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Online Course

Course Modules

1.Introduction

- Scope of ISO/IEC 27000 series of standards
- Recognize industry standards/best prctcs in Service Mngmnt
- •Contnt & correlate btwn ISO/IEC 27001:2005 & ISO/IEC 27002
- Definition and need for Information Security and (ISMS)
- •Importance of an Info Security Management System (ISMS)
- Value and Reliability of Information
- •Benefits and Critical Success factors of an (ISMS)

2. Organization of Information Security

- Management responsibility
- Confidentiality agreements
- Contact authorities and special interest parties
- Independent review of information security
- Addressing security when dealing with external parties

3.Information Security Management System

- Information Security Policy
- General ISMS requirements
- Structure of policies
- Establishing and managing ISMS
- Documentation requirements
- Management review of the ISMS
- ISMS improvement

4.ISMS Implementation

- Defining ISMS scope, boundaries and ISMS policy
- Asset Management
- Risk Assessment and Treatment
- Informatn security aspects of business continuity management

5. Human resources, physical and environmental security

- •Human Resources Security: Prior to employment
- •Human Resources Security: During employment
- •Human Resourcs Security: Termination or change of employmt
- Physical and Environmental Security: Secure areas
- Physical and Environmental Security: Equipment security

6. Communications and operations management

- Operational procedures and responsibilities
- Third party service delivery management
- System Planning and acceptance
- Protection against malicious and mobile code
- Back-up
- Network security management
- Media handling
- Exchange of information
- Electronic commerce services
- Monitoring

7.Access Control

- Access control policy
- •User access management
- User responsibilities
- Network access control
- Operating system access control
- Application and information access control
- Mobile computing and teleworking

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8.Info systems acquisition, development & maintenance

- Security requirements of information systems
- Correct processing in applications
- Cryptographic controls
- Security of system files
- Security in development and support processes
- Technical vulnerability management

9.Compliance

- Compliance with legal requirements
- Compliance with security policies & stds, & technol compliance
- Internal ISMS audits

10. Information Security Incident Management

- Reporting information security events
- Management of information security incidents & improvements











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The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.



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