ASIA School of Business
in collaboration with MIT Sloan Management

ACE@ASB
AGILE CONTINUOUS EDUCATION

MICRO-CREDENTIAL IN PORTFOLIO MANAGEMENT: INSTITUTIONAL & PERSONAL INVESTING

AI-DRIVEN INSIGHTS INTO SMARTER INVESTING

Faculty Professor Joseph Cherian

Videos are available beginning June 1, 2025

After watching the required videos, live sessions are on:

- June 15, 2025
- June 22, 2025
- July 6, 2025
- July 20, 2025

Course Credits:
1.5 Credits

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Course Overview

This **Portfolio Management: Institutional & Personal Investing** module serves as a comprehensive real-world examination of the model-based approaches utilized for performing portfolio & risk management in the financial industry. Major topics covered include Multifactor Models, Behavioral Finance and Retirement Finance. Lectures will involve in-classroom discussions, simulations & exercises, interaction with practitioners from the industry, hands-on "lab-style" projects, and real-life examples.

Students are also expected to research investment-related reports (preferably on Asian-relevant strategies) and use it to inform institutional-level or personal-level asset allocation strategies in teams. These reports will hopefully facilitate in-class presentations, and be used to ascertain students' basic investments research, asset allocation and alpha-generating skills. In your presentations, students are expected to provide comprehensive analysis and recommendations which could be incorporated into our classroom portfolio discussions & learnings.

This course is suitable for students interested in the asset management industry. Students will learn hands-on computational finance, risk & portfolio management.
To ensure the broadest participation of students interested in investment management, the class is graded on a **Pass/Fail basis.**

Course Outline

Through a combination of videos, quizzes and exercise during our live sessions, you will achieve the following:

1. **Multifactor Models (MFM) in Portfolio Management**
   - Economic rationale for MFM
   - Types of models – APT, Relative Valuation, Fundamental
   - Diversification of themes
   - Testing for efficacy, monotonicity, transitions, downside risk

2. **Behavioral Finance 1**
   - Anchoring, over and under-reaction, overconfidence, loss aversion
   - Herding
   - Mental accounting
   - Confirmation and Hindsight Bias
   - Examples

3. **Behavioral Finance 2**
   - Undiscovered Managers Fund

4. **Asset Allocation Project Stock-taking**

5. **Hedge funds and Alternative Investments**
   Case study – Are hedge funds just traditional beta?

6. **Retirement Finance & ESG**
   Sustainable & Personal Investing

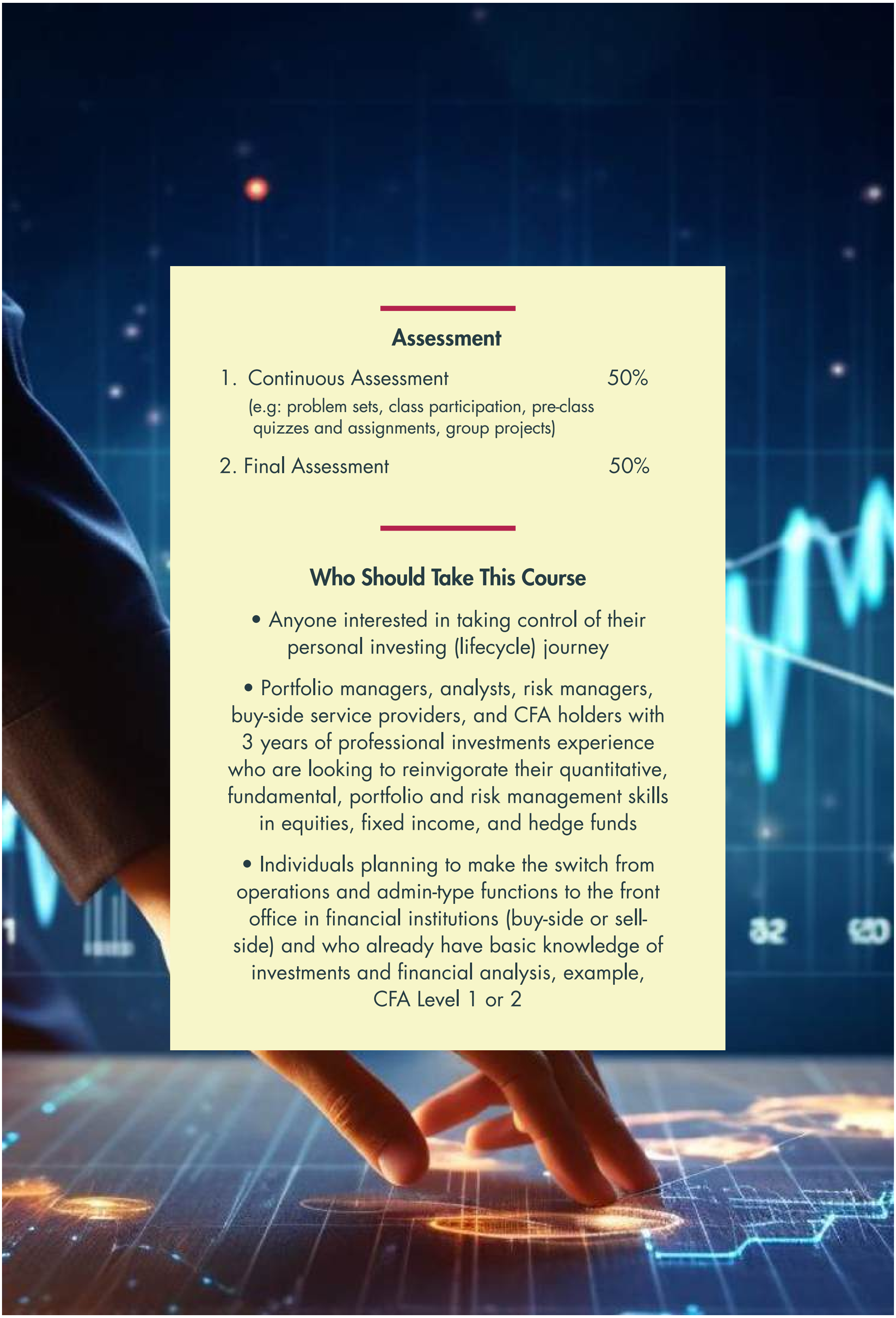
Outcomes That Drive Business Growth

This course will enable you to:

Demonstrate
methodologies & models used in theory and in practice, including Relative Valuation, Multifactor Models, Value Enhancement Strategies, Behavioral Finance and Retirement Finance.

Create
asset allocation plans and resilient portfolios for institutional or retail investors.

Prepare
a not more than 10-page team presentation to investors / clients on proposed portfolio allocation strategy, in line with stakeholder mandate.



Assessment

1. Continuous Assessment — 50%
   (e.g: problem sets, class participation, pre-class quizzes and assignments, group projects)
2. Final Assessment — 50%

Who Should Take This Course

- Anyone interested in taking control of their personal investing (lifecycle) journey
- Portfolio managers, analysts, risk managers, buy-side service providers, and CFA holders with 3 years of professional investments experience who are looking to reinvigorate their quantitative, fundamental, portfolio and risk management skills in equities, fixed income, and hedge funds
- Individuals planning to make the switch from operations and admin-type functions to the front office in financial institutions (buy-side or sell-side) and who already have basic knowledge of investments and financial analysis, example, CFA Level 1 or 2

Academic Requirements/Prerequisites

Basic knowledge of:

- Excel
- Financial Accounting
- Financial Mathematics and Statistics

Duration

The course is delivered over a period of 8-9 weeks
(this includes time for learners to watch videos before the first live session).

Course Credits

1.5 credit course

Fees

RM 8,500

Course Structure

The course will have a total of four live-sessions held every Sunday from June to August.

1. Video Learning

Before the live-sessions, you will watch short video lectures lasting 20 to 40 minutes and complete assignments to cement your understanding of the videos.

2. Live Sessions

The live-sessions are held in hybrid format, beginning with a review of the video lecture, and followed by a discussion of the case of the day.

Live-session	Date and Time
First Live-session	Sunday, June 15, 2025 2:00 p.m. – 5:30 p.m. (GMT+8)
Second Live-session	Sunday, June 22, 2025 2:00 PM – 5:30 PM (GMT+8)
Third Live-session	Sunday, July 6, 2025 2:00 p.m. – 5:30 p.m. (GMT+8)
Fourth Live-session	Sunday, July 20, 2025 2:00 PM – 5:30 PM (GMT+8)
Final Presentation (Online)	August 2-3, 2025

Faculty

Professor Joseph Cherian is Practice Professor of Finance at the Asia School of Business and at the Samuel Curtis Johnson Graduate School of Management at Cornell University (Visiting). He was most recently a Practice Professor of Finance at the National University of Singapore (NUS) Business School.

Prior to NUS, Joe was Managing Director, Global Head and CIO of the Quantitative Strategies Group at Credit Suisse in New York where he had direct responsibility for over US$67 billion in client assets managed to a quantitative discipline. He was a two-term member of the Johnson School's Dean's Advisory Council and is now an Emeritus Member of the Council.

Joe has had appointments at Singapore's Central Provident Fund (CPF) Advisory Panel and the National Research Foundation's Early-Stage Venture Fund Evaluation Panel. He was an Independant Non-Executive Director of Bursa Malaysia, and a consultant to Fullerton Fund Management, a Temasek subsidiary, and Singapore Exchange (SGX) in Singapore. Joe holds a BSc in Electrical Engineering from MIT, and MSc and PhD degrees in Finance from Cornell University.

Joe is a HRD Corp certified trainer.

RM8,500 or approx USD1,848*

*This ACE course, which is part of ASB's accredited degree program, is exempted from Malaysian SST.

The ACE courses are:

- Stackable to degrees. They can be combined to gain eligibility to apply for comprehensive qualifications, culminating in the ASB Master of Business Administration (full-time 12 months) or Executive Master of Business Administration degrees (part-time 16 months).

Register now for this course:

Asia School of Business, ASB Academic,
11 Jalan Dato' Onn, 50480 Kuala Lumpur

Ministry of Higher Education Malaysia
Registration No: DU046(W)

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