

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT6004
Subject Title	Strategic Supply Chain and Logistics Management
Credit Value	3
Level	6
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<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 outcomes by broadening, updating and deepening students' knowledge of business administration in general with an appreciation of digital transformation in the business world. (Outcome 1).</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Understand the strategic importance of logistics and supply chain management in improving a firm's competitive position; b. Understand the value of information and data-driven decision making in logistics and supply chain management; c. Understand the key characteristics of successful supply chains and how they differ from the traditional approaches; d. Gain insights into operational issues involved in the design, planning, and deployment in supply chains.
Subject Synopsis/ Indicative Syllabus	<p>Definitions of supply chain and logistics; consumer-driven network design and planning; supply chain/operations strategy; data-driven production and service; data analytics and artificial intelligence in decision making; strategic alliances, partnerships, and co-opetition; information sharing; procurement; inventory management; risk management; quality management; supply chain contracts and incentives; information infrastructure and coordination.</p>
Teaching/Learning Methodology	<p>Lectures to impart knowledge along with in-class case discussions will be the pedagogical approach. Group projects, case studies, and presentations will be organized to facilitate the learning process.</p>

Assessment Methods in Alignment with Intended Learning Outcomes	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 %					
<p><i>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</i></p> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Assessments include individual case assignment, group project (including presentations) and final exam. The assignments and exams cover all the topics in the syllabus, to test students' understanding of the strategic importance of supply chain management and the various issues involved to develop competitive supply chains.</p>							
Student Study Effort Expected	Class contact:						
	▪ Lectures		30 Hrs.				
	▪						
	Other student study effort:						
	▪ Homework assignments and case studies		50 Hrs.				
	▪ Reading assignments		40 Hrs.				
	Total student study effort		120 Hrs.				
Reading List and References	<p>Chopra, S. (2019), <i>Supply Chain Management: Strategy, Planning and Operation</i> (7th ed.). New York, NY: Prentice Hall.</p> <p>Chase, R. B., Jacobs, F. R. 2018. <i>Operations and Supply Chain Management</i>, 15th edition, McGraw-Hill.</p> <p>Anupindi, R., Chopra, S., Deshmukh, S. D., van Mieghem, J. A., and Zemel, E. 2011. <i>Managing Business Process Flows: Principles of Operations Management</i>, 3rd edition, Pearson Prentice Hall.</p> <p>Articles from various academic journals.</p>						