



424-P25-CE



In-Class



24 hours

### Course Description:

This course explains key aspects of IT auditing, including the establishment of IT audit programs and the process of conducting audits. It identifies relevant standards, methodologies, frameworks, and sources of guidance to enable IT auditors to perform the audit function in a way that maximizes the value they provide to the bank.

### 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.

### Assessment Strategy:

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

**Upon Successful Completion of This Course, Participants Will Obtain:**  
2 CEUs.

### Course Language:

English

### Prerequisites:

Basic understanding of IT processes.