

**City University of Hong Kong  
Course Syllabus**

**offered by Department of Management Sciences  
with effect from Semester A 2022 /23**

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**Part I Course Overview**

<b>Course Title:</b>	Transportation Logistics
<b>Course Code:</b>	MS6322
<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>	Nil

## Part II Course Details

### 1. Abstract

This course aims to:

- Understand the fundamentals of transportation and logistics
- Understand the strategic role and value of logistics in supply chains
- Understand key operational decisions and analytical tools in logistics and transportation planning
- Understand how to design business models and conduct strategic planning with logistics
- Understand transportation and logistics markets

### 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.	Understand the fundamentals of transportation and logistics	20%	✓	✓	✓
2.	Understand the strategic role and value of logistics in supply chains	20%	✓	✓	✓
3.	Understand key operational decisions and analytical tools in logistics and transportation planning	20%	✓	✓	✓
4.	Understand how to design business models and conduct strategic planning with logistics	20%	✓	✓	✓
5.	Understand transportation and logistics markets	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	Concepts, general knowledge and methodologies of transportation and logistics are explained during lectures.	✓	✓	✓	✓		
Group case studies, presentations and report writing.	Conduct group case studies of real-world transportation and logistics problems, prepare and perform in-class presentations and submit a report after the representations.	✓	✓	✓		✓	

**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: 60 %							
Group Case Studies, Presentation and Report	✓	✓	✓	✓	✓	30%	
Individual Assignment	✓	✓	✓	✓	✓	20%	
Class Participation	✓	✓	✓	✓	✓	10%	
Examination: 40 % (duration: 2 hours, if applicable)							
Examination	✓	✓	✓	✓	✓	40%	
						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 in Semester A 2022/23 and thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
1. Group Case Studies, Presentation and Report	Capacity to analyse the real-world cases and ability to employ principles and methods to explain the findings and insights, and conduct a presentation.	High	Moderate	Low	Not even reaching marginal levels
2. Individual Assignment	Answer the exercise correctly and provide managerial interpretations on the results using the relevant concepts and theories.	High	Moderate	Low	Not even reaching marginal levels
3. Class participation	Attend the lectures and engage in class discussions.	High	Moderate	Low	Not even reaching marginal levels
4. Examination	Answer exam questions including both multi-choice questions and discussion questions correctly in two hours.	High	Moderate	Low	Not even reaching marginal levels

Applicable to students admitted before Semester A 2022/23

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. Group Case Studies, Presentation and Report	Capacity to analyse the real-world cases and ability to employ principles and methods to explain the findings and insights, and conduct a presentation.	High	Significant	Moderate	Basic	Not even reaching marginal levels
2. Individual Assignment	Answer the exercise correctly and provide managerial interpretations on the results using the relevant concepts and theories.	High	Significant	Moderate	Basic	Not even reaching marginal levels
3. Class participation	Attend the lectures and engage in class discussions.	High	Significant	Moderate	Basic	Not even reaching marginal levels
4. Examination	Answer exam questions including both multi-choice questions and discussion questions correctly in two hours.	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.)*

1. Introduction to Transportation and Logistics
2. Outbound-to-Customer Logistics: Demand Planning/Order Management/Customer Services
3. Distribution Strategies: Facility Location, Warehousing, Packaging and Materials Handling
4. Transport: Fundamentals
5. Transport: Routing and Scheduling
6. International Trade and Logistics
7. Shipping Derivatives and Risk Management
8. Transport Service Pricing and Revenue Management
9. Green Logistics

**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.)*

- Coyle et al., *Supply Chain Management: A Logistics Perspective*, 10<sup>th</sup> Edition (Cengage Learning)

**2.2 Additional Readings**

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

1.	Paul R. Murphy, Jr. and A. Michael Knemeyer. <i>Contemporary Logistics</i> , 11/E (Pearson, 2015)
2.	Chopra, S., and P. Meindl, <i>Supply Chain Management: Strategy, Planning and Operation</i> , 6 <sup>th</sup> ed., Prentice Hall, 2015, New Jersey.
3.	Simchi-Levi, D., P. Kaminsky, and E. Simchi-Levi, <i>Designing and Managing the Supply Chain</i> , 3 <sup>rd</sup> ed., McGraw-Hill, 2007, New York.
4.	Ronald H. Ballou, <i>Business Logistics/Supply Chain Management</i> , 5th Edition (Upper Saddle River, NJ: Prentice-Hall, 2004).