CRYPTOCURRENCIES FINANCIAL MARKET



GENTEX®
TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Introduction

Cryptocurrencies Financial Market Training Course builds the market knowledge and analytical skill that finance professionals, investors, and risk officers need to operate confidently in digital asset markets. Crypto markets trade continuously, settle on distributed ledgers, and price through mechanisms that differ from traditional exchanges. That difference creates both opportunity and specific risks. Weak understanding there produces custody failures, valuation errors, and unmanaged regulatory exposure. This course develops the knowledge that prevents those outcomes. It covers blockchain foundations, market structure, and instrument types. Furthermore, it applies valuation, trading, and custody practice. In addition, it develops regulation, tax, and market risk management. As a result, participants analyse and engage crypto markets with discipline.

Cryptocurrencies Financial Market Course Objectives

- Explain blockchain, distributed ledger, and consensus fundamentals.
- Classify crypto assets: currencies, tokens, stablecoins, and NFTs.
- Describe crypto market structure, exchanges, and liquidity venues.
- Distinguish centralised and decentralised exchange models.
- Apply valuation approaches to crypto assets and protocols.
- Interpret on-chain data and market indicators.
- Analyse price behaviour, volatility, and correlation patterns.
- Apply custody, wallet, and key management standards.
- Assess regulatory, AML, and tax obligations for crypto activity.
- Apply risk management, compliance, and reporting practices.

Course Methodology

- Interactive lectures with real crypto market and exchange cases.

GENTEX® TRAINING CENTER

- Market structure and instrument classification workshops.
- Valuation and on-chain data analysis exercises.
- Custody, risk, and regulatory case practice.
- Structured peer review with facilitator feedback on market analysis.

Who Should Take This Course

- Financial analysts and investment professionals.
- Treasury and digital asset desk staff.
- Risk, compliance, and AML officers.
- Fintech and payment professionals.
- Auditors and regulators covering digital assets.
- Advisors and consultants in digital finance.

Cryptocurrencies Financial Market Course Outlines

Day 1: Blockchain and Digital Asset Foundations

- Blockchain, distributed ledger, and consensus mechanisms.
- Public versus private and permissioned networks.
- Wallets, addresses, and public-private key pairs.
- Mining, staking, and network incentive models.
- Crypto asset taxonomy: currencies, tokens, stablecoins, and NFTs.
- Token standards and smart contract basics.
- Case study: mapping a blockchain network and its asset types.

Day 2: Market Structure and Trading Venues

- Centralised exchanges, order books, and matching engines.
- Decentralised exchanges, AMMs, and liquidity pools.
- Custodians, brokers, and over-the-counter desks.
- Stablecoin mechanics and reserve backing.
- Derivatives: futures, perpetual swaps, and options on crypto.
- Settlement, clearing, and counterparty risk in crypto.
- Workshop: comparing trading venues and their risk profiles.

Day 3: Valuation, Data, and Market Analysis

- Intrinsic, relative, and network valuation approaches.
- Discounted cash flow limits for protocol tokens.
- On-chain metrics: active addresses, transaction volume, and hash rate.
- Market indicators: market capitalisation, volume, and dominance.
- Technical analysis tools: moving averages and RSI.
- Correlation with traditional assets and portfolio impact.
- Workshop: valuing a crypto asset and interpreting on-chain data.

Day 4: Custody, Security, and Operational Risk

- Custody models: self-custody, hot, cold, and institutional.
- Key management, multi-signature, and MPC wallets.
- Private key loss, phishing, and hacking risk controls.
- Smart contract risk and audit considerations.
- Operational controls, reconciliation, and proof of reserves.
- Insurance, SLA, and service provider due diligence.
- Workshop: designing a custody and key management framework.

GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Day 5: Regulation, Tax, AML, and Risk Management

- Global regulatory landscape and licensing regimes.
- AML, CFT, and the FATF travel rule for virtual assets.
- Tax treatment of trading, staking, and mining income.
- Market risk, liquidity risk, and exposure limits.
- Compliance monitoring and suspicious activity reporting.
- Reporting, disclosure, and accounting considerations.
- Course review, assessment, and action planning.

Conclusion

By successfully completing Cryptocurrencies Financial Market, participants will gain a thorough understanding of blockchain and digital asset foundations, crypto market structure and trading venues, valuation and on-chain market analysis, custody and operational security, and regulation, tax, AML and risk management. They will also acquire practical skills in digital asset and blockchain classification, crypto market structure and venue analysis, crypto valuation and on-chain data interpretation, and crypto custody, compliance and risk management. In addition, the course prepares them to engage digital asset markets with disciplined analysis and controlled exposure. Gentex Training Center delivers this programme with a strong focus on applied market practice and risk-aware participation.

FAQs for Cryptocurrencies Financial Market course

GENTEX® TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Q1 What is the "Cryptocurrencies Financial Market" course about?

It is a five-day programme on how digital asset markets work. It covers blockchain and asset foundations, market structure and trading venues, valuation and on-chain analysis, custody and operational security, and regulation, tax, AML and risk management.

Q2 What are the key benefits of the "Cryptocurrencies Financial Market" course?

Participants engage crypto markets with stronger analysis and control. The course improves asset classification and venue assessment, sharpens valuation and on-chain interpretation, strengthens custody and key management, improves AML and regulatory readiness, and raises crypto risk management and reporting quality.

Q3 What skills will I gain from the "Cryptocurrencies Financial Market" course?

Participants gain digital asset and blockchain classification, crypto market structure and venue analysis, crypto valuation and on-chain data interpretation, and crypto custody, compliance and risk management. These four skills cover the practical core of digital asset market work.

GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Q4 What tools, methods, or standards are covered in the "Cryptocurrencies Financial Market" course?

The course covers consensus mechanisms including proof of work and proof of stake, public, private and permissioned networks, wallet and public-private key management, crypto asset taxonomy covering currencies, tokens, stablecoins and NFTs, token standards and smart contracts, centralised exchange order books and matching engines, decentralised exchanges, automated market makers and liquidity pools, custodians, brokers and OTC desks, stablecoin reserve mechanics, crypto futures, perpetual swaps and options, settlement and counterparty risk, intrinsic, relative and network valuation, on-chain metrics including active addresses, transaction volume and hash rate, market capitalisation, volume and dominance indicators, moving averages and the relative strength index, asset correlation analysis, custody models including self-custody, hot, cold and institutional custody, multi-signature and MPC wallets, smart contract audit considerations, reconciliation and proof of reserves, insurance and service provider due diligence, global licensing regimes, the FATF travel rule and AML/CFT standards for virtual assets, tax treatment of trading, staking and mining, market and liquidity risk limits, compliance monitoring, suspicious activity reporting, and accounting and disclosure considerations.

Q5 How is the "Cryptocurrencies Financial Market" course applied in real-world practice?

Participants apply the methods to real and simulated market situations. They classify digital assets, compare venues and their risk profiles, value tokens and interpret on-chain data, read market and technical indicators, design custody and key management frameworks, assess smart contract and counterparty risk, apply AML and travel rule controls, determine tax treatment, set exposure limits, and prepare reporting and disclosure. Many leave with a venue comparison framework, an on-chain analysis dashboard, and a custody control checklist ready to use.

GENTEX® TRAINING CENTER