



CENTRAL BANK OF EGYPT
Egyptian Banking Institute

Fraud Detection, Prevention, and Resolution

ACCREDITED BY
ACCETQ
A Partnership for Quality

Compliance and Governance



491-P26-VE-1



Virtual



22 hours

Course Description:

This course is designed for professionals responsible for managing fraud risks within organizations. Participants will learn to apply practical approaches and techniques to implement a fraud deterrence framework in real organizational settings to ensure effective and efficient fraud prevention efforts.

Target Audience:

- Compliance officers.
- Business managers.
- Business analysts.
- Internal controls personnel.
- Operations management.
- Fraud deterrence teams.

Course Objectives:

By the end of the program, participants will be able to:

- Introduce Fraud Deterrence.
- Define Employee Fraud.
- Explain the fraud deterrence framework and assessment.
- Define Fraud Detection.
- Describe Data Analytics.
- Explain the areas of higher risk of fraud.
- Define Cybercrime.
- Explain how to deal with concerns.

Course Outline:

Module 1: Introduction to Fraud Deterrence

Session 1: Introduction to Fraud Deterrence

- What is Fraud?
- What do we know about Fraud?
- Who commits fraud?
- Who are the Victims of Fraud?
- Motivational factors.

- Key identifiers of the fraudster.
- Components of Fraud.
- What Factors Lead to Fraud?
- The Impact of Fraud.
- Types of fraud.
- Five facts about fraud.
- Key Types of Personal Fraud.
- What are bribery and corruption?
- Corruption Risk.
- Bribe Patterns.
- Key areas of high risk of fraud.
- Know your employee.
- Case study.
- Assignment.

Module 2: Employee Fraud

Session 1: Employee Fraud

- Employee Fraud.
- The impact of fraudulent activities.
- What to do once fraud is detected?
- Guidance on How to Solve Ethical Dilemmas.
- Hiring Processes.
- Employee Anti-Fraud Training.
- Mandatory Time Off and Rotation of Job Duties.
- 9 Actions to identify vendor/employee fraud and any conflict of interest.
- Case study.
- Assignment.

Module 3: The Fraud Deterrence Framework and Assessment

Session 1: The Fraud Deterrence Framework and Assessment

- Key elements of the fraud risk management framework.
- What is fraud risk appetite?
- Fraud Risk Appetite – What are the Weaknesses?
- Why use data analytics?



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- What data mining can and cannot do.
- Using data analytics.
- Governance issues.
- What is a fraud risk register?
- The fraud risk registers in practice.
- How should you Work Out How Susceptible Your Business is to Fraud Risk?
- What are the key pressure points?
- Are there any indicators that might suggest that fraud is being perpetrated?
- The signals of Fraud.
- Mention Concealment.
- What are the key controls that a firm needs to have?
- Fraud Monitoring and Auditing.
- Case study.
- Assignment.

Module 4: Fraud Detection

Session 1: Fraud detection

- What are the warning signs?
- Developing and analyzing fraud scenarios.
- What information will the business need to evaluate the risk?
- How will the business use data mining?
- Systems and solutions.
- Fraud detection techniques.
- Case Study.
- Assignment.

Module 5: Data Analytics

Session 1: Data Analytics

- Fraud Data Mining & Profile.
- Using Data Analytics.
- Data Mining.
- Data Analytics v Sampling.
- Prevention or Detection.
- Predictive Analytics.

- Cheque Theft.
- Cancelled Cheques.
- Periodic or Continuous Monitoring.
- Analytics Techniques.
- Decision Trees.
- How Fraud is Concealed in Data.
- Data Manipulation and Reporting.
- Standard Search Approaches.
- Benford's Law.
- Data Integrity.
- Duplicates and Gaps.
- Case study.
- Assignment.

Module 6: Areas of Higher Risk of Fraud

Session 1: Areas of Higher Risk of Fraud

- Accounting and Financial Records.
- Accounting and Financial Records (ISA240).
- Income Recognition.
- Disbursements.
- Categories of Vendor Fraud.
- Billing Schemes.
- Overbilling.
- Duplicate Billing.
- Bribery or Extortion.
- Procurement.
- Payroll and HR.
- Case study.
- Assignment.

Module 7: Cybercrime

Session 1: Cybercrime

- What is a cybersecurity risk management strategy?
- The benefits of a cybersecurity strategy.



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- Building Enterprise Security Architecture (ESA).
- The approaches for developing an effective strategy.
- The meaning of security policy.
- Cybersecurity policy.
- Security policy principles.
- CIPS cyber essentials.
- Social Media.
- Social Media Fraud.
- Cybersecurity risk management policy.
- Case study.
- Assignment.

Module 8: Dealing with Concerns

Session 1: Dealing with Concerns

- Fraud Response Strategies
- Roles and Responsibilities.
- The Triage Process.
- Identifying an Incident.
- ACFE Code of Professional Ethics - A Certified Fraud Examiner Shall.
- Avoidance of Illegal Activities and Conflicts of Interest.
- The Highest Level of Integrity and Completing Assignments Competently.
- Testifying Truthfully and Without Bias or Prejudice.
- Evidence and Documentation.
- Control of Confidential Information.
- Reporting All Important Matters Discovered During an Examination.
- The Fraud Investigation Process.
- Four Types of Evidence.
- Assignment.

Module 9: Impact Session

- Gathering feedback from participants to recap the key topics covered in the training.

- Group activity (Split the participants into groups to share experience, by discussing challenges faced and successes achieved, then share the top challenges and solutions to the whole group for more effective outcomes).
- Encouraging the participants to solve a case study by sharing one takeaway to apply what they learned.

Assessment Strategy

- 80% Assignments.
- 20% Participation.
- 60% Cut-off score.

Course completion will grant participants:

2 CEUs

Course Language:

English

Prerequisites:

None

Certificate requirements:

Participants must attend an impact session, which will take place 3–4 weeks after the last day of the course, in order to receive the certificate. This session will last two hours, and its duration will be included in the total program hours. In addition to completing all the required assignments and attending at least 80% of the course duration.