

IT Audit Fundamental Certificate

Course Duration : 24 Hours

Course code : ITAF

1. Course Overview

The IT Audit Fundamental Certificate course is designed to provide a strong foundation in IT auditing concepts, processes, and best practices. This course introduces learners to the fundamentals of auditing information systems, assessing internal controls, and ensuring compliance with policies and regulations. It is ideal for beginners and professionals who want to start or strengthen their career in IT audit, risk, and compliance.

2. What you'll learn?

- Fundamentals of IT auditing and assurance
- IT governance and internal control concepts
- Risk assessment and audit planning
- Evaluating IT processes and controls
- Compliance, documentation, and audit reporting
- Introduction to cybersecurity and technology risks

3. Target Audience

- Entry-level IT Auditors
- Internal Auditors and Finance Professionals
- Risk and Compliance Executives
- IT Professionals transitioning into audit roles
- Students and graduates interested in IT audit careers

4. Pre-Requisites

- Basic understanding of computers and IT concepts
- No prior audit or security experience required

5. Course Content (Modules)

Module 1: Introduction to Cyber Security Auditing

- Cybersecurity audit objectives and scope
- Audit standards and frameworks
- Roles and responsibilities of a security auditor

Module 2: Security Governance and Risk Management

- Governance structures and policies
- Risk assessment and management techniques
- Compliance requirements and regulatory standards

Module 3: Infrastructure and Network Security Audit

- Network security controls and firewalls
- Server, endpoint, and cloud security audits
- Identity and access management (IAM)

Module 4: Application and Data Security Audit

- Secure application development review
- Data protection and encryption controls
- Privacy and data security considerations

Module 5: Vulnerability Assessment and Incident Management

- Vulnerability scanning and penetration testing overview
- Incident response and handling audits
- Audit reporting and remediation planning

