Global Capital Markets Infrastructure Training Course

Professional Development Training Course Outline

Category	Capital Markets and Investment	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Global Capital Markets Infrastructure Training Course is a high-impact, industry-driven program designed to equip financial professionals with advanced knowledge in securities markets infrastructure, financial market architecture, clearing and settlement systems, central counterparties, payment systems, and post-trade operations. In today’s rapidly evolving global financial ecosystem, institutions require robust, resilient, technology-enabled capital markets infrastructure aligned with international regulatory frameworks, digital transformation strategies, risk governance standards, and financial stability mechanisms. This course delivers comprehensive expertise in exchange operations, central securities depositories, trade lifecycle management, cross-border settlement, liquidity management, and systemic risk mitigation within global financial markets.

Participants will gain deep insights into financial market utilities, SWIFT connectivity, blockchain in capital markets, fintech-driven transformation, cybersecurity resilience, regulatory compliance frameworks, collateral optimization, and market infrastructure governance. With a strong focus on operational efficiency, digital innovation, risk-based supervision, and global best practices, the program integrates real-world case studies from mature and emerging markets. It is ideal for institutions seeking to strengthen market integrity, transparency, interoperability, and sustainable financial market development in line with global capital markets standards.

Programme Curriculum

Global Capital Markets Infrastructure Training Course

Introduction

Global Capital Markets Infrastructure Training Course is a high-impact, industry-driven program designed to equip financial professionals with advanced knowledge in securities markets infrastructure, financial market architecture, clearing and settlement systems, central counterparties, payment systems, and post-trade operations. In today's rapidly evolving global financial ecosystem, institutions require robust, resilient, technology-enabled capital markets infrastructure aligned with international regulatory frameworks, digital transformation strategies, risk governance standards, and financial stability mechanisms. This course delivers comprehensive expertise in exchange operations, central securities depositories, trade lifecycle management, cross-border settlement, liquidity management, and systemic risk mitigation within global financial markets.

Participants will gain deep insights into financial market utilities, SWIFT connectivity, blockchain in capital markets, fintech-driven transformation, cybersecurity resilience, regulatory compliance frameworks, collateral optimization, and market infrastructure governance. With a strong focus on operational efficiency, digital innovation, risk-based supervision, and global best practices, the program integrates real-world case studies from mature and emerging markets. It is ideal for institutions seeking to strengthen market integrity, transparency, interoperability, and sustainable financial market development in line with global capital markets standards.

Course Objectives

1. Develop advanced knowledge of global capital markets infrastructure architecture.
2. Analyze securities clearing and settlement frameworks using global best practices.
3. Evaluate central counterparty risk management and default waterfall mechanisms.
4. Strengthen understanding of central securities depositories and custody operations.
5. Assess payment systems infrastructure and real-time gross settlement models.
6. Implement regulatory compliance aligned with IOSCO and Basel standards.
7. Enhance operational resilience and cybersecurity risk frameworks.
8. Optimize collateral management and liquidity risk strategies.
9. Examine fintech innovation including blockchain and distributed ledger technology.
10. Improve cross-border settlement and interoperability frameworks.
11. Strengthen governance, transparency, and financial stability measures.
12. Apply systemic risk monitoring and macroprudential surveillance tools.
13. Design scalable, technology-enabled capital markets infrastructure solutions.

Organizational Benefits

- Improved operational efficiency in post-trade processing
- Enhanced regulatory compliance and audit readiness
- Reduced settlement risk and counterparty exposure
- Stronger liquidity and collateral optimization frameworks

- Increased cybersecurity and operational resilience
- Greater transparency and market integrity
- Improved cross-border transaction efficiency
- Strengthened governance and oversight structures
- Adoption of fintech-driven infrastructure modernization
- Sustainable financial market development strategies

Course Bulletins

- Global securities exchanges ecosystem overview
- Clearing houses and CCP operational frameworks
- Trade lifecycle automation models
- SWIFT messaging standards and ISO 20022
- Delivery versus payment mechanisms
- Risk-based supervision principles
- Settlement finality and legal frameworks
- Cross-border capital flow management
- Digital assets infrastructure evolution
- Financial market utilities governance

Target Audiences

- Central bank professionals
- Securities exchange executives
- Clearing house and CCP managers
- Central securities depository officers
- Investment bank operations teams
- Financial regulators and supervisors
- Risk and compliance professionals
- Fintech and digital transformation leaders

Course Duration: 5 days

Course Modules

Module 1: Global Capital Markets Architecture

- Structure of global securities markets
- Roles of exchanges, OTC markets, and trading venues
- Market infrastructure institutions and utilities
- Regulatory architecture and oversight models
- Market connectivity and interoperability frameworks
- Case Study: Structural evolution of the London Stock Exchange

Module 2: Clearing and Settlement Systems

- Trade lifecycle management
- Delivery versus payment mechanisms
- Settlement cycles and T+ frameworks
- Central counterparty clearing models
- Risk mitigation and margining systems
- Case Study: Clearing reforms after the 2008 global financial crisis

Module 3: Central Securities Depositories and Custody

- CSD operational models
- Asset servicing and corporate actions
- Cross-border custody services
- Securities safekeeping mechanisms
- Dematerialization and immobilization frameworks
- Case Study: Euroclear cross-border settlement model

Module 4: Payment Systems and RTGS Infrastructure

- Real-time gross settlement systems
- Payment clearing houses
- Liquidity management in payment systems
- Intraday credit risk management
- ISO 20022 implementation strategies
- Case Study: TARGET2 payment system

Module 5: Risk Management and Financial Stability

- Systemic risk monitoring frameworks

- Default management processes
- Stress testing and scenario analysis
- Liquidity and credit risk controls
- Macroprudential supervision tools
- Case Study: CCP default waterfall mechanisms

Module 6: Regulatory Frameworks and Compliance

- IOSCO principles for financial market infrastructures
- Basel III implications
- Anti-money laundering compliance
- Governance and transparency standards
- Cross-border regulatory coordination
- Case Study: Regulatory harmonization in the European Union

Module 7: Digital Transformation and Fintech Innovation

- Blockchain and distributed ledger technology
- Digital assets custody infrastructure
- Cybersecurity resilience frameworks
- Artificial intelligence in post-trade processing
- Cloud computing in financial infrastructure
- Case Study: Blockchain settlement pilot projects

Module 8: Operational Resilience and Business Continuity

- Business continuity planning
- Disaster recovery frameworks
- Cyber risk management
- Third-party risk oversight
- Operational resilience testing
- Case Study: Exchange recovery after cyber disruption

Training Methodology

- Instructor-led expert presentations
- Interactive group discussions

- Real-world global case studies
- Simulation-based settlement exercises
- Regulatory framework analysis workshops
- Practical risk assessment exercises
- Technology demonstrations and fintech showcases
- Pre- and post-training assessments

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

Start Date	End Date	Location	Price
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