

BLOCKCHAIN BANKING & FINANCE

“Transforming Financial Services with Blockchain, Smart Contracts, and Decentralized Technologies”

Schedule

Date	Venue	Fees (Face-to-Face)
02 - 06 Feb 2026	Dubai - UAE	USD 3495 per delegate

Introduction

Blockchain is rapidly revolutionizing the financial services sector by introducing decentralized systems that are secure, transparent, and efficient. From enabling cross-border transactions and digital currencies to automating compliance and smart contracts, blockchain is reshaping traditional banking and finance models.

This 5-day course offers finance and banking professionals an in-depth understanding of blockchain principles, use cases, technologies, and regulatory impacts. It combines technical insights with strategic applications to help participants harness the transformative power of blockchain across retail banking, corporate finance, investment management, and fintech innovation.

Objectives

By the end of this course, participants will be able to:

- Understand the core concepts of blockchain technology and distributed ledgers
- Evaluate blockchain applications across key financial domains (payments, lending, trade finance, etc.)
- Analyze the impact of cryptocurrencies, stablecoins, and CBDCs on traditional banking
- Apply smart contracts to automate and secure financial transactions
- Assess blockchain governance, cybersecurity, and regulatory compliance challenges
- Explore integration strategies with existing banking systems and infrastructure

Why Attend

- Demystify blockchain and its real-world relevance to banking and finance
- Learn how leading institutions are using blockchain for competitive advantage
- Understand the risks, opportunities, and compliance aspects of distributed finance
- Discover how blockchain is powering digital identity, asset tokenization, and faster settlement
- Gain strategic insights to lead blockchain initiatives in your organization

Target Audience

This program is designed for:

- Bankers, finance managers, and investment professionals
- Fintech entrepreneurs and digital transformation leaders
- Technology officers and innovation strategists in financial services
- Compliance, risk, and operations managers
- Consultants and advisors in banking, blockchain, and financial regulation

Individual Benefits

Key competencies that will be developed include:

- Proficiency in blockchain mechanics and ecosystem terminology
- Strategic understanding of blockchain in banking operations
- Ability to identify and develop blockchain-driven use cases
- Awareness of key legal, regulatory, and cybersecurity considerations
- Competitive insights to adapt in a decentralized finance landscape

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Enhanced innovation capability in digital banking services
- Improved compliance and auditability through blockchain applications
- Better evaluation of blockchain vendors, platforms, and partnerships
- Strengthened internal knowledge for blockchain project implementation
- Increased agility in adapting to DeFi, CBDCs, and fintech disruption

Instructional Methodology

This course combines strategic and technical learning approaches:

- Expert Briefings - Technology fundamentals and finance-specific use cases
- Case Studies - Blockchain implementation in real financial environments
- Workshops - Use case development, blockchain design mapping, and risk analysis
- Group Exchange - Insights from banking, tech, and regulatory perspectives
- Tools - Blockchain project templates, regulatory checklists, and evaluation frameworks

Course Outline

DETAILED 5-DAY COURSE OUTLINE

Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: Blockchain Fundamentals for Finance

- Module 1: Blockchain Architecture & Components (07:30 - 09:30) • Distributed ledgers, blocks, nodes, and consensus algorithms • Public vs. private vs. consortium blockchains
- Module 2: Smart Contracts and Digital Ledgers (09:45 - 11:15) • Automating transactions and compliance logic • Key platforms: Ethereum, Hyperledger, R3 Corda
- Module 3: Tokenization and Crypto Assets (11:30 - 01:00) • Tokens vs. coins, stablecoins, NFTs, and asset-backed tokens
- Module 4: Workshop - Blockchain Use Mapping in Retail Banking (02:00 - 03:30) • Participants assess current banking services for blockchain potential

Day 2: Payments, Lending, and Trade Finance

- Module 1: Cross-Border Payments & Remittances (07:30 - 09:30) • Blockchain for faster settlement and reduced fees • Ripple, Stellar, and SWIFT gpi vs. blockchain
- Module 2: Lending and Credit Risk Automation (09:45 - 11:15) • Peer-to-peer lending, credit scoring, and collateral tracking
- Module 3: Blockchain in Trade Finance (11:30 - 01:00) • Digital letters of credit, bills of lading, and trade verification
- Module 4: Workshop - Blockchain Lending Use Case Development (02:00 - 03:30) • Teams build a decentralized lending model

Day 3: Regulatory & Risk Considerations

- Module 1: Blockchain Governance and Standards (07:30 - 09:30) • On-chain vs. off-chain data, consensus models, interoperability
- Module 2: Regulatory Trends in Digital Finance (09:45 - 11:15) • AML/KYC, data privacy, and reporting under blockchain regimes
- Module 3: Central Bank Digital Currencies (CBDCs) (11:30 - 01:00) • CBDC design types, pilots, and implications for retail/commercial banks
- Module 4: Workshop - DeFi Risk Assessment Simulation (02:00 - 03:30) • Evaluating regulatory and security risks of blockchain platforms

Day 4: Digital Identity, Custody & Clearing

- Module 1: Blockchain for Digital Identity (07:30 - 09:30) • Self-sovereign identity, biometric integration, and financial onboarding
- Module 2: Asset Custody & Blockchain Clearing Systems (09:45 - 11:15) • Post-trade settlement, custody risks, and securities tokenization
- Module 3: Integration with Traditional Finance Systems (11:30 - 01:00) • Interfacing blockchain with core banking, ERP, and payment systems
- Module 4: Workshop - Design a Blockchain Compliance Use Case (02:00 - 03:30) • Participants propose solutions for KYC/AML or ID verification

Day 5: Implementation Strategy & Future Outlook

- Module 1: Roadmap for Blockchain Implementation (07:30 - 09:30) • Building proof of concepts (PoC), pilot programs, and scaling up
- Module 2: Blockchain Business Models and ROI (09:45 - 11:15) • Monetization, transaction models, and partnerships
- Module 3: Final Case Study - Industry Disruption Forecasting (11:30 - 01:00) • Predicting blockchain's impact on financial sub-sectors
- Module 4: Final Presentations & Wrap-Up (02:00 - 03:30) • Group presentations and feedback on blockchain transformation strategies

Certification

Participants will receive a Certificate of Completion in Blockchain Banking & Finance, validating their strategic understanding of blockchain and their ability to identify and develop finance-sector use cases.

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