

ISACA Cybersecurity Fundamentals – ITCA

Chapter 01 – Security Fundamentals

- 1.1 Learning Objectives
- 1.2 Overview
- 1.3 What is Security
- 1.4 Types of Security
- 1.5 Specialised System
- 1.6 Roles and Responsibility
- 1.7 Governance, Risk Management and Compliance
- 1.8 Cybersecurity Governance
- 1.9 Resilience
- 1.10 Business Continuity and Disaster Recovery
- 1.11 Business Impact Analysis
- 1.12 Recovery Concepts
- 1.13 Information Security Objectives
- 1.14 Privacy
- 1.15 Privacy vs Security
- 1.16 Chapter 01 – Knowledge Check

Chapter 02 – Threat landscape

- 2.1 Learning Objectives
- 2.2 Cyberrisk
- 2.3 Threats
- 2.4 Vulnerabilities
- 2.5 Cyberattack
- 2.6 Attack Attributes
- 2.7 Attack Process
- 2.8 Malware and Attacks
- 2.9 Risk Assessment
- 2.10 Supply Chain Considerations
- 2.11 Risk Management Lifecycle
- 2.12 Managing Risk
- 2.13 Using The Results of Risk Assessment
- 2.14 Chapter 02 – Knowledge Check

Chapter 03 – Securing Assets

- 3.1 Learning Objectives
- 3.2 Risk Identification, Standard, Frameworks and Industry Guidance
- 3.3 Architecture, Models and Frameworks
- 3.4 Security Controls
- 3.5 Chapter 03 – Knowledge Check

Chapter 04 – Security Operations and Response

- 4.1 Learning Objectives
- 4.2 Security Operations
- 4.3 Tools and Technologies
- 4.4 Incident handling
- 4.5 Forensics
- 4.6 Chapter 04 – Knowledge Check