

# SUPPLY CHAIN PROFESSIONAL DEVELOPMENT PROGRAMME (SCPD)

*Highly acclaimed e-learning programme pioneered by  
The Chartered Institute of Logistics & Transport Singapore*

Adopted by universities & educational institutions in Singapore and the region,  
Government training academies, and global logistics corporations



**The Chartered  
Institute of Logistics  
and Transport**

**In strategic partnerships with public  
and private sectors to create value for  
the logistics industry and professionals**

The development of skills and capabilities in logistics and supply chain management is key to Singapore strengthening its position as a logistics hub. **Recognising that the SCPD programme was a pioneering initiative in offering comprehensive training on an innovative e-learning platform, we were happy to support its development.**

**Mr Poon Hong Yuen**  
Deputy Director  
Manufacturing & Services  
Infocomm Development Authority of Singapore

Singapore's future as a leading supply chain hub is dependent upon a ready pool of logisticians who are able to apply supply chain management concepts and IT to create value for their customers. With intense competition in the global market, it is crucial for Singapore logistics practitioners to continually upgrade themselves and stay relevant to the ever-changing needs of the industry.

**The SCPD programme provides a pathway for logistics professionals to deepen their knowledge and skills** in a learning environment that challenges and engages their minds through the use of multimedia, animation, graphics and classroom interaction with subject matter experts. Continual knowledge and capability building will be a prerequisite for Singapore-based logistics companies to expand their operations into the region and beyond.

**Mr Lim Meng Hui**  
Assistant Director  
Transport & Logistics Division  
International Enterprise Singapore

## INTRODUCTION

The transport and logistics industry contributes about 7% of Singapore's gross domestic product and employs 9% of its total workforce. To promote professionalism in this sector, The Chartered Institute of Logistics and Transport Singapore (CILTS) offers a wide range of educational and training programmes for logistics practitioners to upgrade their qualifications, knowledge and skill sets.

For logistics professionals who have to juggle their time with work and personal commitments, CILTS has launched a series of online, self-paced e-learning modules.

The Supply Chain Professional Development (SCPD) Programme is one of the first logistics e-learning programmes in the world providing a flexible, convenient and cost-effective way for logistics professionals (and other industry professionals) to upgrade their skills and knowledge.

## PROGRAMME STRUCTURE

The SCPD Programme comprises two levels, the **Advanced Professional Certificate** (four modules: SCPD05-08) and the **Professional Certificate** (four modules: SCPD01-04). Each module takes about two to four weeks to complete.

The Syllabus for the Advanced Professional Certificate level also addresses the curriculum for the **Certified Professional Logistician (CPL)** certification, which is exclusively awarded by CILTS. CPL candidates taking the four advanced SCPD modules shall proceed to sit for the CPL examination upon meeting eligibility conditions of work experience and qualifications. Successful candidates will be awarded the CPL certificate.

## CONTINUING PROFESSIONAL DEVELOPMENT TRAINING ROADMAP

The SCPD programme is part of CILTS' Continuing Professional Development (CPD) plan for industry professionals. The progression path of the SCPD Programme leading to the industry's highest certification, the CPL award, is shown below.



[CLICK HERE for SCPD course participants' comments](#)



## Professional Certificate

### **SCPD01 Managing Resources**

- Topic 1 Basic management functions and tasks
- Topic 2 Financial management
- Topic 3 Marketing management
- Topic 4 Decision-making process
- Topic 5 Human resource management
- Topic 6 Strategic management process – SWOT analysis, Porter’s Five Forces Model
- Topic 7 Internal and external environment, stakeholders and information systems
- Topic 8 Ethical issues and legal framework

### **SCPD02 Transport & Logistics Management**

- Topic 1 Integrated logistics and the supply chain
- Topic 2 Customer service and logistics
- Topic 3 Channels of distribution
- Topic 4 Logistics process and network planning
- Topic 5 International logistics and modal choice – maritime transport, air transport, rail and intermodal transport & road freight transport
- Topic 6 Outsourcing logistics
- Topic 7 Information and communication technology
- Topic 8 Key issues and challenges

### **SCPD03 Warehouse Management**

- Topic 1 Roles & Functions of Warehousing
- Topic 2 Pick Preparation & Order Picking Methods
- Topic 3 Storage Systems & Material Handling Equipment
- Topic 4 Stock Management
- Topic 5 Warehouse Layout
- Topic 6 Warehouse Pricing & Costing
- Topic 7 Health, Safety & the Environment

### **SCPD04 Procurement and Logistics Management**

- Topic 1 The Scope & Influence of Procurement
- Topic 2 Strategic Procurement
- Topic 3 Logistics and Supply Chains
- Topic 4 Organisational & Supply Chain Structures
- Topic 5 Procurement Policies, Procedures & Support Tools
- Topic 6 Supplier Relationships & Partnering
- Topic 7 Quality Management, Service & Product Innovation
- Topic 8 Matching Supply with Demand
- Topic 9 Sourcing, Supplier Selection & Performance Management
- Topic 10 Global Sourcing

## Advanced Professional Certificate

### **SCPD05 Supply Chain Management**

- Topic 1 Key Issues & Strategies in SCM
- Topic 2 Customer Value
- Topic 3 Warehousing & Material Handling
- Topic 4 Procurement
- Topic 5 Integrated Supply Chains
- Topic 6 Supply Chain Technology
- Topic 7 Supply Chain Risks

### **SCPD06 IT & E-Commerce**

- Topic 1 E-Logistics – Introduction
- Topic 2 ICT for Airfreight Management
- Topic 3 Port-centric ICT System
- Topic 4 E-commerce in Warehousing
- Topic 5 RFID in Logistics
- Topic 6 Trade & Transport Electronic Single Windows
- Topic 7 Technologies & Trends

### **SCPD07 Service Operations Management**

- Topic 1 Introduction to Service Operations Management
- Topic 2 The Service Concept
- Topic 3 Customers & Relationships
- Topic 4 Managing Customer Expectations & Relationships
- Topic 5 Managing Supply Networks & Supplier Relationships
- Topic 6 Designing the Customer Experience
- Topic 7 Designing the Service Process
- Topic 8 Measuring, Controlling & Managing
- Topic 9 Driving Continuous Improvement

### **SCPD08 Business Logistics Management**

- Topic 1 Global Demand & Supply Strategies
- Topic 2 Logistics Strategies
- Topic 3 Implementing the Strategy
- Topic 4 Developing High-Quality Logistics Systems
- Topic 5 Inventory Management
- Topic 6 Sourcing Materials & Services
- Topic 7 Key Management Models 1
- Topic 8 Key Management Models 2
- Topic 9 Sustainable Logistics

