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IT MANAGEMENT AND CYBER SECURITY | COURSE

Cybersecurity Audit Essentials

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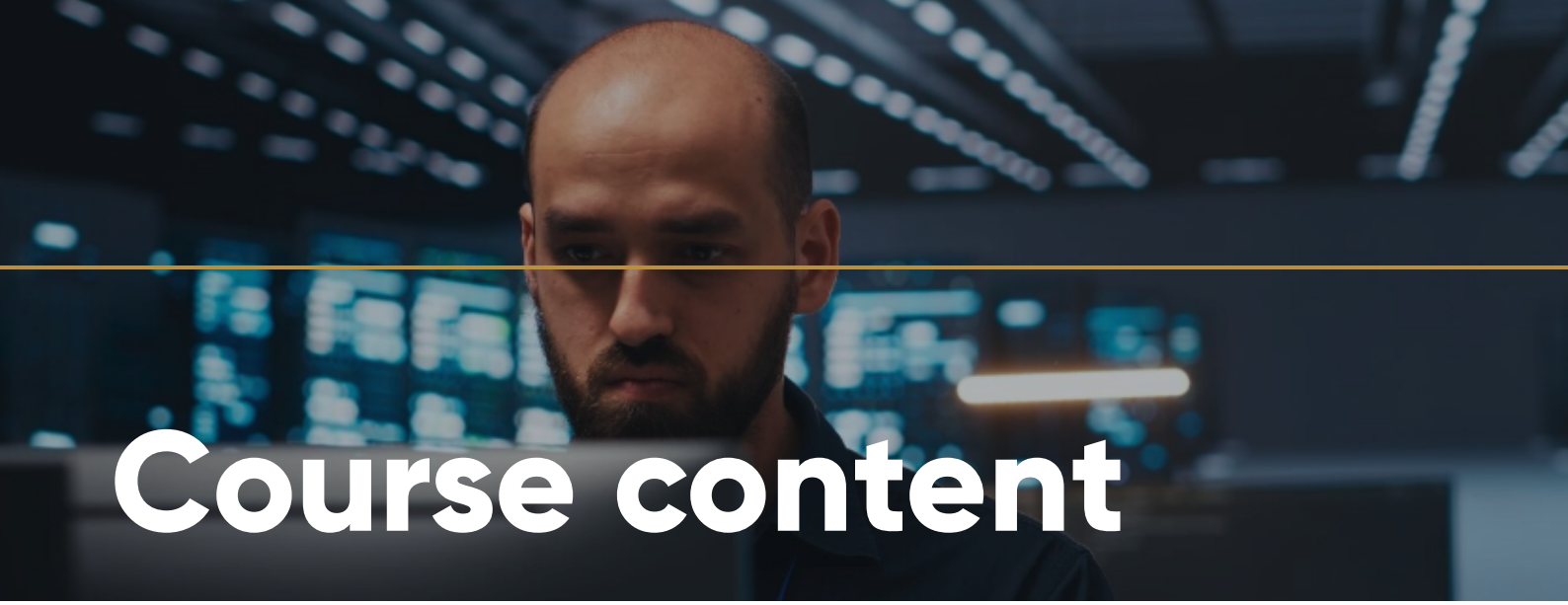


Course content

Why Attend

Course Introduction

Cybersecurity threats and risks are increasingly prominent in the news, often with exaggerated portrayals of their severity. Despite the media hype, these threats are real and can have significant consequences for various industries and organizations.

Beyond the direct impact on assets, the reputational damage, as seen with cases like Facebook and Cambridge Analytica, underscores the importance of managing cybersecurity risks effectively.

To address these challenges, companies and institutions must perform comprehensive Cybersecurity Audits. These audits are crucial for identifying vulnerabilities, assessing risks, and ensuring robust cybersecurity measures are in place.

The ability to manage and mitigate these threats can prevent both financial and reputational harm.

This Cybersecurity Audit Essentials training course is specifically designed to provide the knowledge and skills needed to plan and execute effective Cybersecurity Audits.

Participants will learn how to conduct thorough assessments, enabling their organizations to safeguard their assets and maintain a strong security posture.

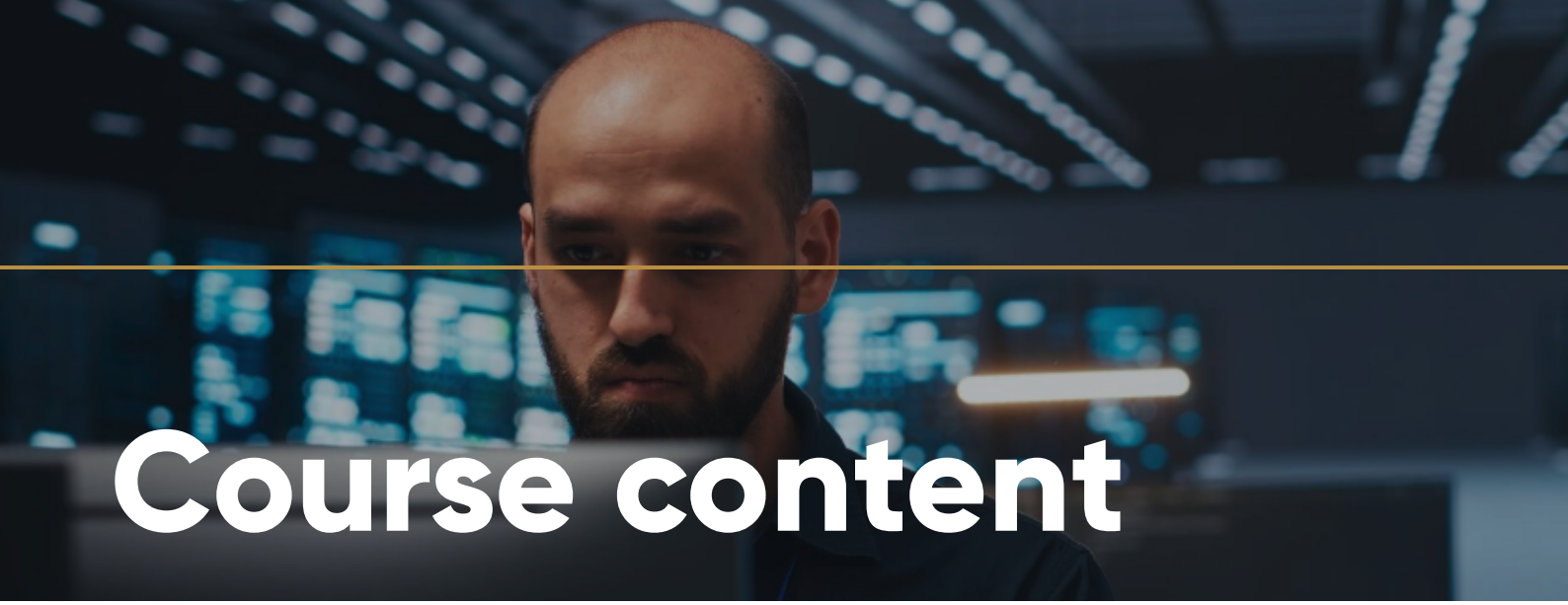
This training course will feature:

- An Overview of Information Security standards and practices
- Risk Appraisal and available methods for Risk Assessment
- Technical specification of cybersecurity
- Secure network architecture and intrusion detection systems
- IPv6, IPv4 Configuration and Risks
- Case studies of Cybersecurity breaches and its consequences

Course Objectives

By the end of this training course, delegates will be able to:

- Perform risk analysis of IT security breaches



Course content

Course Objectives

• Get acquainted with ISO 27001 and COBIT5

• Acquire the knowledge of Information Security Management

• Understand the approach for Crisis Management and Disaster Recovery

Who should Attend?

This training course is suitable to a wide range of professionals but will greatly benefit:

• Risk Managers

• Auditors

• Application designers

• Product designers

• Marketing and research specialists

• Statistical and Research Analysts

• Key Application Development and data Research Personnel

• Technology Engineers, Telecommunication engineers

Course outline

Day One: IT Security Evolution

• Categorizing Physical and Electronic Risk

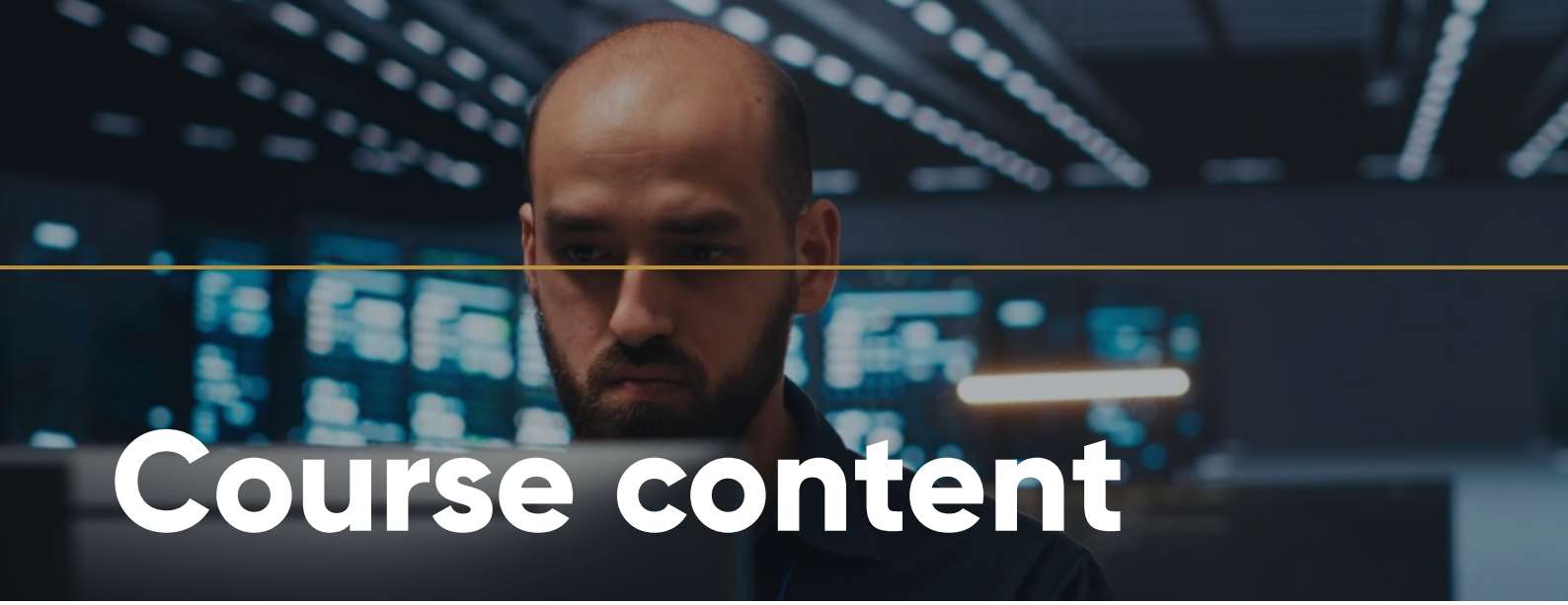
• Networking and Communication Technology

• Computer Systems Design

• Legal and Regulatory Considerations

• Current Threat and Trend Analysis

• Review and Case Study



Course content

Course outline

Day Two: Identifying and Responding to Data Breaches - Risk Assessment and Crisis Management

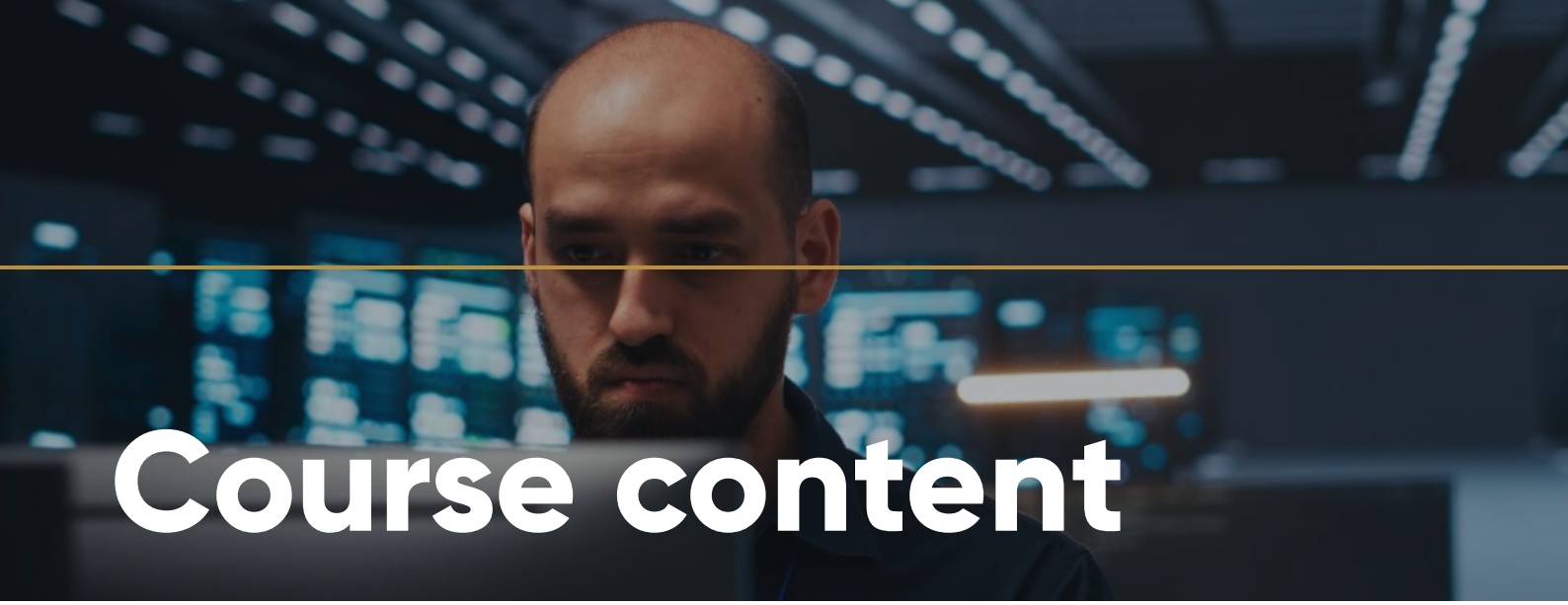
- IPv6 Configuration and Risks
- Domain Name System Security Extensions (DNSSEC)
- Crisis Management Planning
- Forensic and Electronic investigations
- Responding to Business Continuity
- Review and Case Study

Day Three: Preparing the Cybersecurity Audit Scope

- NIST Cybersecurity Framework
- Cyber incident response policy requirements
- COBIT 5 framework
- Audit plan as per the NIST Cybersecurity Framework
- Audit plan using the COBIT 5 framework
- Review and Case Study

Day Four: Executing the Cybersecurity Audit

- Using BowTie method for cybersecurity risk management
- Using AuditXP software for cybersecurity audit
- Creating NIST Cybersecurity Framework audit questionnaire in AuditXP
- Creating COBIT 5 framework audit questionnaire in AuditXP
- Performing the Cybersecurity audit on the example entity



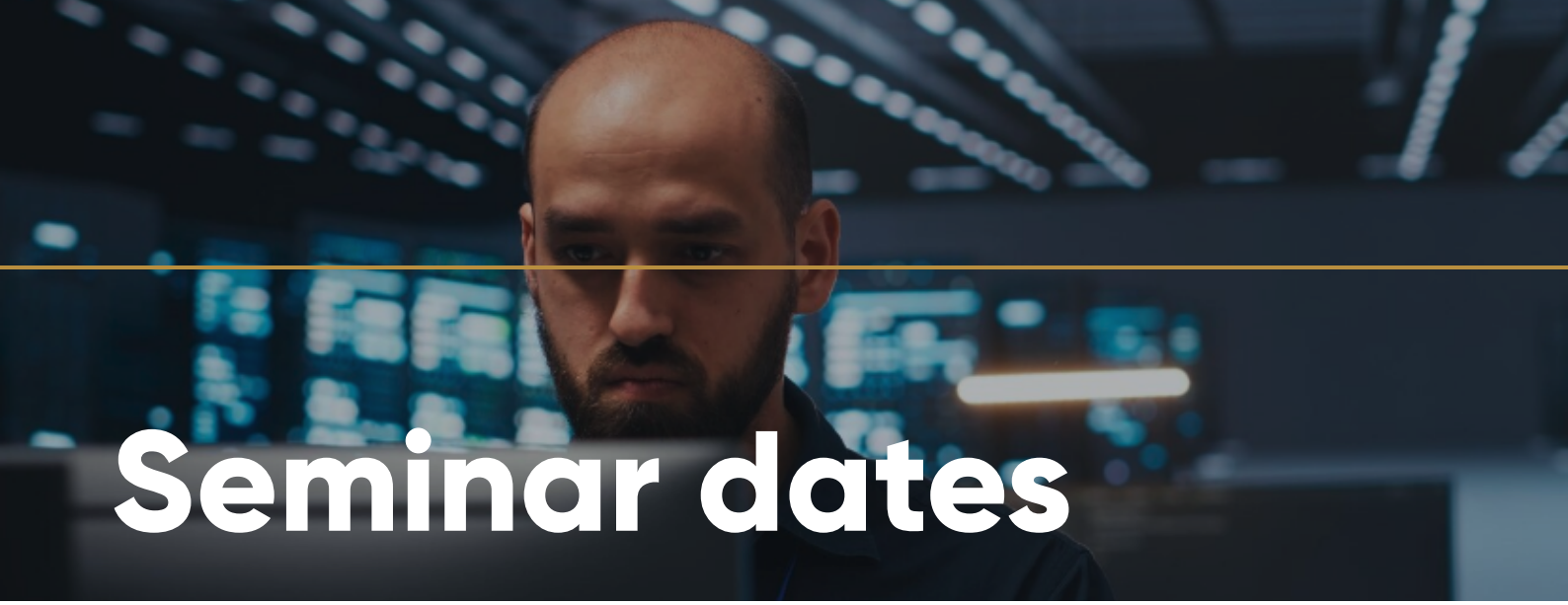
Course content

Course outline

- Review and Case Study

Day Five: Cybersecurity Audit Workshop

- Forming the team, audit plan and the framework
- Executing the audit
- Review of the audit findings
- Preparing recommendations
- Discussing the findings and recommendation and their implementation
- Constant monitoring and upgrade



Seminar dates

Available seminar dates

Live dates and pricing for Cybersecurity Audit Essentials generated from the course details page.

Date	Location	Format	Fee
16 - 20 November 2026	Paris - France	Classroom	**€3,600.-**
7 - 11 December 2026	Frankfurt - Germany	Classroom	**€2,600.-**
9 - 13 November 2026	Barcelona - Spain	Classroom	**€3,080.-**
14 - 18 December 2026	Barcelona - Spain	Classroom	**€3,080.-**
11 - 15 January 2027	Madrid - Spain	Classroom	**€3,400.-**
8 - 12 February 2027	London - U.K	Classroom	**€3,360.-**
8 - 12 March 2027	Istanbul - Turkey	Classroom	**€2,280.-**
12 - 16 April 2027	Cape Town - South Africa	Classroom	**€3,400.-**
10 - 14 May 2027	Barcelona - Spain	Classroom	**€3,080.-**
14 - 18 June 2027	Paris - France	Classroom	**€3,600.-**
12 - 16 July 2027	Frankfurt - Germany	Classroom	**€2,600.-**
9 - 13 August 2027	Istanbul - Turkey	Classroom	**€2,280.-**
13 - 17 September 2027	Vienna - Austria	Classroom	**€3,400.-**
11 - 15 October 2027	Barcelona - Spain	Classroom	**€3,080.-**
8 - 12 November 2027	Paris - France	Classroom	**€3,600.-**
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