Financial Crime Investigation in Banking Training Course

Professional Development Training Course Outline

Category	Banking Institute	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The modern financial landscape is currently undergoing a radical transformation as AI-powered fraud and sophisticated criminal networks exploit the seams of digital innovation. Banks are no longer just fighting individual bad actors; they are defending against organized synthetic identity fraud and high-velocity real-time payment scams. To remain resilient, financial institutions must shift from reactive, siloed defenses to a proactive, data-centric intelligence framework that integrates fraud detection with robust Anti-Money Laundering (AML) protocols to effectively dismantle emerging threats before they materialize.

Financial Crime Investigation in Banking Training Course is meticulously designed to bridge the gap between theoretical regulatory requirements and operational reality. By leveraging advanced predictive analytics, graph network analysis, and behavioral biometric monitoring, participants will transition from basic alert handling to becoming high-level investigators capable of mapping complex money laundering pathways. Through immersive, hands-on case study simulations, learners will master the art of uncovering hidden relationships within vast datasets, ensuring their institution remains ahead of the curve in a globally volatile security environment.

Programme Curriculum

Financial Crime Investigation in Banking Training Course

Introduction

The modern financial landscape is currently undergoing a radical transformation as AI-powered fraud and sophisticated criminal networks exploit the seams of digital innovation. Banks are no longer just fighting individual bad actors; they are defending against organized synthetic identity fraud and high-velocity real-time payment scams. To remain resilient, financial institutions must shift from reactive, siloed defenses to a proactive, data-centric intelligence framework that integrates fraud detection with robust Anti-Money Laundering

(AML) protocols to effectively dismantle emerging threats before they materialize.

Financial Crime Investigation in Banking Training Course is meticulously designed to bridge the gap between theoretical regulatory requirements and operational reality. By leveraging advanced predictive analytics, graph network analysis, and behavioral biometric monitoring, participants will transition from basic alert handling to becoming high-level investigators capable of mapping complex money laundering pathways. Through immersive, hands-on case study simulations, learners will master the art of uncovering hidden relationships within vast datasets, ensuring their institution remains ahead of the curve in a globally volatile security environment.

Course Duration

5 days

Course Objectives

1. Master AI-driven anomaly detection to identify non-linear financial patterns.
2. Implement FRAML (Fraud & AML convergence) strategies for a unified risk view.
3. Detect and dismantle synthetic identity fraud across omnichannel platforms.
4. Apply graph network analytics to visualize and disrupt illicit money flows.
5. Develop resilience against authorized push payment (APP) scams and social engineering.
6. Utilize behavioral biometrics to authenticate users and prevent account takeovers.
7. Execute effective source-of-funds (SoF) and source-of-wealth (SoW) deep-dive investigations.
8. Navigate international sanctions regimes and cross-border regulatory compliance.
9. Optimize Suspicious Activity Report (SAR) filings with high-fidelity evidence.
10. Mitigate risks associated with cryptocurrency money laundering and mixer services.
11. Master Open-Source Intelligence (OSINT) techniques for enhanced due diligence.
12. Design proactive real-time transaction monitoring rules to reduce false positives.
13. Coordinate inter-agency responses for complex asset recovery operations.

Target Audience

- Financial Crime Analysts & Investigators
- AML/KYC Compliance Officers
- Fraud Prevention Specialists
- Internal Audit & Risk Managers
- Digital Banking Operations Teams
- Financial Intelligence Unit (FIU) Staff
- Cybersecurity Forensic Analysts
- Bank Legal Counsel & Regulatory Liaisons

Curriculum Modules

1. The Evolving Threat Landscape

- Emerging tactics in digital fraud.
- The psychology of social engineering.
- Mapping organized crime networks.
- **Case Study:** Analyzing a multi-channel ATO (Account Takeover) attack.
- Regulatory shifts toward proactive monitoring.

2. Unified Risk Intelligence (FRAML)

- Breaking silos: Integrating Fraud & AML data.
- Data architecture for holistic visibility.
- Knowledge graph fundamentals.
- **Case Study:** Unifying siloed transaction data to reveal an illicit syndicate.
- Optimizing inter-departmental workflows.

3. Advanced Behavioral Analytics

- Leveraging behavioral biometrics.
- Device fingerprinting and geolocation.
- Predicting user behavior anomalies.
- **Case Study:** Disrupting a high-velocity real-time payment fraud attempt.
- Defining "normal" vs. "suspicious" user journeys.

4. Synthetic Identity & Document Verification

- Spotting fabricated identities.
- Techniques for robust KYC/CDD.
- Advanced document security checks.
- **Case Study:** Identifying a synthetic persona network in retail lending.
- Automated verification and manual overrides.

5. Cryptocurrency & Virtual Assets

- Blockchain tracking and wallet analysis.
- Regulatory hurdles in crypto-fiat gateways.
- Identifying mixer usage and obfuscation.
- **Case Study:** Tracing the flow of funds through a crypto-exchange.
- Implementing effective crypto-AML controls.

6. Investigative Accounting & Asset Tracing

- Source-of-Funds vs. Source-of-Wealth.
- Uncovering offshore shell companies.
- Techniques for international asset recovery.
- **Case Study:** Decoding a complex web of shell companies and nominees.
- Working with international legal assistance (MLATs).

7. OSINT & Digital Footprinting

- Using non-public databases for research.
- Effective social media and deep-web scraping.
- Verifying digital evidence for court.
- **Case Study:** Building an evidentiary case file using OSINT tools.
- Maintaining ethical and legal boundaries.

8. Crisis Response & SAR Optimization

- Structuring high-quality, actionable reports.
- Managing regulatory inquiries.
- Internal escalation protocols.
- **Case Study:** Preparing a case file for law enforcement handover.

- Post-mortem analysis and system improvements.

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: **info@fineskilltrainingcenter.org** **or call** *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
07 Sep 2026	11 Sep 2026	Online	$1,000
07 Sep 2026	11 Sep 2026	Physical	$1,500
14 Sep 2026	18 Sep 2026	Online	$1,000

Start Date	End Date	Location	Price
14 Sep 2026	18 Sep 2026	Physical	$1,500
21 Sep 2026	25 Sep 2026	Online	$1,000
21 Sep 2026	25 Sep 2026	Physical	$1,500
28 Sep 2026	02 Oct 2026	Online	$1,000
28 Sep 2026	02 Oct 2026	Physical	$1,500

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com