

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5002
Subject Title	International Logistics Systems, Operations and Management
Credit Value	3
Level	5
Normal Duration	1-semester
Exclusion	CSE564 Transportation and Logistics LGT5061 International Logistics Management
Role and Purposes	<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 International Shipping and Transport Logistics (Mixed-mode/Full time Stream) #2 Evaluate international logistics systems, operations and management</p> <p>MSc in Global Supply Chain Management #2 Build up operations and logistics concepts</p>
Subject Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Identify and evaluate the elements of an international logistics system; b. Understand the relationships between international logistics management, the international business environment, and the opportunities and challenges for Hong Kong; c. Recognize the complexity of the elements in international logistics system and how they are related to organizational performance; d. Learn the current issues for the design and evaluation of an international logistics system; e. Understand how the elements of an international logistics system should be integrated and coordinated in the most cost effective manner; f. Understand the implication of contemporary technology in the international logistics operations context g. Understand social responsibility and ethic in managing international logistics systems and operations.

Subject Synopsis/ Indicative Syllabus	<p>Concept 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.</p>																																																																				
Teaching/Learning Methodology	<p>The learning outcomes are achieved through a participative approach where students are</p> <ul style="list-style-type: none"> ▪ Encouraged to think of real life examples and discuss their management implications with peers in the class and with the lecturer; ▪ Required to learn from lectures, case analyses, article review, research papers, group discussion, and interactions with the lecturer and among themselves; ▪ Instructed to review current international logistics related articles to enhance their understanding of international logistics systems, operations, and management. <table border="1" data-bbox="536 1193 1481 1476"> <thead> <tr> <th data-bbox="536 1193 831 1290">Teaching/Learning Methodologies</th> <th colspan="7" data-bbox="836 1193 1481 1290">Intended Subject Learning Outcomes to be assessed</th> </tr> <tr> <td data-bbox="536 1296 831 1352"></td> <th data-bbox="836 1296 938 1352">a</th> <th data-bbox="943 1296 1045 1352">b</th> <th data-bbox="1050 1296 1152 1352">c</th> <th data-bbox="1157 1296 1259 1352">d</th> <th data-bbox="1264 1296 1366 1352">e</th> <th data-bbox="1370 1296 1473 1352">f</th> <th data-bbox="1477 1296 1578 1352">g</th> </tr> </thead> <tbody> <tr> <td data-bbox="536 1359 831 1415">Lecture</td> <td data-bbox="836 1359 938 1415">✓</td> <td data-bbox="943 1359 1045 1415">✓</td> <td data-bbox="1050 1359 1152 1415">✓</td> <td data-bbox="1157 1359 1259 1415">✓</td> <td data-bbox="1264 1359 1366 1415">✓</td> <td data-bbox="1370 1359 1473 1415">✓</td> <td data-bbox="1477 1359 1578 1415">✓</td> </tr> <tr> <td data-bbox="536 1422 831 1476">Tutorial</td> <td data-bbox="836 1422 938 1476">✓</td> <td data-bbox="943 1422 1045 1476">✓</td> <td data-bbox="1050 1422 1152 1476">✓</td> <td data-bbox="1157 1422 1259 1476">✓</td> <td data-bbox="1264 1422 1366 1476">✓</td> <td data-bbox="1370 1422 1473 1476">✓</td> <td data-bbox="1477 1422 1578 1476">✓</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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	<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>	
Student Study Effort Expected	Class contact:	
	<ul style="list-style-type: none"> ▪ Lectures / Tutorials 	39 Hrs.
	Other student study effort:	
	<ul style="list-style-type: none"> ▪ Preparation for coursework activities 	42 Hrs.
	<ul style="list-style-type: none"> ▪ Self-study for course materials 	45 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	<p><i>Recommended reference materials</i></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>Journals: Maritime Business Review, International Journal of Physical Distribution and Logistics Management</p>	