

CRYPTONOMICS

CODE P181123XZH

VALIDITY PERIOD 11 Jan 2019 – 10 Jan 2021

TRAINING FOCUS

Financial Industry Developments (1.5 hrs)
Functional Competencies (1.5 hrs)

This 3-hour course provides a comprehensive overview of the economic and technological environment surrounding the emergence of cryptocurrencies. The course will go on to explore the various ways to analyze bitcoins and ICOs.

WHO SHOULD ATTEND

- Covered persons working in private banks
- Wealth advisers
- Financial professionals in the banking and financial services industry

½ DAY | 3 CPD HOURS

RECOMMENDED FOR

**PRIVATE BANKING &
WEALTH MANAGEMENT**

AND

**CORPORATE BANKING &
GLOBAL MARKETS**

COURSE OBJECTIVES

- Understanding what is cryptocurrency technology stack and where blockchain, cryptocurrencies and ICOs fit in the stack
- Understand the most important cryptocurrencies in existence and how they work
- Understand how to analyze cryptocurrencies fundamentally
- Know the various frameworks being utilized by the professionals to understand the “valuation” of cryptocurrencies
- Understand how ICOs work and their “investibility”

COURSE OUTLINE

Cryptocurrency Technology Stack

- The Blockchain
 - Private vs. Public Blockchains
- The Protocol Layer
- The Tokens
- The Application Layer
 - Token Sale and ICO

Cryptocurrencies

- The Top 10
- Digital Siblings
 - Eldest: Bitcoin
 - Other Siblings: Altcoins
 - Litecoin
 - Ripple
 - Ethereum

“Fundamental Analysis” of Cryptocurrencies

- RIMD
 - Reasons or Existence (R)
 - Issuance Model (I)
 - Miners (M)
 - Developers (D)

“Valuation Frameworks” for Cryptocurrencies

- Framework 1: Utility and Speculative Value
- Framework 2: As a Technology/Network
- Framework 3: Using Hash Rate
- Portfolio Optimization
- Would Bitcoin Appeal to Investors?

Initial Coin Offering (ICO)

- How is Money Raised?
- Where are the New Tokens Stored?
- ICO vs. IPO
- Steps to an ICO
- Analyzing Companies Running ICOs
- Risks of ICOs

ABOUT OUR TRAINER

NG LYE HENG CFA, CAIA, FRM

Lye Heng possessed 13 years of working experience in the banking industry and is a derivative specialist. He started his banking career in the early 1990s and held roles as principal derivative trader and product structurer. He traded derivatives on stock indices and fixed incomes in global financial markets, spanning Tokyo, Hong Kong, London, New York and Chicago. He concluded his career in the financial industry by managing market risk on the global trading book of a local bank.

In 2004, Lye Heng set up Salmon Thrust, offering training and consultancy in the areas of Investment, Treasury and Wealth Management. Clients include various global banks such as Citibank where he conducted a series of comprehensive investment workshops for the 200-odd relationship managers based in Singapore. To date, he has provided learning solutions across a variety of products and wealth management topics encompassing thousands of seminar delegate-days both in Singapore as well as in China. Lye Heng has also been a CFA trainer since 1999 and CAIA trainer since 2009.

Lye Heng holds a Masters degree in Social Science (Applied Economics) from National University of Singapore, and a Bachelor of Business degree (Financial Analysis) from Nanyang Technical University. He is a CFA, CAIA, and FRM. He also graduated from the MIT-Fintech certification program and has been advising several Fintech start-ups in Singapore.

Lye Heng is the author of 3 IBF-accredited FTS online Fintech courses “Understanding Fintech”, “Technologies Behind the Bitcoin and its Blockchain”, and “Analyzing Bitcoins and Other Cryptocurrencies”.



FTS

FINANCIAL TRAINING SCHEME (FTS)

This programme 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 programme. Participants are advised to assess the suitability of the programme and its relevance to participants' business activities or job roles.

The FTS is available to eligible entities based on the prevalent funding eligibility, quantum and caps. FTS claims may only be made for recognised programmes with specified validity period. Please refer to www.ibf.org.sg for more information.

CPD

SALMON THRUST CPD SERIES

The Salmon Thrust CPD Series is aimed at raising the competencies of the Covered Persons and satisfying their CPD hours in the most fruitful and entertaining way. Our trainers wastes no time on academic principles but dives straight into the practical applications of the subject.

ABOUT SALMON THRUST

Founded in 2004, Salmon Thrust is committed to delivering real-world banking and financial training to professionals working in banks, corporates, government agencies, and other financial institutions.

Based in Singapore, we offer our clients in the region a broad range of up-to-date financial topics, delivered via classroom training and e-learning. Our courses range from foundational programmes for new entrants, right through to the most complex and current topics in the industry.

At Salmon Thrust, we are attentive to our clients' diverse learning needs. We identify relevant courses to bridge the learning and skill gaps, empowering our clients to make better decisions and bring real value to both their customers and organisations.