ACI-SMU Financial Markets Certificate (IBF Level 1)

Specialist Focused. Practitioner’s Perspective

Synopsis

In partnership with ACI - The Financial Markets Association and ACI Singapore – The Financial Markets Association, this foundation programme helps participants develop technical knowledge and understanding of the financial markets. Participants will learn the key concepts, calculation methodologies and practical applications of different financial instruments.

Learning Objectives

- Gain an overview on financial markets industry, structures and treasury operations
- Learn about foreign exchange, interest rates, bonds, equity, commodity and derivatives
- Know the key features, calculation methodologies and applications of financial markets instruments
- Understand the different types of risks
- Be familiar with financial markets code of conduct and work practices

Who Should Attend

- New hires involved in the front, middle and back office functions in financial markets operations
- Professionals with non-financial background seeking entry into the financial services industry

Programme Duration

8 Days
Sat 09:00 - 16:00

Programme Fee

S$4,800 (excluding GST)

IBF-STS Funding

This programme has been accredited under the IBF Standards, and is eligible for funding under the IBF Standards Training Scheme (IBF-STS).

IBF-STS provides 70% funding for direct training costs subject to all eligibility criteria being met.

For more information on funding terms and conditions, please visit: www.ibf.org.sg

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Financial Services Industry Overview
- Overview of the financial service industry
- Interrelationships between market segments
- Trading strategy and yield curve

Introduction to Swaps
- Swaps basics, future, option
- Swap transactions, swap documentation
- Mechanism and application of interest rate
- Currency swap

Understanding Interest Rates & Money Market Instruments
- Debt instruments
- Principle of time value of money
- Term structure of interest, money market
- Pricing methodologies and yield spreads

Foreign Exchange and FX Swaps
- Pricing forward FX rates and swap points
- Funding via FX swap
- Mechanism and application of non-deliverable swaps

Bond Basics and Fixed Income Mathematics
- Global bond markets, credit rating, key risk
- Bond pricing, interest rate swaps
- Bond valuation, yield computations, bond price volatility

Option Trading Strategies
- Call & put options
- Principles of option trading
- Directional, volatility and arbitrage strategies
- Creating synthetic futures and options

Foreign Exchange
- FX spot, cross and forward rates, forward rates
- Interest differentials
- Non-deliverable forwards, settlement and close-out of NDFs

Option Risks & Sensitivities
- Delta and delta hedge ratio
- Delta hedging and neutral hedging
- Exotic options

Equities and Commodities
- Valuation methodologies
- Corporate actions
- Equity and commodity linked instruments

Principle of Risk
- Foreign exchange risk analysis
- Elements of risk management
- Risk monitoring and mitigation

Forwards and Futures
- Compare and contrast forwards and futures
- Different types of margin requirements
- Managing funding risks
- Futures contract and liquidity indicators
- Relationship between cash and futures prices
- OTC versus exchange traded instruments

Financial Markets Regulations & Code of Conduct
- Purpose of Model Code
- Responsibilities of front and back offices
- Professional code of conduct
- Procedures for dispute resolution and mediation
- Market practices for dealing in financial markets

Pricing Financial Futures
- Cost of carry model
- Arbitrage and hedging
- Contango and backwardation
- Floating rates index
- Hedging using interest rates and bond futures