

About the Course

With the increasing number of cyberthreats, it is becoming critical for audit plans to include cybersecurity. This course provides audit/assurance professionals with the knowledge needed to excel in cybersecurity audits.

This course is designed for current and future information security auditors and IT professionals interested in advancing their career and for those looking to consolidate their information systems auditing knowledge.

Learning Objectives

Familiarity with Information Security Audit

1

Being able to plan Information Security Audit

2

Being able to perform Information Security Audit

3



6

Being able to Conduct Follow-Up Activities

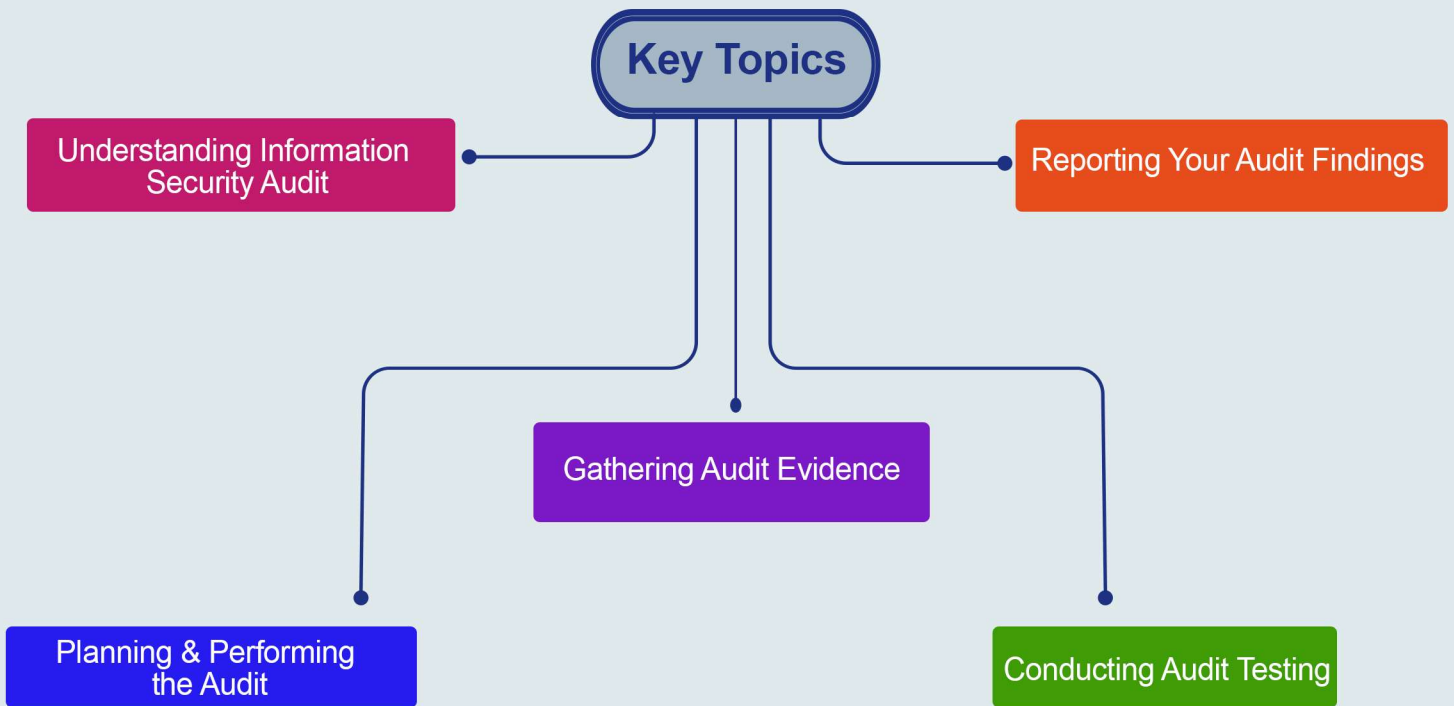
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Being able to Report Your Audit Findings

4

Being able to gather Audit Evidence

Key Topics



Pre Requisites

- Network Concepts
- Information Security Concepts & Principles Course
- ISMS Project Management Course

What You Will Receive



Course Presentation File



Complementary Files

Information Security Audit eBook

Who Should Attend

- CISOs
- Information Security Specialists
- Information Security Auditors
- Security Policy Officers



Syllabus



Understanding Information Security Audits

- o IS Audit Standards, Guidelines and Codes of Ethics
- o Specific Regulations Defining Best Practices
- o Policies, Standards, Guidelines, and Procedures
- o Preventing Ethical Conflicts
- o Purpose of an Audit
- o Applying an Independence Test
- o Classifying Basic Types of Audits
- o Comparing Audits to Assessments
- o Auditor's Responsibility
- o Auditor Role versus Auditee Role
- o Understanding the Importance of Auditor Confidentiality
- o Working with Lawyers
- o Retaining Audit Documentation
- o Providing Good Communication and Integration
- o Understanding Leadership Duties
- o Planning and Setting Priorities
- o Providing Standard Terms of Reference
- o Dealing with Conflicts and Failures
- o Identifying the Value of Internal and External Auditors
- o Understanding the Evidence Rule
- o Identifying Who You Need to Interview



Planning the Audit

- o Identifying Roles in a Corporate Organizational Structure
- o Identifying Roles in a Consulting Firm
- o Organizational Structure
- o Reviewing Business Processes
- o Identifying Restrictions on Scope

Syllabus

- o Reviewing Existing Controls
- o Understanding the Required Type of Audit
- o Choosing a Risk Management Strategy
- o Role of the Audit Committee
- o Engagement Letter

“ “ **Performing the Audit**

- o Audit Project Management
- o Allocating Staffing
- o Ensuring Audit Quality Control
- o Defining Auditee Communications
- o Data Collection Techniques & Sampling Methodology
- o Data Analytics
- o Reporting and Communication Techniques
- o Quality Assurance and Improvement of the Audit Process

“ “ **Gathering Audit Evidence**

- o Using Evidence to Prove a Point
- o Types of Evidence
- o Typical Evidence for IS Audits
- o Using Computer Assisted Audit Tools
- o Electronic Discovery
- o Grading of Evidence
- o Timing of Evidence
- o Evidence Life Cycle
- o Preparing Audit Documentation
- o Selecting Audit Samples

Syllabus



Reporting Your Audit Findings & Follow Up

- o Identifying Omitted Procedures
- o Conducting an Exit Interview
- o Conducting Follow-Up Activities

Hands-on Training



- Lab 1: Planning the Audit
- Lab 2: Performing the Audit
- Lab 3: Gathering Audit Evidence
- Lab 4: Conducting Audit Testing
- Lab 5: Reporting Your Audit Findings