



دورة تدريبية في إدارة المخاطر الخاصة بأنظمة تكنولوجيا المعلومات وحمايتها



دورة تدريبية في إدارة المخاطر الخاصة بأنظمة تكنولوجيا المعلومات وحمايتها

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Course Overview

In today's digital era, IT systems and infrastructures face a growing array of risks, from cyberattacks to natural disasters. Effective IT risk management is crucial for safeguarding organizational assets, ensuring compliance, and maintaining business continuity.

This 5-day training program provides participants with the knowledge and tools needed to identify, assess, and mitigate IT risks. Through hands-on workshops, real-world case studies, and strategic frameworks, participants will gain the expertise required to protect IT systems and infrastructures effectively.

Target Audience

- IT managers and team leads.
- Risk management professionals.
- Cybersecurity specialists.
- System administrators and IT infrastructure professionals.
- Business leaders seeking to enhance IT resilience.

Targeted Organizational Departments:

- IT Security & Risk Management Teams
- Cybersecurity & Compliance Departments
- Enterprise IT & Network Administration
- Business Continuity & Disaster Recovery Planning Units
- Governance, Risk, and Compliance GRC Offices

Targeted Industries:

- Financial Services & Banking
- Healthcare & Pharmaceuticals
- Government & Public Sector
- Energy & Utilities
- Retail & E-commerce
- Technology & Telecommunications

Course Offerings:

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

- Conduct IT security risk assessments using ISO 31000, COBIT, and NIST frameworks
- Develop IT risk mitigation strategies tailored to organizational needs
- Implement IT governance and risk management techniques to ensure compliance
- Identify and assess cybersecurity threats in IT infrastructure
- Utilize IT risk analysis tools such as heat maps, risk matrices, and threat modeling techniques
- Plan and execute IT disaster recovery and incident response strategies
- Monitor and report IT risk using dashboards, KPIs, and governance tools
- Address emerging risks in cloud computing, IoT, AI, and machine learning security

Training Methodology:

This course combines practical exercises, case studies, and interactive discussions to ensure real-world applicability:

- Instructor-led interactive lectures to provide foundational IT risk management knowledge
- Workshops and simulations for hands-on practice with IT risk assessment tools
- Case studies based on real-world cybersecurity incidents and IT governance challenges
- Risk modeling group activities to assess and mitigate cybersecurity threats
- Final project: Participants will develop a comprehensive IT risk management plan

Course Toolbox:

- IT risk management frameworks & best practices documentation
- IT risk analysis tools & risk assessment templates
- Cybersecurity incident response & disaster recovery playbooks
- Access to curated online resources for IT compliance and governance
- Case studies on IT risk management strategy

Course Agenda:

Day 1: Introduction to IT Risk Management

- Understanding IT risks: Types, sources, and impacts Topic 1:
- Key concepts in IT risk management: Risk appetite, tolerance, and residual risk Topic 2:
- Overview of IT risk management frameworks: ISO 31000, COBIT, and NIST Topic 3:
- Identifying potential IT risks in different organizational contexts Topic 4:
- Business continuity and IT risk management Topic 5:
- IT compliance and regulatory requirements Topic 6:
- Recap of key learnings and interactive Q&A Reflection & Review:

Day 2: Risk Identification and Assessment

- Techniques for identifying IT risks: Threat modeling and risk mapping Topic 1: •
- Conducting IT risk assessments: Qualitative vs. quantitative methods Topic 2: •
- Tools for risk analysis: Heat maps, risk matrices, and impact-likelihood assessments Topic 3: •
- Evaluating cybersecurity risk assessment methodologies Topic 4: •
- IT risk assessment best practices Topic 5: •
- Case study: Creating a risk assessment plan for an IT system Topic 6: •
- Recap and discussion on lessons learned Reflection & Review: •

Day 3: Mitigation Strategies and IT Controls

- Developing IT risk mitigation strategies: Avoidance, transfer, reduction, acceptance Topic 1: •
- Implementing IT controls: Preventive, detective, and corrective measures Topic 2: •
- Incident response planning and disaster recovery strategies Topic 3: •
- IT governance and risk management strategies Topic 4: •
- IT security risk analysis and response planning Topic 5: •
- Case study: Evaluating the effectiveness of IT risk controls Topic 6: •
- Interactive session and lessons recap Reflection & Review: •

Day 4: IT Risk Monitoring & Governance

- Continuous monitoring of IT risks using tools and technologies Topic 1: •
- IT risk reporting frameworks: Dashboards, KPIs, and compliance tracking Topic 2: •
- IT governance frameworks for cybersecurity risk management Topic 3: •
- Risk management for IT systems in enterprise environments Topic 4: •
- Addressing IT risk challenges in modern infrastructures Topic 5: •
- Aligning IT risk management with business objectives Topic 6: •
- Discussion and case study review Reflection & Review: •

Day 5: Emerging Trends & Best Practices

- Managing IT risks in cloud computing and hybrid environments Topic 1: •
- IoT risk assessment and security considerations Topic 2: •
- AI and machine learning security risks Topic 3: •
- Ransomware risk mitigation strategies Topic 4: •
- Final project: Developing a comprehensive IT risk management plan Topic 5: •
- Presentations and expert feedback session Topic 6: •
- Course wrap-up and final Q&A Reflection & Review: •

FAQ:

- What specific qualifications or prerequisites are needed for participants before enrolling in the course? •

There are no strict prerequisites. However, a basic understanding of IT security principles and risk management concepts is beneficial. Professionals from IT, cybersecurity, risk management, or compliance backgrounds will gain the most from this training.

How long is each day's session, and what is the total number of hours for the entire course? •

Each day's session is structured to last 4-5 hours, with breaks and interactive activities included. The total course duration spans five days, approximately 20-25 hours of instruction.

How does IT risk management differ from cybersecurity risk assessment? •

IT risk management covers all risks affecting IT systems, including technical, operational, compliance, and financial risks. Cybersecurity risk assessment, however, focuses specifically on threats to IT security, such as hacking, data breaches, and malware attacks. This course integrates both perspectives to provide a holistic risk management approach.

How This Course is Different from Other IT Risk Management Courses:

Unlike other IT risk management courses, this program stands out due to its:

- A deep dive into IT risk management, cybersecurity, and IT governance **Comprehensive Coverage:** frameworks.
- Interactive simulations, case studies, and real-world applications. **Hands-On Approach:**
- Dedicated modules on AI, IoT, ransomware, and cloud security risks. **Focus on Emerging Risks:**
- Taught by industry professionals with practical experience in risk assessment and **Expert-Led Training:** mitigation.
- Participants leave with a tailored IT risk management plan, ready for implementation in their **Final Project:** organizations.



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دورات معتمدة من قبل هيئات دولية



دورات في مجالات القيادة والإدارة



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دورات المحاسبة و التمويل و دورات الإدارة
المالية



دورات مكتب إدارة المشاريع وإدارة المشاريع
الرشيقية

مدن التدريب



أمستردام - هولندا



أكرا - غانا



أثينا - اليونان



أبوظبي - الإمارات العربية المتحدة



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



استنبول - تركيا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



الرياض - المملكة العربية السعودية



بانكوك - تايلند



بالي - جمهورية إندونيسيا



بأكو - أذربيجان



باريس - فرنسا

مدن التدريب



بورنو - البرتغال



برلين - ألمانيا



برشلونة - إسبانيا



براغ - جمهورية التشيك



جنيف - سويسرا



جاكرتا - جمهورية إندونيسيا



تيليسي - جورجيا



بوكيت - تايلاند



زنجبار - تنزانيا



روما - إيطاليا



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



شهر الشيخ - مصر



سيول - كوريا الجنوبية



سنغافورة - سنغافورة



سان دييغو - الولايات المتحدة الأمريكية

مدن التدريب



طوكيو - اليابان



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة الأمريكية



فيينا - النمسا



فرانكفورت - ألمانيا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



لشبونة - البرتغال



لانكاوي - ماليزيا



كاب تاون - جنوب إفريقيا



كوالالمبور - ماليزيا



مسقط - سلطنة عمان



مدريد - إسبانيا



ماربيا - إسبانيا



لندن - المملكة المتحدة

مدن التدريب



نيروبي - كينيا



ميونخ - ألمانيا



ميلان - إيطاليا



مونترنو - سويسرا



نيس - فرنسا

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



AGILE LEADERS
Training Center

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