Treasury Technology for Banks 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

In today’s rapidly evolving digital banking ecosystem, Treasury Technology has become a strategic enabler for real-time liquidity management, automated cash forecasting, API-driven integration, cloud-based treasury systems, and advanced data analytics. Banks are increasingly leveraging AI-powered treasury platforms, blockchain-enabled payments, digital transformation strategies, and fintech collaboration models to enhance operational efficiency, reduce risk, and deliver seamless customer experiences. Treasury Technology for Banks Training Course provides a comprehensive, future-focused understanding of how treasury management systems (TMS), payment hubs, SWIFT connectivity, and ERP integrations are reshaping modern treasury functions in financial institutions.

This intensive training program equips participants with practical insights into treasury digitization, cybersecurity frameworks, data governance, real-time reporting dashboards, and regulatory technology (RegTech). It emphasizes the adoption of cloud-native architectures, open banking APIs, robotic process automation (RPA), and predictive analytics to optimize treasury operations. Through real-world case studies, participants will gain hands-on knowledge of implementing end-to-end treasury technology solutions, enhancing decision-making capabilities, and driving innovation in bank treasury operations.

Programme Curriculum

Treasury Technology for Banks Training Course

Introduction

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Course Duration

5 days

Course Objectives

1. Understand digital treasury transformation strategies in banking
2. Implement AI-driven liquidity forecasting models
3. Optimize real-time cash visibility and positioning systems
4. Integrate API-based treasury and payment platforms
5. Strengthen cybersecurity frameworks in treasury systems
6. Apply blockchain technology in cross-border payments
7. Enhance data analytics and visualization for treasury insights
8. Deploy cloud-based treasury management systems (TMS)
9. Improve regulatory compliance using RegTech solutions
10. Automate workflows using Robotic Process Automation (RPA)
11. Design scalable treasury IT architecture frameworks
12. Implement SWIFT connectivity and payment integration solutions
13. Leverage predictive analytics for risk management and forecasting

Target Audience

1. Treasury Managers and Treasury Analysts
2. Banking IT and Digital Transformation Teams
3. Risk and Compliance Officers
4. Payments and Cash Management Professionals
5. Fintech and Innovation Specialists
6. Financial Controllers and CFO Office Teams
7. Operations and Back-Office Professionals
8. Core Banking and System Integration Specialists

Training Modules

Module 1: Treasury Technology Landscape & Digital Transformation

- Evolution of treasury technology in banking
- Digital transformation frameworks and strategies
- Role of fintech partnerships and innovation labs
- Overview of treasury systems architecture
- Emerging trends: AI, blockchain, cloud

- *Case Study:* Digital transformation of a global bank’s treasury operations

Module 2: Treasury Management Systems (TMS) Implementation

- Core components of TMS platforms
- Vendor selection and system integration
- Workflow automation and configuration
- Real-time dashboards and reporting tools
- Data migration and system testing
- *Case Study:* Successful TMS implementation in a mid-tier bank

Module 3: Payments Technology & SWIFT Integration

- Payment hubs and processing systems
- SWIFT network and messaging standards
- Cross-border payment technologies
- API-based payment integrations
- Fraud detection and monitoring tools
- *Case Study:* SWIFT integration enhancing international payment efficiency

Module 4: Liquidity Management & Cash Forecasting Technologies

- Real-time liquidity monitoring tools
- AI-driven cash forecasting models
- Intraday liquidity management systems
- Cash pooling and optimization technologies
- Stress testing and scenario modeling tools
- *Case Study:* AI-based liquidity forecasting improving decision accuracy

Module 5: Cloud Computing & Treasury Infrastructure

- Cloud-native treasury platforms
- Benefits of cloud adoption in treasury
- Data security and compliance in cloud environments
- System scalability and performance optimization
- Disaster recovery and business continuity planning
- *Case Study:* Migration of treasury systems to cloud infrastructure

Module 6: Data Analytics, AI & Reporting in Treasury

- Big data analytics in treasury operations
- AI and machine learning applications
- Predictive analytics for risk and liquidity
- Data visualization tools and dashboards
- Real-time reporting and decision support systems
- *Case Study:* Data-driven treasury insights improving profitability

Module 7: Cybersecurity & Risk Management in Treasury Systems

- Cyber threats in banking treasury systems
- Security frameworks and protocols
- Fraud prevention technologies

- Identity and access management (IAM)
- Regulatory compliance and audit controls
- *Case Study:* Cybersecurity breach mitigation in treasury systems

Module 8: Open Banking, APIs & Future Treasury Innovations

- Open banking ecosystem and API frameworks
- Integration with fintech and third-party platforms
- Blockchain and distributed ledger technology (DLT)
- Digital currencies and CBDCs in treasury
- Future trends in treasury technology innovation
- *Case Study:* API-driven treasury innovation in a digital bank

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
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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

Register Online Now

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