

**City University of Hong Kong  
Course Syllabus**

**offered by Department of Management Sciences  
with effect from Semester A 2024/25**

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**Part I Course Overview**

<b>Course Title:</b>	Supply Chain Management
<b>Course Code:</b>	FB6721
<b>Course Duration:</b>	One Semester
<b>Credit Units:</b>	3
<b>Level:</b>	P6
<b>Medium of Instruction:</b>	English
<b>Medium of Assessment:</b>	English
<b>Prerequisites:</b> <i>(Course Code and Title)</i>	Nil
<b>Precursors:</b> <i>(Course Code and Title)</i>	Nil
<b>Equivalent Courses:</b> <i>(Course Code and Title)</i>	Nil
<b>Exclusive Courses:</b> <i>(Course Code and Title)</i>	MS6721/MS6721A Supply Chain Management

## Part II Course Details

### 1. Abstract

A supply chain is a network of facilities and organizations that is involved in acquiring raw materials and services, and then producing and delivering the end products and services with added value to customers. The objective of supply chain management is to effectively coordinate the flows of products, information and finance in supply chains. This course aims to give students a balanced, contemporary view of managerial issues which arise in coordinating these three flows in the supply chain.

### 2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Design the scope of supply chain management and identify the major sources of challenges in supply chain management.	20%	✓		
2.	Apply appropriate supply chain strategies with product characteristics.	30%		✓	
3.	Demonstrate the appropriate performance measures with organizational and customer needs.	10%		✓	
4.	Apply Information Technology and the theory of objective alignment to solve issues in supply chain coordination	20%		✓	
5.	Design appropriate operational strategies to improve supply chain performance	20%		✓	✓
		100%			

**A1: Attitude**

*Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.*

**A2: Ability**

*Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.*

**A3: Accomplishments**

*Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.*

### 3. Learning and Teaching Activities (LTA)

(LTAs designed to facilitate students' achievement of the CILOs.)

LTA	Brief Description	CILO No.					Hours/week (if applicable)
		1	2	3	4	5	
Lecture	Students will attend lectures on theory, methods, and skills, which will be demonstrated with examples.	✓	✓	✓	✓	✓	2
Case study	Students will explore relevant cases to understand the ideas and experience the perspectives of decision makers, exposing the trade-offs involved in practical business environments.	✓	✓	✓	✓		1
Reading	Students will follow a general reading list to facilitate their learning and complete a special reading assignment to present a thorough and comprehensive business story, on which they are required to write a reading report.	✓	✓	✓	✓	✓	1

### 4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.					Weighting	Remarks
	1	2	3	4	5		
Continuous Assessment: 50%							
1. Case Exercise	✓	✓	✓	✓	✓	30%	
2. Assignments	✓	✓		✓	✓	20%	
Examination: 50% (duration: 2 hours, if applicable)							
1. Examination	✓	✓	✓	✓	✓	50%	
						100%	

## 5. Assessment Rubrics

*(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)*

Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
Case Exercise	This AT is to present students with a very thorough and comprehensive business situation. The students are expected, as much as they can, to appreciate and recognize the connections of the case with the theory covered by the course, to understand the ideas in the case and to develop the ability to solve problems presented in the case.	High	Significant	Moderate	Basic	Not even reaching marginal levels
Assignments	This AT is to provide students with basic training on the key skills covered by the lectures. The students are expected to solve them independently or in groups (as specified by the assignments)	High	Significant	Moderate	Basic	Not even reaching marginal levels
Examination	Students are expected to solve the problems, as well as they can, with clear key points covered for open-end questions, with clear logic for computation-required questions, and with novel ideas for strategic level questions.	High	Significant	Moderate	Basic	Not even reaching marginal levels

Applicable to students admitted from Semester A 2022/23 to Summer Term 2024

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
Case Exercise	This AT is to present students with a very thorough and comprehensive business situation. The students are expected, as much as they can, to appreciate and recognize the connections of the case with the theory covered by the course, to understand the ideas in the case and to develop the ability to solve problems presented in the case.	High	Significant	Moderate	Not even reaching marginal levels
Assignments	This AT is to provide students with basic training on the key skills covered by the lectures. The students are expected to solve them independently or in groups (as specified by the assignments)	High	Significant	Moderate	Not even reaching marginal levels
Examination	Students are expected to solve the problems, as well as they can, with clear key points covered for open-end questions, with clear logic for computation-required questions, and with novel ideas for strategic level questions.	High	Significant	Moderate	Not even reaching marginal levels

**Part III Other Information** (more details can be provided separately in the teaching plan)

**1. Keyword Syllabus**

*(An indication of the key topics of the course.)*

**Introduction to Supply Chain Management (SCM)**

What is SCM? The complexity and the key issues in SCM. Supply chain strategies.

**Logistics Network**

Key parties and their responsibilities. Data essential for logistics network configuration.

**Inventory Management**

Demand forecasting. Strategic sourcing. Distribution requirement planning, material requirement planning. Inventory management, risk pooling and postponement, and distribution strategies for the supply chain.

**Information and Supply Chain Management**

The value of information. Bullwhip Effect. Beer Game. Information for supply chain integration and coordination. Vendor managed inventory.

**Global Supply Chain Management**

Issues such as tax/tariff and rules of origin/trade agreements pertinent to global supply chains; risk management; globalization strategies

**Special Topics in SCM**

Supply chain contract; revenue management; smart pricing.

**Technologies and SCM**

Enabling technologies such as IT and Internet of Things/RFID and SCM. Emerging trends in the industry.

**2. Reading List**

**2.1 Compulsory Readings**

*(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)*

1.	David Simchi-Levi, Philip Kaminsky, Edith Simchi-Levi, Designing and Managing the Supply Chain, McGraw-Hill, 2009 (3rd ed.)
2.	Gerald Cachon and Christian Terwiesch, Matching Supply with Demand, McGraw-Hill, 2013 (3rd ed.)

**2.2 Additional Readings**

*(Additional references for students to learn to expand their knowledge about the subject.)*

1.	Sunil Chopra, Peter Meindl, Supply Chain Management, Strategy, Planning & Operations, Pearson, 2007.
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