

# The Hong Kong Polytechnic University

## Subject Description Form

<b>Subject Code</b>	LGT6004
<b>Subject Title</b>	Strategic Supply Chain and Logistics Management
<b>Credit Value</b>	3
<b>Level</b>	6
<b>Normal Duration</b>	1-semester
<b>Pre-requisite / Co-requisite/ Exclusion</b>	Nil
<b>Role and Purposes</b>	<p>The course focuses on operations management issues in supply chains and logistics. The course objectives are to learn recent best practices in supply chain management, and to develop analytical skills for DBA/DMgt research in this area. Skill development is accomplished through lectures, individual assignments, group presentations, and case studies.</p> <p>This subject contributes to the achievement of the DBA/DMgt outcome by broadening, updating and deepening students' knowledge of business administration in general (Outcome 1).</p>
<b>Subject Learning Outcomes</b>	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"><li>Understand the strategic importance of logistics and product supply chain management in improving a firm's competitive position;</li><li>Understand the impact of supply chain management principle on a firm's overall strategy;</li><li>Understand the key characteristics of successful supply chains and how they differ from the traditional approaches;</li><li>Gain insights into issues involved in the design, planning, and deployment of a supply chain;</li><li>Understand the use of analytical tools for logistics, operations, and supply chain management in DBA/DMgt research.</li></ol>
<b>Subject Synopsis/ Indicative Syllabus</b>	Concepts in supply chain management; strategic alliances and partnerships; demand forecasting; inventory management in the supply chain; risk pooling concept; economics of supply chain and logistics; supply contracts and incentives; logistics network design and planning; the value of information; product and process design for logistics; pricing and revenue management.

<b>Teaching/Learning Methodology</b>	A mix of lectures to impart knowledge and spreadsheet-simulated case studies to demonstrate applications will be the pedagogical approach. Group projects, case studies, and presentations will be the basis for experiential learning.																																							
<b>Assessment Methods in Alignment with Intended Learning Outcomes</b>	<table border="1" data-bbox="517 398 1468 862"> <thead> <tr> <th data-bbox="517 398 919 600" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="919 398 1075 600" rowspan="2">% weighting</th> <th colspan="5" data-bbox="1075 398 1468 533">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="1075 533 1142 600">a</th> <th data-bbox="1142 533 1209 600">b</th> <th data-bbox="1209 533 1276 600">c</th> <th data-bbox="1276 533 1343 600">d</th> <th data-bbox="1343 533 1468 600">e</th> </tr> </thead> <tbody> <tr> <td data-bbox="517 600 919 723">Continuous Assessment Assignments (30%) Group Project (30%)</td> <td data-bbox="919 600 1075 723">60 %</td> <td data-bbox="1075 600 1142 723">✓</td> <td data-bbox="1142 600 1209 723">✓</td> <td data-bbox="1209 600 1276 723">✓</td> <td data-bbox="1276 600 1343 723">✓</td> <td data-bbox="1343 600 1468 723">✓</td> </tr> <tr> <td data-bbox="517 723 919 790">Examination</td> <td data-bbox="919 723 1075 790">40 %</td> <td data-bbox="1075 723 1142 790">✓</td> <td data-bbox="1142 723 1209 790">✓</td> <td data-bbox="1209 723 1276 790">✓</td> <td data-bbox="1276 723 1343 790">✓</td> <td data-bbox="1343 723 1468 790">✓</td> </tr> <tr> <td data-bbox="517 790 919 862">Total</td> <td data-bbox="919 790 1075 862">100 %</td> <td colspan="5" data-bbox="1075 790 1468 862"></td> </tr> </tbody> </table> <p data-bbox="517 913 1468 981">Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p data-bbox="517 1014 1468 1294">Assessment of coursework includes homework assignments and group projects (including presentations). The homework assignments, group projects, and final exam will cover all topics in the syllabus, with a focus of testing students' understanding of the strategic importance of SCM, key characteristics of successful supply chains, and impact of SCM principle on a firm's overall strategy. It will also test students' insights into issues involved in the supply chain planning and design, as well as students' fundamental skills for analyzing a supply chain.</p> <p data-bbox="517 1328 1468 1395"><i>To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</i></p>							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					a	b	c	d	e	Continuous Assessment Assignments (30%) Group Project (30%)	60 %	✓	✓	✓	✓	✓	Examination	40 %	✓	✓	✓	✓	✓	Total	100 %					
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<b>Student Study Effort Expected</b>	Class contact:																																							
	▪ Lectures						30 Hrs.																																	
	▪ Final exam						2 Hrs.																																	
	Other student study effort:																																							
	▪ Homework assignments and case studies						50 Hrs.																																	
	▪ Reading assignments						40 Hrs.																																	
	Total student study effort						122 Hrs.																																	
<b>Reading List and References</b>	<p data-bbox="517 1888 1468 2000">Simchi-Levi, D., Kaminsky, P. and Simchi-Levi, E. (2011), <i>Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies</i>, 4th edition, McGraw-Hill.</p> <p data-bbox="517 2000 1468 2089">Chopra, S. and Meindl, P. (2009), <i>Supply Chain Management: Strategy, Planning and Operation</i>, 4<sup>th</sup> edition, Prentice Hall.</p> <p data-bbox="517 2089 1468 2130">Cachon, G. and Terwiesch, C. (2009), <i>Matching Supply with Demand: An</i></p>																																							

	<i>Introduction to Operations Management</i> , 2 <sup>nd</sup> Edition, McGraw-Hill.
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	Articles from various academic journals.
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