HIGH POINT CENTER

Course : Fundamentals of Digital Assets

The Fundamentals of Digital Assets course provides participants with a clear understanding of what digital assets are, how blockchain technology supports them

City :	Cairo	**Hotel :**	Cairo Marriott Hotel & Omar Khayyam Casino
Start Date :	2025-11-09	**End Date :**	2025-11-13
Period :	1 Week	**Price :**	3950 $

HIGH POINT CENTER

Course Overview

Blockchain-based assets have gained maturity over the last few years and are integrating into mainstream finance. The potential of digital assets and their use within smart-contract ecosystems have been understood by major market players.
While blockchain-based assets remain an innovative niche, the secret is out and the world is preparing for a shift to digitize existing real world assets. The digitalization of assets will provoke disruptive change and bring a new paradigm for innovation, regulation and trade.
This course navigates between the disruptive and complementary nature of digital assets and how they will affect the “real” economy. Participants will gain an understanding of the dynamics of Decentralized Finance (DeFi) and its applications for both government and private organizations. At the end of the course, participants will be able to lead conversations and guide choices needed to ensure their organization is ready to embrace digital assets.

Course Objectives

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

- Explain existing token types and fundamentals of digital assets
- Recognize the economic dynamics of Decentralized Finance (DeFi) applications and the impact that DeFi has on “traditional finance”
- Compare government projects to digitize currencies (CBDCs) and real world assets
- Interpret the legal implications and legal classification frameworks for digital assets
- Apply DeFi and digital asset concepts and make strategic choices within their organization

Target Audience

This course is suitable for anyone working with assets that can be digitalized.
While this course welcomes participants of all industries, this course is particularly interesting to financial institutions, central banks, and regulatory institutions. The course is also relevant for managers, directors or CFOs who are forward thinking, regardless of the industry they are working in.

HIGH POINT CENTER

Methodology

“This course employs a dynamic blend of learning methods, including presentations, videos, practical examples, group discussions, individual exercises, and collaborative group activities to ensure an engaging and effective learning experience.”

Course Outline

Day 1 . Introduction

- Historical evolution of money and assets
- Transition towards digital assets and their role in modern finance

Day 2 : Foundations of Blockchain and Digital Assets

- Core blockchain concepts: smart contracts, consensus mechanisms, and decentralized ledgers
- Blockchain transactions: storage, transaction fees, and validation processes
- Governance models within blockchain ecosystems

Day 3 : Infrastructure and Ecosystem

- Layer 1 vs. Layer 2 solutions and scalability approaches
- Digital assets and tokens: classifications and use cases
- Custody and security of digital assets

Day 4 : Token Economics

- Native tokens: economics of Proof-of-Work and Proof-of-Stake systems
- Non-native tokens: structures and valuation approaches
- Stablecoins: types, mechanisms, and regulatory perspectives
- Tokenization of real-world assets (RWAs) and their applications
- Methods of token valuation and assessment

Day 5: Decentralized Finance (DeFi)

- Overview and key components of DeFi
- Decentralized exchanges (CEX, DEX, CeDeFi)
- Liquidity mining and its implications

- Borrowing, lending, and leverage mechanisms in DeFi
- Automated Market Making (AMM) models
- Yield farming strategies and risk considerations

Certificates

On successful completion of this training course, HighPoint Certificate will be awarded to the delegates. Continuing Professional Education credits (CPE): In accordance with the standards of the National Registry of CPE Sponsors, one CPE credit is granted per 50 minutes of attendance.