



PROFESSIONAL
DEVELOPMENT
PROGRAMMES

2022

INDUSTRY 4.0 AND SUPPLY CHAIN TRANSFORMATION

Developing a Digital Supply Chain Strategic Mindset

A 3-Day Workshop jointly developed by Singapore
Management University (SMU) Academy and Supply
Chain Asia



COURSE FEES

\$3,500 per trainee*

(includes course materials and meals as well as materials to
construct an autonomous robot)

Training will be held at Innovation Playground @ Supply
Chain Asia (located at 2 Bukit Merah Central #15-03)

*Receive up to 95% course fee subsidy

TO REGISTER

please contact admin@scasia.org.

Organiser



In Partnership



ISMU Academy

PROGRAM BRIEF

The Industry 4.0 & Supply Chain Transformation Workshop is a hands-on training to provide basic knowledge and foundation on new emerging technologies and their impact on logistics and supply chain management. These include the applications of smart robotics, the Internet of Things, Robotic Process Automation (RPA), Machine Learning and Deep Learning.

The Supply Chain Transformation workshop is conducted in partnership with the Singapore Management University (SMU) Academy and facilitated by Supply Chain Asia. The facilitation of the entire program is supported by SCA's network of industry professionals and veterans and will include practical hands-on application, site visits, development of your own company case study, formation of proposals to justify ROI as well as submission for application of grants from relevant local agencies (may not be applicable to every company and support will be given on a case-by-case basis).

This workshop is held at the Innovation Playground @ Supply Chain Asia, located the former Spring Singapore Building.



PROGRAMME CONTENTS

- Day 1 – Overview of Industry 4.0/Demystifying Smart Tehnologies/Internet of Things
- Day 2 – Advanced Analytics, Business Intelligence and Robotic Process Automation
- Day 3 – Autonomous Technologies & Robotics/Innovation Maturity Matrix/Innovation Toolkit

Day 1 – Overview of Industry 4.0/Demystifying Smart Tehnologies/Internet of Things

The first day of the workshop will set the pace fo the discussion on how Industry 4.0 is driving process, technologies and talent changes in companies. The introduction of Internet of Things (IoT) and use of smart sensors will also be covered in day one. In addition, challenges relating to indoor Real Time Location tracking will discussed. Hands-on demonstration on the applications of Augmented and Virtual Reality will be provided to all participants

Day 2 – Advanced Analytics, Business Intelligence and Robotic Process Automation

Participants will be provided with an over of RPA and a live walk-through of a RPA application. Differences between Artificial Intelligence, Machine Learning and Deep Learning will be deliberated and demonstrated.

Day 3 – Autonomous Technologies & Robotics/Innovation Maturity Matrix/Innovation Toolkit

An overview of the construct of Autonomous Mobile Robots (AMRs) and its practical applications will be evaluated. Finally, participants will learn more about the Innovation Maturity Matrix as well as how they can apply the Innovation Toolkit to put together a project scope that could utilise the technologies in their place of work or for future adoption.

COURSE FACILITATOR



Paul Lim

Paul has worked for more than 30 years in the retail, logistics, supply chain and smart technologies industry, gaining experience covering operations, business development, corporate and strategic management as well as IT and supply chain solutions. He started his career in Retailing in 1988 when he joined Isetan and has worked with various multinationals including TNT Worldwide Express, EGL Global Logistics (now known as CEVA), Menlo Worldwide Logistics and YCH Group, a Singapore home-grown logistics solutions provider.

He founded and launched Supply Chain Asia, and has been leading the organisation as a volunteer since September 2005. Supply Chain Asia is a community that brings logistics and supply chain professionals in Asia together to network and learn from one another. As a volunteer, Supply Chain Asia provides Paul with a unique avenue to connect with the industry, both for knowledge and community development purpose. His extensive network with various segments of the logistics and supply chain industry has created various opportunities to bring industry professionals together.

Some of Supply Chain Asia's initiatives include the Supply Chain Asia Forum, Awards & Gala Dinner, Innovation Playground @ SCA and the Supply Chain Innovation Week.

Paul is a graduate of the National University of Singapore and holds an MBA (with distinction), specialising in Retail Distribution, from the University of Stirling in Scotland.



ABOUT SUPPLY CHAIN ASIA

Supply Chain Asia is a not-for-profit professional body that aims to bring professionals from within the logistics and supply chain industry together to share knowledge, learn from one another and create opportunities for collaborations. The three main focus of SCA are connecting people from various sectors of the industry, encouraging communication amongst professionals and creating opportunities for collaborations. The four main pillars of the organisations are memberships, events, academy and publication.

SCA holds various events annually to provide networking and learning opportunities for the community. The organisation also provides training courses in the area of logistics and SCM, equipping attendees with skills that are applicable to the real working scenarios in the industry. As for membership, SCA aims to develop a close-knit community that continues to better itself by leveraging on SCA's platform and services.

SCA has its own quarterly print publication – the Supply Chain Asia Magazine – which is also available in digital copy. During non-print months, SCA publishes digiMag Industry Report, aimed at providing professionals in the industry with up-to-date news through fun infographics and images.



SIGN UP AND LEARN ABOUT NEW TECHNOLOGIES

The right approach and adoption of technologies can lead to extensive and enhanced benefits for both the individuals participating as well as the organisation worked for. Professionals who are acquiring new tech skills and knowledge would definitely have an edge in progressing forward. Knowledge is power, and understanding how these technologies will impact and enable organisations' success will be the key to many company's success.

Sign up and join us for an exciting learning journey in this Industry 4.0 & Supply Chain Transformation workshop.

COURSE FEE

Full Course Fees - S\$3,745.00 (S\$3,500 w/out GST)

@70% funding - Singaporeans and PRs
Nett Fees payable = S\$1,123.50 (S\$1,050 w/out GST)

@90% funding - Singaporeans above 40 or participants sponsored by SMEs
Nett Fees payable = S\$423.50 (S\$350 w/out GST)

@95% funding - For those on WTS
Net course fee payable = S\$248.50 (S\$175 w/out GST)



SMU
Academy

ABOUT SMU ACADEMY

Established in 2000, the Singapore Management University (SMU) Academy is the professional training arm of Singapore Management University. It contributes to professional continuing education for working adults, and offers courses in niche areas such as Financial Services, Technology & Intelligent Systems, and Human Capital, Management and Leadership. SMU has earned a reputation for its leading-edge research with global impact and have produce creative and entrepreneurial leaders with broad-based knowledge, well-prepared for the needs of the economy.

The Academy, with its pillars of Finance & Banking, HR Management & Leadership, and Information Technology leverages SMU's reputation and linkages to prepare our workforce with the competencies and career resilience required for today's rapidly changing world.



Supply Chain Asia Community Ltd

2 Bukit Merah Central #15-03 (former Spring Singapore Building). Singapore 159835.

T +65 8799 2357 www.supplychainasia.org

Co. Reg No (201216027H) GST Reg No (201216027H)