

## **Digital Assets Course Part II : Institutional Integration & Practice**

### **Course Overview**

Digital Assets is fast becoming a product that is relevant to know 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 Part I and II 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. The Digital Assets course consists of two stack-up courses of 8 modules which cover all aspect of the Digital Markets albeit at different levels of granularity.

Part II would cover the developments from a practical aspect and how Financial Institutions are participating. The topics taught would cover but not be limited to

- Financial Institutions and other Web2 participants
- Real World Assets
- Trading : Products, Venues/Modes, Concepts, Analytics
- Tools of the trade

### **Who Should Attend**

Financial Markets practitioners of any seniority who are looking to develop a strong foundation of understanding and knowledge of digital assets. 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 assets markets
- To understand the different aspects of the digital asset markets trading and investing
- To understand the current & future roles of traders and sales within the digital asset markets environment

### **Duration of Course – 7 Hours**

**There will be an Assessment (Multiple Choice Questions) after the training session.**

**Course Fees - S\$800 + GST (Eligible for FTS Funding)**

This course is recognised under the Financial Training Scheme (FTS) and is eligible for FTS claims subject to all eligibility criteria being met.

Please note that in no way does this represent an endorsement of the quality of the training provider and course. Participants are advised to assess the suitability of the course and its relevance to his/her business activities or job roles.

The FTS is available to eligible entities based on the prevalent funding eligibility, quantum and caps. FTS provides up to 70% course fee subsidy support for direct training costs subject to a cap of S\$500 per candidate per course subject to all eligibility criteria being met.

Find out more on [www.ibf.org.sg](http://www.ibf.org.sg).



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

For FMAS Trainers' Profiles, Policy, Guideline and Disclaimer on course management and related policies please visit FMAS website at <https://fmasg.org.sg/professional-development/>.

## Course Outline

### Module 5: Financial Institutions & Web2 Participants (90 mins)

- **The Paradigm Shift:** Why banks moved from "Blockchain, not Bitcoin" to full-scale adoption (e.g., J.P. Morgan's Onyx, BlackRock's BUIDL fund).
- **The Custody Gating Factor:** How the rescission of SAB 121 and the rise of "Qualified Custodians" allowed global banks to enter the market.
- **Corporate Treasury Management:** Case studies on firms holding digital assets on balance sheets (MicroStrategy, Tesla, and sovereign wealth funds).
- **Web2 Integration:** How payment giants (Visa, Mastercard, PayPal) are using stablecoins for backend settlement.

### Module 6: Real World Assets (RWA) – The \$16 Trillion Opportunity (90 mins)

- **The Tokenization Engine:** Converting illiquid assets into liquid, 24/7 tradable tokens.
- **Primary Categories:**
  - **Government Debt:** Tokenized U.S. Treasuries as the new "risk-free" on-chain yield.
  - **Commodities:** Gold-backed tokens (PAXG, XAUT) and their role in instant cross-border settlement.
  - **Private Markets:** Real estate, private equity, and credit funds for "fractionalized" institutional access.
- **Regulatory & Operational Hurdles:** Navigating jurisdictional "off-ramps" and the legal validity of on-chain ownership.

### Module 7: Trading – Venues, Modes, & Concepts (90 mins)

- **Market Structure:**
  - **Centralized Exchanges (CEX):** The role of Coinbase Prime and Binance Institutional.
  - **Decentralized Exchanges (DEX):** Understanding AMMs (Automated Market Makers) like Uniswap.
- **Institutional Products:** Spot ETFs (the "on-ramp"), Perpetual Futures, Options, and Structured Products.
- **Concepts & Mechanics:**
  - **MEV (Maximal Extractable Value):** The "hidden tax" of blockchain trading.
  - **On-Chain Liquidity:** How liquidity pools differ from traditional order books.
  - **Settlement Cycles:** Moving from T+2 (Traditional) to T+0 (Atomic) settlement.

### Module 8: Tools of the Trade & Analytics (90 mins)

- **On-Chain Analytics:** Using data to track "Smart Money" (e.g., Dune Analytics, Nansen, Glassnode).
- **Risk & Compliance Tools:**
  - **AML/KYC:** Chainalysis, Elliptic, and TRM Labs for transaction monitoring.
  - **Security:** Multi-Party Computation (MPC) wallets vs. Hardware Security Modules (HSM).
- **Portfolio Management Systems (PMS):** Integrated dashboards that bridge TradFi and DeFi holdings (e.g., Talos, Copper, Bloomberg Terminal integrations).

**Strategy & Implementation : Building an Institutional Roadmap (30 mins)**

- **Synthesis:** How to choose a service provider (Custody + Execution + Compliance).
- **Strategic Outlook:** The 2026–2030 roadmap for "On-Chain Capital Markets."

**Assessment (30 mins)**