

The Hong Kong Polytechnic University

Subject Description Form

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| Subject Code | LGT5015 |
| Subject Title | Supply Chain Management |
| Credit Value | 3 |
| Level | 5 |
| Normal Duration | 1-semester |
| Pre-requisite / Co-requisite/ Exclusion | Nil |
| Role and Purposes | <p>This course discusses the concepts, theory, models, tools, and the best practices of modern product supply chain management to help students:</p> <ul style="list-style-type: none"> ▪ understand the strategic importance of SCM in improving a firm's competitive position in the marketplace; ▪ understand the key characteristics of successful supply chains and how they differ from the traditional approaches; ▪ gain insights into issues involved in the design, planning, and deployment of a supply chain; ▪ understand the impact of SCM principle on a firm's overall strategy, in particular, the impact on a firm's marketing strategy; ▪ understand the supply chain management development in the internet plus time; ▪ develop fundamental skills for analyzing and managing a supply chain in an organization. <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc in Global Supply Chain Management</p> <p>#1 Employ supply chain management #5 Practise business ethics</p> |
| Subject Learning Outcomes | <p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. evaluate the impact of supply chain and logistics activities on the financial performance of a firm b. identify and assess the inter-actions of inventory, time, information, and financial factors in a supply chain context c. recognize and understand some basic modelling approaches for supply chain design and optimization d. recognize and understand the importance of the multi-organizational nature of supply chain management e. recognize and understand some key issues in supply chain management and the possible approaches that can be used to tackle these issues f. understand the ethical issues in the global supply chain management |

| Subject Synopsis/ Indicative Syllabus | <ul style="list-style-type: none"> ▪ Logistics, supply chain, and competitive advantages ▪ The role of inventory in supply chains and basic methodologies for inventory management ▪ Uncertainty and risk, and how to deal with them through good inventory management approaches ▪ Value of information and information sharing in supply chains ▪ Distribution strategies ▪ Supply chain coordination and strategic alliance ▪ Procurement and outsourcing ▪ Supply chain integration ▪ Ethical issues in supply chain and logistics operations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Teaching/Learning Methodology | <p>Lectures to introduce concepts, theories, management issues, and methodologies.</p> <p>Case study and group discussion: make connections of the contents from the lectures with real business practices so as to deepen the understanding of the concepts, theories, and issues of supply chain management.</p> <p>In-class exercises and take-home assignments: help students to grasp some of the key methodologies and tools; practice some basic analysis skills and access their understanding of some basic concepts and analysis skills.</p> <p>Group project to help students to recognize the key management issues in a complex real business context and develop systematic approaches and solutions to resolve the management problem .</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Assessment Methods in Alignment with Intended Learning Outcomes | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 25%;">Specific assessment methods/tasks</th> <th rowspan="2" style="width: 10%;">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th style="width: 5%;">a</th> <th style="width: 5%;">b</th> <th style="width: 5%;">c</th> <th style="width: 5%;">d</th> <th style="width: 5%;">e</th> <th style="width: 5%;">f</th> </tr> </thead> <tbody> <tr> <td>1. Coursework*</td> <td>60 %</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>2. Examination</td> <td>40 %</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td></td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="6"></td> </tr> </tbody> </table> <p>*Coursework may include case studies, group projects, and individual assignments</p> <p><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 | f | 1. Coursework* | 60 % | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 2. Examination | 40 % | ✓ | ✓ | ✓ | | ✓ | ✓ | Total | 100 % | | | | | | |
| Specific assessment methods/tasks | % weighting | Intended subject learning outcomes to be assessed (Please tick as appropriate) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1. Coursework* | 60 % | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Examination | 40 % | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 100 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Student Study Effort Expected | <p>Class contact:</p> <ul style="list-style-type: none"> ▪ Lectures / Tutorials | | | | | 39 Hrs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | Other student study effort: | |
| | ▪ Group discussions | 12 Hrs. |
| | ▪ Projects | 42 Hrs. |
| | ▪ Reading and homework | 33 Hrs. |
| | Total student study effort | 126 Hrs. |
| Reading List and References | <p>Simchi-Levi, Kaminsky and Simchi-Levi, <i>Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies</i>, 3rd Edition, McGraw-Hill, 2007.</p> <p>Martin Christopher, <i>Logistics and Supply Chain Management</i>, 3rd Edition, Prentice Hall, 2005.</p> <p>Handout reading materials</p> | |