent high-impact cyberattacks

Learning Outcome: Participants will be able to detect early signs of cyber threats and understand how adversaries breach systems.

2. Risk Assessment Techniques

- Introduction to cybersecurity risk frameworks (NIST, ISO 27005, FAIR)
- Steps in risk assessment: identification, analysis, and evaluation
- Tools for vulnerability scanning and risk quantification
- Hands-on activity: Perform a basic cyber risk assessment

Learning Outcome: Participants will be able to assess and prioritize cyber risks using proven frameworks and tools.

3. Implementing Security Controls

- Overview of technical, administrative, and physical controls
- Defense-in-depth strategies and zero-trust architecture
- Selecting appropriate controls based on risk appetite
- Mapping controls to compliance requirements (GDPR, HIPAA, PCI-DSS)

Learning Outcome: Participants will design and implement layered security controls tailored to their organization.

4. Incident Response and Recovery


- Building an incident response plan (IRP)
- Roles and responsibilities of the response team
- Communication protocols during a breach
- Business continuity planning and disaster recovery
- Tabletop simulation exercise: Cyberattack scenario handling

Learning Outcome: Participants will be able to effectively respond to and recover from cybersecurity incidents

Delivery Format

- Duration: 2 days (or 4 half-day sessions)
- Format: Instructor-led, case-based workshops, live discussions, and practice exercises
- Certification: MS Risktec Certificate of Completion

Contact MS Risktec: To book the training for your team or organization:

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