

The Hong Kong Polytechnic University

Subject Description Form

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 analysis and interpretation; Writing</p>

	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>									
Student Study Effort Expected	Class contact:								
	<ul style="list-style-type: none"> ▪ Discussions with supervisor 							14 Hrs.	
	<ul style="list-style-type: none"> ▪ 							Hrs.	
	Other student study effort:								
	<ul style="list-style-type: none"> ▪ Self-study 							150 Hrs.	
	<ul style="list-style-type: none"> ▪ Writing up the thesis 							120 Hrs.	
	Total student study effort							280 Hrs.	

Reading List and References	<p>Cooper, D. And Schindler, P., <i>Business Research Methods</i>, latest ed., McGraw-Hill, New York.</p> <p>Jankowicz, A.D.: <i>Business Research Projects</i>, latest ed., Business Press Thomson Learning, London.</p> <p>Judd, C. M., Smith, E. R. and Kidder, L. H., <i>Research Methods in Social Relations</i>, latest ed., Harcourt Brace Jovanovich, Fort Worth.</p> <p>Lang, G., <i>A Practical Guide to Research Methods</i>, latest ed., University Press of America, Lanham.</p> <p>Nation, J. (1997), <i>Research Methods</i>, Prentice Hall, N.J.</p> <p>Tewksbury, Richard (2006), <i>Research methods: a qualitative reader</i>, Pearson/Prentice Hall, 2006.</p>
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