Mitigating Security Risks

This course examines the myriad security threats faced by organisations today and how to prepare for them, respond to them, and prevent them.

IS THIS COURSE FOR YOU?

This is an intermediate-level security course for working or aspiring IT professionals seeking to deepen their understanding of best practice in data, cloud, and information security.

ABOUT THE COURSE

To mitigate cyber, data, cloud, and information security risks, you need solid knowledge of the complete network security process, from network design to deployment to continuous monitoring. In this course, you'll explore a variety of network security concepts and techniques for mitigating security risks.

Effective cybersecurity risk management requires intricate knowledge of day-to-day IT security risks, network vulnerabilities, and cyber attacks. You'll learn about cybersecurity breaches and how best to prevent them. You'll explore commonly used techniques to assess data security and you'll learn how to protect your organisation's data.

You'll also learn how to manage risks from both external and internal sources. You'll explore the policies, procedures, standards, and guidelines that underpin effective information security for an organisation.

You'll learn best practices for security breach incident management. And you'll explore business continuity planning to ensure that your organisation functions smoothly during an unplanned incident or disaster.

AIMS AND OBJECTIVES

This course is designed to deepen your understanding of IT security risks and how to prepare for and respond to them.

PRE-REQUISITES

Security+ course completion or certification or equivalent background and experience.

COURSE CONTENT

Module 1 - Managing Network & Infrastructure Security Risks

Module 2 - Managing Physical Security Risks

Module 3 - Cyber Security Risks

Module 4 - Managing Security in a Hybrid Workplace

Module 5 - Managing Social Engineering Risks

Module 6 - Information, Cloud & Data Security Risk Considerations

Module 7 - Managing Information, Cloud & Data Security Risks

Module 8 - Handling Natural Threats

Module 9 - Managing Risks from Internal Stakeholders

Module 10 - Maintaining a Secure Workplace

Module 11 - Information Security Governance

Module 12 - Managing the Incidents

Module 13 - Maintaining Business Continuity

CAREER PATH

This course will be helpful to anyone who has or seeks responsibility for an organisation's data, cloud, and information security.

COURSE DURATION

30 hours. This will vary from individual to individual based on prior knowledge and ability.

CPD POINTS: 30
CPD points awarded upon successful completion.

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