Risk Management 101 for IT Professionals: Essential Concepts

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Course Sales Page Description

LEARN IT RISK MANAGEMENT FUNDAMENTALS

Are you an IT or cybersecurity professional interested in learning about IT risk management? If so, you've come to the right place!

In this 3-hour course, I'll show you step-by-step, the fundamentals of IT risk management, teaching you essential risk management core principles you need to know.

If you're looking to advance or begin your career in Information Technology (IT), this course is a must because risk management is embedded in everything we do in IT.

WHAT YOU'LL RECEIVE IN THIS COURSE

- 3 Hours of Lecture & Live Demonstration Videos
- 2 Business Case Studies
- 5 Section Quizzes
- Edited Closed Caption Subtitles and Video Transcripts
- Downloadable Course Videos for Offline Viewing with Udemy Mobile App
- PDF Lectures of All Course PowerPoint Slides

KEY COURSE TOPICS

- Understanding Risk
- Why We Need Risk Management
- Risk Identification
- Risk Responses and Controls
- The Risk Register
- Risk Monitoring and Control
- Why Risk Management Fails

Once you complete this course, you'll understand how IT risk management works and how to utilize effective risk management in your IT department.

Course Curriculum

Section 1: Course Introduction
- Welcome to the Course!
- Why Learn IT Risk Management from Me?
- Course Lecture PDFs

Section 2: Understanding Risk
- Section Introduction
- What is a Risk?
- What is an Issue?
- What is Risk Management?
- Who Uses Risk Management?
- The Elements of Risk
- Assets, Threats, Vulnerabilities and Risks
- Tangible and Intangible Assets
- The Three Categories of Threats
- Common IT Vulnerabilities
- Risk Categories
- The Risk Management Lifecycle
- **Quiz 1: Understanding Risk Section Quiz**

Section 3: Why We Need Risk Management
- Section Introduction
- Why do We Need Risk Management?
- Legal and Regulatory Concerns
- Deeper Dive Look at IT Vulnerabilities
- The State of Cybersecurity
- Student Exercise: Colonial Pipeline Case Study Analysis

Section 4: Risk Identification

- Section Introduction
- The Role of Risk Appetite and Tolerance
- Identifying IT Risks
- IT Security Assessments
- SWOT Analysis Case Study: Cloud Computing
- Understanding Risk Interdependencies
- **Quiz 2: Risk Identification Section Quiz**

Section 5: Risk Assessments

- Section Introduction
- Types of Risk Assessments
- Qualitative Risk Assessments
- Quantitative Risk Assessments
- Sample Risk Assessment Scenarios
- **Quiz 3: Risk Assessments Section Quiz**

Section 6: Risk Responses and Controls

- Section Introduction
- The Four Risk Response Categories
- Risk Avoidance and Acceptance
- Risk Mitigation and Transference
- Understanding Security Controls
- Combined Risk Response Activities
- Understanding Residual Risk
- **Quiz 4: Risk Responses and Controls Section Quiz**

Section 7: The Risk Register

- Section Introduction
- What Is a Risk Register?
- Benefits of a Risk Register
- Risk Register Walk-Through

Section 8: Risk Monitoring and Control

- Section Introduction
- Monitoring & Control
- Two Methods of Risk Monitoring
- Risk Monitoring Tools
- The Risk PMO, Champions and Advocates
- **Quiz 5: Monitoring and Control Section Quiz**

Section 9: Why Risk Management Fails

- Why Risk Management Fails

Section 10: Conclusion & Next Steps

- Course Recap & Conclusion