Course Outline

(A SIDC CPE approved course)

Title: Algorithmic Trading Series: How to Automate Your Own Stock Investment Decision Process?

Date: 3rd March 2020

Venue Moffett Training Centre, E-3-2, Plaza Kelana Jaya, Jalan SS7/13 A, Kelana Jaya, 47301, Petaling Jaya

CPE: 10 Points

Speaker: Alex Siew Wee Chai

Objectives

1. Explain the role of fundamental and technical analysis in today's trading environment.

- 2. Identify key stock picking criteria which impact on the equities market.
- 3. Demonstrate creative qualities in modifying indicators to fit individual needs.
- 4. Identify both qualitative fundamental factors and technical factors combined that will drive the market.

Time	Descriptions
9:00-10:15	Fundamental Analysis
	• The basic knowledge of understanding the fundamental factors that impact on equity markets
	- Quantitative factors like PE ratio, ROE, Market Capitalisation, Debt/Equity Ratio
	- Specific impact of recent economic policies like Quantitative Easing, Abenomics and
	Likenomics on global market.
	- How currency war affects Equity, bond and futures Market globally
10 : 15 - 10 : 30	Coffee Break
10 : 30 - 12 : 00	The Technical Indicators
	Basic concept of automation platform
	The framework for development of filter criteria
	The platform that supports technical indicator development
	• Existing filter which are popular – P/E, ROE, DY, EPS
	• Trading time frame
	Application of indicators
12:00-13:00	Charting Fundamental Data with Technical Tools
12.00-13.00	Trading Strategy A – Charting for Economic Data Release
	Trading Strategy A – Charting for ECOnomic Data Release Trading Strategy B – Charting for ECB and FOMC news policies
	Trading Strategy C – Charting for LCB and Foliation news policies Trading Strategy C – Charting for Inter- Market Analysis
	Trading Strategy C - Charting for inter- warket Analysis
13 : 00 - 14 : 00	Lunch Break
14:00-15:30	Exit Strategies
	Understanding different types of exit strategies
	Quantitative exit methods (eg. Kelly's criterion)
	Platform execution for exit strategies
	• Entry / Exit signals' comparison between technical and quantitative tools.
15 : 30 - 15 : 45	Coffee Break
15 : 45 - 17 : 00	Introduction to Quantitative Analysis as part of automation
	Financial modelling
	Mathematical approach to trading- Logistic Regression- GARCH Modelling
	• Inter-market analysis

TRAINI	NG COURSE REGISTRA	ATION FORM	
COURSE TITLE	Algorithmic Trading Series: How to Automate Y	our Own Stock Investment Decision Process ?	
COURSE DATE	3rd March 2020		
VENUE	Moffett Training Centre, E-3-2, Plaza Kelana Jaya, Jalan SS7/13 A, Kelana Jaya, 47301, Petaling Jaya		
REGISTRATION	8.30AM - 9.00AM		
TIME	9.00AM - 5.30PM		
FEES	RM 428 for Banker, member of professional associations [early bird by 3 Feb. 2020]		
	RM 478 for Banker, member of professional associations		
	RM 548 for Public [early bird by 3 Feb. 2020]		
	RM 598 for Public		
	Fees are inclusive of coffee breaks, lunch, program materials and a Certificate of Attendance		
SIDC CPE Points	10 (Ten)		
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