

# ADVANCED CERTIFICATE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

A joint development program in partnership with Singapore Management University Academy. The Advanced Certificate in Logistics and Supply Chain Management is part of the Advanced Diploma in Logistics and Supply Chain Management and Transformation course.

“BEHIND  
EVERY GREAT LEAD-  
ER THERE WAS AN EVEN  
GREATER LOGISTICIAN.”

M. COX

# SUPPLY CHAIN & LOGISTICS MANAGEMENT

The Advanced Certificate in Logistics and Supply Chain Management is the first part of the Advanced Diploma in Logistics and Supply Chain Management & Transformation program offered by Singapore Management University. This program is designed, developed and facilitated by Supply Chain Asia.

Originally a military-based term referring to the movement of equipment and supplies to troops, logistics now is the name given to the portion of an organisation responsible for handling resources along the supply chain. It requires coordinating and ensuring that all the materials and people are in the right place at the right time to ensure that the business operates correctly.

Supply Chain Management and Logistics Management are sometimes confused and used interchangeably, however they are two aspects of a process.

Supply chain refers to a large network of organisations that work collaboratively to deliver products from a supplier to a customer. Logistics Management, on the other hand, is the coordination and moving of resources, and forms part of the supply chain.

Logistics Management focuses on the management of daily operations concerning the final product of the organisation. Logistics Management's main aim is to allocate the right amount of a resource at the right time. It is also ensuring that it gets to the set location in a proper condition while delivering it

to the correct internal or external customer.

Logistics Management forms a core part of a supply chain for any organisation, managing and overseeing the distribution network to ensure that inventory management is under control.

Participants to this program will be awarded the Advanced Certificate in Logistics and Supply Chain Management upon completion of the course.

A smart warehouse is a large building in which raw materials and manufactured goods are stored that uses machines and computers to complete common warehouse operations previously performed by humans. These operations include identifying and receiving orders, counting products, storing products and remembering where they are later and sending orders to the correct place. The most successful smart warehouses automate nearly the entire operation and journey of goods from supplier to customer, with negligible errors.



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## PROGRAM BENEFITS

Logistics sector is ever growing since it handles the management, transportation, and distribution of large and small scale day to day goods.

Equipping yourself with Logistics and Supply Chain Management knowledge will give you a detailed and comprehensive understanding of how business actually operates, the process that is withheld by organizations among themselves, which helps you to get out the best that you require.

A certificate in logistics and supply chain management will equip you with transferable skills and knowledge in manufacturing, sales and operations as well as the impact of trade in the global economy.

# TRAINING OUTLINE



Improving supply-chain performance isn't just a matter of buying and installing new systems or software. Supply-chain management is a collaborative endeavour.

Most efforts to improve supply-chain performance should therefore involve changes to the ways that employees and teams share information, consider problems and opportunities, reach decisions, and carry out actions they agree on. This certificate programme is an operations-oriented programme that covers the basics of supply chain and logistics management and is designed to bring a participant through a series of logistics and supply chain operating environment within an organisation. The various modules covered in this programme include freight, transportation, logistics and international trade operations.

To achieve the Advanced Certificate in Logistics and Supply Chain Management, participants will need to complete the following modules offered by SMU Academy:

Module 1: Fundamentals of Supply Chain Management

Module 2: Supply Chain Operations Management

Module 3: Multi-modal and Transportation Management

Module 4: Air and Sea Freight Management

Module 5: Warehousing and Logistics Management

Module 6: Trade Regulations, Facilitation and Compliance Management

This course is also part of the Advanced Diploma in Logistics and Supply Chain Management and Transformation.

Whether you are seeking to further your career in logistics and supply chain management or interested in gaining insight into global trends in the industry, this practical-focused course will help advance your knowledge of supply chain management and prepare you for the jobs of the future.

The curriculum has been developed from practical experiences derived in engaging and managing operations in Asia by senior professionals.

This programme will provide trainee the opportunity to develop skills in the growing field of logistics and supply chain management. The course is designed to prepare you for a career in the growing field of Global Trade and Logistics/Supply Chain.

# MODULES

## Module 1 - Fundamentals of Supply Chain Management (2 days)

This module seeks to develop a foundational understanding of logistics and supply chain management in Asia and its impact on the global logistics and supply chain industry. Participants will learn tools and techniques that can be applied across different business models and vertical sectors. They will also be equipped with the critical knowledge of logistics and supply chain management and the ability to use this information in the workplace whether in the management of a firm's related activities or within the scope of the logistics service provider's operations.

## Module 2 – Supply Chain Operations Management (2 days)

This module will deep dive various aspects of Supply Chain Operations, including Network Optimisation, SCORE framework, Sales & Operations Management as well the challenges involved in managing and mitigating supply chain challenges.

## Module 3 – Multimodal and Transportation Management (2 days)

This module is designed for individuals seeking to develop an operating knowledge of transportation operations management relating to manufacturing and supply chain. Participants will acquire concepts and operational specifics of commercial intermodal transportation pertaining to freight movement. They will also learn about intermodal services, terminals, equipment and information systems and the interactions between individual modes and intermediaries.

## Module 4 – Air and Sea Freight Operations Management (3 days)

Today's consumers demand faster deliveries than ever before. While cost and quality are often viewed as the most important priorities for a company's supply chain. Due to these demands, delivery speed is quickly gaining in prominence, bringing air and sea freight services into the spotlight. This module is designed for individuals seeking to develop an operational knowledge of freight operations management relating to manufacturing and supply chain. The course will cover key concepts relating to sea freight and airfreight operations management.

## Module 5 – Warehousing and Logistics Management (3 days)

This module is designed to provide participants with a foundational understanding of logistics operations management, specifically focusing on warehousing and distribution. The course is relevant to all levels of individuals, as an introductory training to logistics and distribution operations management.

## Module 6 – Trade Regulations, Facilitation and Compliance Management (3 days)

This module seeks to develop a strong foundational understanding of the regulatory challenges to logistics and supply chain management in Asia. The training is relevant to companies and individuals including those involved in the management of regional and cross border supply chain operations in Asia and any individuals seeking to expand their understanding of the regulatory challenges in this industry. The knowledge gained from this course can be applied across different business models and vertical sectors. Participants will have the opportunity to use the concepts learnt to their unique business through application exercises and group work.

## COURSE FEES

	SG (below 40 years old)/ Permanent Residents	Singaporeans (40 years old and above)	International Participants
Self Sponsored	\$4,815 <sup>^</sup>	\$1,815 <sup>†</sup>	\$16,050
SME Sponsored	\$1,815 <sup>*</sup>	\$1,815 <sup>†</sup>	\$16,050
Non SME Sponsored	\$4,815 <sup>^</sup>	\$1,815 <sup>†</sup>	\$16,050

All prices include 7% GST

<sup>^</sup> Up to 70% course fee funding

<sup>\*</sup> Up to 90% course fee funding for employees of SMEs under Enhanced Training Support for SMEs ("ETSS")

<sup>†</sup> Up to 90% course fee funding under SkillsFuture Mid-Career Enhanced Subsidy ("MCES")



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