

# The Hong Kong Polytechnic University

## Subject Description Form

<b>Subject Code</b>	LGT5002
<b>Subject Title</b>	International Logistics Systems, Operations and Management
<b>Credit Value</b>	3
<b>Level</b>	5
<b>Normal Duration</b>	1-semester
<b>Exclusion</b>	CSE564 Transportation and Logistics LGT5061 International Logistics Management
<b>Objectives</b>	<p>This subject aims to provide students with an understanding of the growing importance of international logistics systems, operations and management.</p> <p>To familiarize students with the fundamental knowledge and skills of international logistics and how they can be applied to help firms achieve cost and service advantages in the world's marketplace, by integrating the logistics concept into the business and applying appropriate methods for specific logistics management problems at different international contexts.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc in Global Business and Decision Analysis #4 Apply decision tools/models to analyse global business problems (Learning objective 4a)</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream) #2 Evaluate international logistics systems, operations and management, provide an insight and understanding of the concepts, theory of international logistics</p> <p>MSc/PgD in Global Supply Chain Management #1 Employ supply chain management (Learning objective 1b) 2 Build up operations and logistics concepts</p>
<b>Intended Learning Outcomes</b>	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> <li>a. Identify and evaluate the elements of an international logistics system;</li> <li>b. Understand the relationships between international logistics management, the international business environment, and the opportunities and challenges for Hong Kong;</li> <li>c. Recognize the complexity of the elements in international logistics system and how they are related to organizational performance;</li> <li>d. Learn the current issues for the design and evaluation of an international logistics system;</li> <li>e. Understand how the elements of an international logistics system should be integrated and coordinated in the most cost effective manner;</li> </ol>

	<p>f. Understand the implication of contemporary technology in the international logistics operations context</p> <p>g. Understand social responsibility and ethic in managing international logistics systems and operations.</p>																																																				
<b>Subject Synopsis/ Indicative Syllabus</b>	Environment of a logistics system; Logistics and competitiveness; Globalization and the world economy; International logistics and the opportunities and challenges for Hong Kong; International trade theories and practices; Trading terms and practices; Import/ export issues; Logistics outsourcing and the risks; Logistics information management; IT-enabled logistics and emerging information technologies for logistics, Logistics customer services; Shipping markets and the roles of international shipping; Trends in the shipping industry, Air cargoes and intermodal freight transport; International purchasing and supply; Logistics and maritime security issues; Warehousing management; Reverse logistics and environmental issues; Customer and supplier relationships for international business; Applications of technology in international logistics such as digitalization, artificial intelligence, blockchain, and autonomous ship; Emerging topics and corporate social responsibility issues on international logistics management.																																																				
<b>Teaching/Learning Methodology</b>	<p>The learning outcomes are achieved through a participative approach where students are</p> <ul style="list-style-type: none"> <li>▪ Encouraged to think of real life examples and discuss their management implications with peers in the class and with the lecturer;</li> <li>▪ Required to learn from lectures, case analyses, article review, research papers, group discussion, and interactions with the lecturer and among themselves;</li> <li>▪ Instructed to review current international logistics related articles to enhance their understanding of international logistics systems, operations, and management.</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Teaching/Learning Methodologies</th> <th colspan="7">Intended Subject Learning Outcomes to be assessed</th> </tr> <tr> <th></th> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> <th>f</th> <th>g</th> </tr> </thead> <tbody> <tr> <td>Lecture</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Tutorial</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>	Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed								a	b	c	d	e	f	g	Lecture	✓	✓	✓	✓	✓	✓	✓	Tutorial	✓	✓	✓	✓	✓	✓	✓																				
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	Total	100 %	
	<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>The objective of the final examination (50%) is for students to review all concepts covered in the course. There are two parts in coursework:</p> <p>Midterm test (30%) requires students to answer key points from various class topics with the aim for evaluating student learning outcomes on individual basis.</p> <p>Class attendance performance (20%) encourages student participation and contributions to various class activities.</p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>		
<b>Student Study Effort Expected</b>	Class contact:		
	<ul style="list-style-type: none"> <li>▪ Lectures / Tutorials</li> </ul>	39 Hrs.	
	Other student study effort:		
	<ul style="list-style-type: none"> <li>▪ Preparation for coursework activities</li> </ul>	42 Hrs.	
	<ul style="list-style-type: none"> <li>▪ Self-study for course materials</li> </ul>	45 Hrs.	
	Total student study effort		126 Hrs.
<b>Reading List and References</b>	<p><b><i>Recommended reference materials</i></b></p> <p>United Nations Conference on Trade and Development (UNCTAD), Review of Maritime Transport, United Nations Publication, New York.</p> <p>Lun, Y. H. V. and Lai, K. H. (2010) Shipping and Logistics Management, Springer, UK. (ISBN-978-1-84882-996-1)</p> <p>Lun, Y. H. V., Lai, K. H. and Cheng, T. C. E. (2009) Container Transport Management, Shipping and Transport Logistics Book Series, Inderscience, Geneva, Switzerland. (ISBN 0-907776-40-X)</p> <p>Hill, C. Schilling, M. A., and Jones, G. R., (2016). Strategic Management: An Integrated Approach, 12th Edition, Cengage Publishers. (ISBN 978-1-305-50227-7)</p> <p>Lu, C.S., Wang, Y, H, Yang, C. C, and Lin, C. C. (2019). International Logistics and Supply Chain Management, Tsang Hai Publishing (Taiwan), Chinese Version.</p> <p>Pierre David, and Stewart, Richard, (2010) International Logistics, Cengage Learning.</p> <p>Scholarly Journals: Maritime Business Review, International Journal of Physical Distribution and Logistics Management</p>		