

Information System Audit – Banking Institutions

LEARNING OBJECTIVES:

By the end of the training, participants should:

- Understand the principles and methodologies of IT auditing.
- Gain insights into the most current IT compliance laws, regulations, and standards.
- Learn to identify and mitigate IT-related risks within an organization.
- Master the skills to plan, conduct, and report IT audits effectively.
- Develop strategies to ensure ongoing compliance and governance in the IT

landscape.

COURSE OUTLINE:

1. *Fundamentals of IT Auditing*

- ❖ Introduction to IT auditing: Purpose and scope.
- ❖ IT auditing methodologies and frameworks.
- ❖ Planning and conducting an IT audit.

2. *Understanding IT Compliance*

- ❖ Overview of IT compliance: Laws, regulations, and standards.
- ❖ Key IT compliance frameworks (e.g., GDPR, HIPAA, SOX).
- ❖ Roles and responsibilities in IT compliance.

3. *Risk Management in IT Auditing*

- ❖ Identifying and assessing IT risks.
- ❖ Implementing risk management strategies.
- ❖ Tools and techniques for IT risk management.

4. *IT Governance and Controls*

- ❖ Principles of IT governance.
- ❖ Designing and implementing IT controls.
- ❖ Monitoring and reviewing IT controls.

5. *Auditing IT Infrastructure and Operations*

- ❖ Auditing network security and architecture.
- ❖ Evaluating IT operational practices.
- ❖ Assessing cloud and third-party services.

6. *Data Protection and Privacy*

- ❖ Principles of data protection and privacy.
- ❖ Auditing data protection practices.
- ❖ Compliance with data protection laws.

7. *Cybersecurity Auditing*

- ❖ Cybersecurity threats and vulnerabilities.
- ❖ Auditing cybersecurity policies and practices.
- ❖ Incident response and recovery planning.

8. *Reporting and Follow-Up*

- ❖ Preparing audit reports: Structure and content.
- ❖ Communicating audit findings and recommendations.
- ❖ Follow-up practices for audit recommendations.

METHODOLOGY

The training delivery is expected to include:

- Interactive lectures to build foundational and advanced knowledge.
- Case studies of real-world auditing challenges and compliance scenarios.
- Discussions for sharing experiences and strategies.

ACCREDITATION

Upon successful completion of the training, training/course completion certificate is expected to be received by the participants.

TRAINING DURATION:

- 5 days