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:	Transportation Logistics
Course Code:	MS6322
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)*	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.)

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*, 10th 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. *Contemporary Logistics*, 11/E (Pearson, 2015)
2.	Chopra, S., and P. Meindl, *Supply Chain Management: Strategy, Planning and Operation*, 6th ed., Prentice Hall, 2015, New Jersey.
3.	Simchi-Levi, D., P. Kaminsky, and E. Simchi-Levi, *Designing and Managing the Supply Chain*, 3rd ed., McGraw-Hill, 2007, New York.
4.	Ronald H. Ballou, *Business Logistics/Supply Chain Management*, 5th Edition (Upper Saddle River, NJ: Prentice-Hall, 2004).