

Cyber Security Risk Assessment & Management Masterclass

IT & IT Engineering
Prague (Czech)
09 - 13 Jun 2025

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Cyber Security Risk Assessment & Management Masterclass

Ref: 321388_139370 **Date:** 09 - 13 Jun 2025 **Location:** Prague (Czech) **Fees:** 4400 **Euro**

Course Description

This intensive 5-day course equips professionals with the knowledge and skills to effectively assess and manage cybersecurity risks. Participants will learn to identify, analyze, and mitigate cyber threats using industry-standard frameworks and best practices. The course covers risk assessment methodologies, threat modeling, control implementation, and continuous monitoring techniques.

Learning Objectives

- Understand and apply cybersecurity risk management frameworks
- Conduct comprehensive risk assessments and threat modeling
- Develop and implement effective risk mitigation strategies
- Design and maintain a robust cybersecurity program
- Communicate cyber risks to stakeholders effectively

Course Modules

Day 1: Foundations of Cyber Risk Management

- Introduction to cybersecurity risk management
- Risk management frameworks NIST, ISO 27001, FAIR
- Cyber threat landscape and attack vectors
- Asset identification and classification

Day 2: Risk Assessment Methodologies

- Qualitative and quantitative risk assessment techniques
- Threat modeling and vulnerability assessment
- Risk analysis and prioritization
- Scenario-based risk assessment

Day 3: Risk Mitigation Strategies

- Security controls selection and implementation
- Risk treatment options accept, avoid, transfer, mitigate
- Cost-benefit analysis of security measures
- Developing risk mitigation plans

Day 4: Continuous Monitoring and Incident Response

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- Implementing continuous monitoring programs
- Key risk indicators and metrics
- Incident response planning and management
- Business continuity and disaster recovery

Day 5: Governance and Communication

- Cybersecurity governance and policy development
- Risk reporting and dashboards
- Communicating risks to executives and boards
- Building a culture of security awareness

Practical Wins for Participants

- Ability to conduct thorough cyber risk assessments
- Skills to develop and implement effective risk mitigation strategies
- Knowledge to establish a continuous monitoring program
- Expertise in communicating cyber risks to stakeholders

A graphic of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight behind it. The board is a checkered pattern of light and dark squares. In the background, there are concentric white circles on a light gray background.

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