City University of Hong Kong
Course Syllabus

offered by Department of Management Sciences
with effect from Semester A 2017 /18

Part I Course Overview

Course Title:	Supply Chain Management
Course Code:	FB6721
Course Duration:	One Semester
Credit Units:	3
Level:	P6
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: *(Course Code and Title)*	Nil
Precursors: *(Course Code and Title)*	Nil
Equivalent Courses: *(Course Code and Title)*	Nil
Exclusive Courses: *(Course Code and Title)*	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.	Define the scope of supply chain management and identify the major sources of challenges in supply chain management.	20%	✓		
2.	Align appropriate supply chain strategies with product characteristics.	30%		✓	
3.	Align 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 self-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. Teaching and Learning Activities (TLAs)

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

TLA	Brief Description	CILO No.						Hours/week (if applicable)
		1	2	3	4	5		
Lectures	Lectures on theory, methods and skills, demonstrate with examples	✓	✓	✓	✓	✓		2
Case study	Relevant cases to demonstrate the ideas and get students to walk in the shoes of the decision makers. Expose the trade-offs involved in practical business environments.	✓	✓	✓	✓			1
Reading	General reading list that facilitate students' learning and a special reading assignment to present a thorough and comprehensive business story, on which students 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 %								
Case Exercise	✓	✓	✓	✓	✓		30%	
Assignments	✓	✓		✓	✓		20%	
Examination: 50% (duration: 2 hours , if applicable)								
Examination	✓	✓	✓	✓	✓		50%	
							100%	

5. Assessment Rubrics

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

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. 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
2. 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
3. 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

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.