

The Hong Kong Polytechnic University

Subject Description Form

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| Subject Code | LGT5211 |
| Subject Title | GSCM Project |
| Credit Value | 6 |
| Level | 5 |
| Normal Duration | 1 academic year (two 13-week semesters and one 7-week summer term)* |
| Pre-requisite | LGT5015 Supply Chain Management |
| Exclusion | LGT5215 Practice of Global Supply Chain Management |
| Role and Purposes | <ul style="list-style-type: none"> ▪ Examine critically and in-depth a focused topic of interest arising, ideally, from the work done within the programme and/or in the student's employment and to make integrative linkages between classroom learning and work experience; ▪ Demonstrate the use of relevant scientific and analytical methods and practical skills, including those acquired during the programme, in the treatment of the chosen topic; ▪ Demonstrate an understanding of relevant research literature in the project topic area; ▪ Demonstrate an ability to set the chosen topic in its wider context, to sustain an argument, and to present conclusions related to policies or practices. |
| Subject Learning Outcomes | <p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Identify a research problem in real world and write research proposals. b. Conduct literature review on issues related to the problem areas. c. Apply appropriate research methodologies with sound academic rigor in data collection, analysis and interpretation of the research findings. d. Deduce the solutions to the identified problems scientifically and understand the limitations. e. Communicate the research results effectively. |
| Subject Synopsis/ Indicative Syllabus | <p>Why do research? What is good research? Scientific thinking – styles of thinking, the thought process, the scientific attitude; What makes an investigation scientific? What can empirical research do? The necessity of knowing the purpose of research; The ethics of research; Qualitative and quantitative approaches; Variable, Parameter, Assumption, Theory, Model, Hypothesis, Ideal causal-study design; Case-study descriptive research; Classification research; Measurement and estimation; Comparison; Research trying to find relationships; Investigating cause and effect; Mapping structures; Evaluation research; Questionnaire design; Interview; Survey; Sampling methods; Some principles of measurement – reliability and validity; Data</p> |

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| | analysis and interpretation; Writing Scientific Reports: Research report components and structure; Presentation of statistics; Plagiarism. | | | | | | |
| Teaching/Learning Methodology | Guided study on research methodology, more on student-centred activities | | | | | | |
| 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 |
| | Coursework | | | | | | |
| | Dissertation assessed by supervisor | 45 % | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Dissertation assessed by moderator | 35 % | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Viva voce | 20 % | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Total | 100 % | | | | | |
| <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Students need to go through a learning process by studying in depth a particular problem. They will seek guidance and stimulation from the supervisor. At the end, a dissertation needs to be produced to describe the findings of the study.</p> <p>Finally, all these marks are combined and the final grade is to be determined by the Dissertation Co-ordinator according to the assessment weighting set out.</p> <p><i>To pass this subject, students are required to obtain Grade D or above in the Continuous Assessment.</i></p> | | | | | | | |
| Student Study Effort Expected | Class contact: | | | | | | |
| | ▪ Discussions with supervisor | | | | | | 14 Hrs. |
| | ▪ | | | | | | Hrs. |
| | Other student study effort: | | | | | | |
| | ▪ Self-study | | | | | | 150 Hrs. |
| | ▪ Writing up the thesis | | | | | | 120 Hrs. |
| | Total student study effort | | | | | | 280 Hrs. |

**Reading List and
References**

Cooper, D. And Schindler, P., *Business Research Methods*, latest ed., McGraw-Hill, New York.

Jankowicz, A.D.: *Business Research Projects*, latest ed., Business Press Thomson Learning, London.

Judd, C. M., Smith, E. R. and Kidder, L. H., *Research Methods in Social Relations*, latest ed., Harcourt Brace Jovanovich, Fort Worth.

Lang, G., *A Practical Guide to Research Methods*, latest ed., University Press of America, Lanham.

Nation, J. (1997), *Research Methods*, Prentice Hall, N.J.

Tewksbury, Richard (2006), *Research methods: a qualitative reader*, Pearson/Prentice Hall, 2006.