



CENTRAL BANK OF EGYPT
Egyptian Banking Institute

IT Auditing for Internal Auditors

ACCREDITED BY
ACCETQ
A Partnership for Quality

Accounting and Audit



424-P26-CE-1



In-Class



24 hours

Course Description:

This course is tailored for internal auditors, quality assurance professionals, and IT internal control candidates, equipping them to effectively plan, execute, and report on risk-based IT audits by mastering techniques to assess IT risks, evaluate governance, operations, security, and continuity processes, and formulate professional audit opinions, all through structured modules, exercises, and real-world scenarios aligned with IIA standards.

Target Audience:

This course is designed for internal auditors, quality assurance professionals, and candidates who work in IT internal control.

Course Objectives:

- Define risk-based IT auditing.
- Explain auditing IT policies and procedures.
- Explain auditing IT operations and administration.
- Explain auditing development, acquisition, and implementation.
- Clarify auditing information security.
- Explain auditing business continuity and disaster recovery.
- Clarify auditing application controls.
- Apply the IT audit mission.

Course Outline:

Module 1: IT Audit Planning

- Risk-Based IT audit.
- Defining the IT audit universe.
- Assessing IT audit risk.
- IT audit plan.

Module 2: Auditing IT Policies and Procedures

- Policies, standards, guidelines, and procedures.
- The organization's IT policies, standards, and procedures.

Module 3: Auditing IT Operations and Administration

- Key elements of IT operations.
- Review of IT operations.
- Review of platform (OS) administration.
- Auditing databases.

Module 4: Auditing Development, Acquisition, and Implementation

- Key elements of development & acquisition.
- Reviewing development & acquisition.
- Change management.
- Evaluating the change management process.

Module 5: Auditing Information Security

- Security Operations Center (SOC).
- IT security processes.
- Information security processes.
- Auditing IT security.
- Information security and external parties.

Module 6: Auditing Business Continuity and Disaster Recovery

- Business continuity explained.
- Disaster recovery planning.
- Auditing BCP/DRP.

Module 7: Auditing Application Controls

- Scoping application controls.
- Application review approaches.

Module 8: IT Audit Mission Execution

- Writing the audit work program.
- Gathering evidence.
- Sampling techniques.
- Formulating and expressing IT audit opinions



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Assessment Strategy:

Participants will be informally assessed based on their interaction during sessions and participation in group exercises.

Course completion will grant participants:

2 CEUs.

Course Language:

English.

Prerequisites:

Basic understanding of IT processes