

## **Digital Token Course Part 1 (Modules 1 & 2)**

### **COURSE OVERVIEW**

**This course is conducted via in person and/or virtual format**

The Digital Token course consists of two stack-up courses of four modules which cover all aspect of the Digital Markets albeit at different levels of granularity. Digital Tokens are one of the hottest talking points in Financial Markets, with many traditional finance companies and market practitioners keen on learning more about digital asset markets & strategies. The objective of the course would be to enhance the participant's knowledge of this subject and if all four modules are taken should allow them to have a stronger footing should they eventually find Sales or Trading roles within their current firms or at digital asset or at crypto native firms. This course will be suitable for participants with little or moderate skillsets in this emerging industry.

Part 1, the first two modules will cover the building blocks which will be crucial for building a strong foundation. The topics taught will cover but not be limited to

- Distributed Ledger (Technology)
- Blockchain (infrastructure)
- Tokenomics

### **Who Should Attend**

Financial Markets practitioners of any seniority who are looking to develop a strong foundation of understanding and knowledge of digital tokens. The only requirement would be a base level understanding of the financial markets as many comparisons, analogies and concepts will be in reference to FX markets.

### **Course Objectives**

- To understand the technology and infrastructure that powers digital token markets
- To understand the different aspects of the digital token markets trading and investing
- To understand the current & future roles of traders and sales within the digital token markets environment

**Duration of Course** – 1 day of six hours session

**Course Fees** – S\$800.00 (inclusive of 8% GST Gross Fees is \$864)

This course is eligible for FTS Funding

For information on FTS Funding, please visit IBF website:

<https://www.ibf.org.sg/programmes/Pages/IBF-FTS.aspx>

**Trainers: Mr John Lagman and Mr Chuan Jin Fong**

For Trainers' Profiles, Policies and Guidelines on course management and related polices pls visit FMAS website at <https://fmasg.org.sg/home/>

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### **Course Outline**

#### **Module 1**

#### **Bitcoin, Alt Coins and the Blockchain (Duration - 8 hours)**

The Base Layer

– What are Cryptocurrencies and Why & How were they created?

The Infrastructure

– What holds it all together?

- History
- The Technology: Distributed Ledger
- The Infrastructure: Blockchain
- Landscape
  - Coins (BTC, Alt coins, Stablecoins, memecoins, CBDC's)
  - Type of Firms
    - Key Roles
  - Key Terminology/Jargon
  - The Near/ST Future
- How do you get started?
  - 3 key questions answered
    - KYC, AML and Security
    - Wallets, Custodians
- Blockchain
  - PoW and PoS
    - Mining
  - Layer 1's
    - Ethereum, Ethereum Killers & other
    - Smart Contracts, DAO's
    - The trillemma
  - Layer 2's
  - Bridges
  - Rollups



## **Crypto Markets Course Part 1 (Modules 1 & 2)**

### **Module 2**

#### **The Value of the Blockchain and Crypto/Digital Assets (Duration – 8 hours)**

##### The Value of the Blockchain (TVL)

- TVL : Total Value Locked In explained
- Decentralized Finance (DeFi) Intro
- DeFi Apps (Dapps)
  - Types
  - Value
- Tokenomics
- Web 3.0/Metaverse: The Business of the Internet
- NFT's
- GameFi