

Mastering Digital Currencies: Bitcoin, CBDCs & Legal Issues

2027 13 - 9
Cairo (Egypt)

UK Training

PARTNER



Mastering Digital Currencies: Bitcoin, CBDCs & Legal Issues

2022-2023 **10-23-27-30 Oct 2022** **Location:** Cairo (Egypt) **Fees:** 4200 GBP

Course Description

This intensive 5-day course provides a comprehensive exploration of digital currencies, focusing on Bitcoin, Central Bank Digital Currencies CBDCs, and their legal implications. Participants will gain in-depth knowledge of blockchain technology, cryptocurrency operations, and the regulatory landscape surrounding digital assets. The course combines theoretical concepts with practical applications, enabling attendees to navigate the complex world of digital currencies confidently.

Learning Objectives

- Understand the fundamental principles of blockchain technology and its application in digital currencies
- Analyze the operations and implications of Bitcoin and other cryptocurrencies
- Explore the concept, development, and potential impact of Central Bank Digital Currencies CBDCs
- Evaluate the legal and regulatory challenges associated with digital currencies
- Develop practical skills in digital currency transactions and blockchain applications
- Assess the future of digital currencies and their role in the global financial system

Course Modules

Day 1: Introduction to Blockchain and Bitcoin

- Blockchain technology fundamentals
- Bitcoin: origin, structure, and ecosystem
- Cryptography and consensus mechanisms
- Setting up and securing a Bitcoin wallet

Day 2: Cryptocurrency Operations and Ecosystem

- Cryptocurrency mining and trading
- Altcoins and tokenization
- Decentralized Finance DeFi concepts
- Cryptocurrency exchanges and custody solutions

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight nearby. The board is checkered, and there are concentric circles in the background.

Day 3: Central Bank Digital Currencies CBDCs

- CBDC concepts and models
- Design considerations and implementation challenges
- Global CBDC initiatives and case studies
- Potential impact on monetary policy and financial stability

Day 4: Legal and Regulatory Landscape

- Regulatory approaches to cryptocurrencies
- Anti-Money Laundering AML and Know Your Customer KYC regulations
- Taxation of digital assets
- Privacy and data protection concerns

Day 5: Future of Digital Currencies and Practical Applications

- Emerging trends in digital currencies
- Integration of blockchain with IoT and AI
- Smart contracts and decentralized applications dApps
- Career opportunities in the digital currency space

Practical Wins for Participants

- Ability to set up and manage cryptocurrency wallets securely
- Hands-on experience with blockchain explorers and cryptocurrency transactions
- Understanding of regulatory compliance requirements for digital currency businesses
- Skills to evaluate and participate in decentralized finance DeFi protocols

