

# The Hong Kong Polytechnic University

## Subject Description Form

<b>Subject Code</b>	LGT5202
<b>Subject Title</b>	Project
<b>Credit Value</b>	6
<b>Level</b>	5
<b>Normal Duration</b>	1 academic year (two 13-week semesters and one 7-week summer term)*
<b>Exclusion</b>	LGT5201 Dissertation LGT5111 Practice of Operations Management LGT5153 Practice of Quality Management LGT5205 OM Dissertation LGT5211 GSCM Project LGT5215 Practice of Global Supply Chain Management
<b>Objectives</b>	<p>To create an opportunity for the application of concepts and techniques acquired during the taught programme, in a management practitioner environment, in order to complete the formal learning experience, and to be of use to the sponsor.</p> <p>Concepts and techniques:</p> <ul style="list-style-type: none"> <li>▪ To provide a testing ground for concepts presented in the taught programme.</li> <li>▪ To serve as a basis for developing new concepts not covered in the literature.</li> </ul> <p>Management practitioner environment:</p> <ul style="list-style-type: none"> <li>▪ Individual students or groups are involved in the development of a practical solution to a business problem provided by the sponsor; or based on a realistic case study.</li> <li>▪ To provide the opportunity to identify and explore aspects of the practice of logistics, operations management, quality management and/or supply chain management in specific organisational contexts.</li> <li>▪ To relate the above to the knowledge and perspectives acquired during the course programme.</li> </ul> <p>Personal learning experience:</p> <ul style="list-style-type: none"> <li>▪ To develop and test the students' ability to produce a coherent and extended account on a topic of considerable conceptual content.</li> <li>▪ To provide an elective topic of interest to the student and his/her organisation, additional to the taught course subjects.</li> </ul>

<p><b>Intended Learning Outcomes</b></p>	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> <li>Identify a research problem in real world and write research proposals.</li> <li>Conduct literature review on issues related to the problem areas.</li> <li>Apply appropriate research methodology in data collection, analysis and interpretation research findings.</li> <li>Deduce the solutions to the identified problems scientifically and understand the limitations.</li> <li>Communicate the research results effectively.</li> </ol>																																																																			
<p><b>Subject Synopsis/ Indicative Syllabus</b></p>	<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 Scientific Reports: Research report components and structure; Presentation of statistics; Plagiarism.</p>																																																																			
<p><b>Teaching/Learning Methodology</b></p>	<p>Guided study programme on research methodology equivalent to 1 credit value.</p> <p>Student-centred activities in the form of investigational/research work, literature review, data collection, data analysis and interpretation according to the requirements specified in the Guidelines for Project (LGT5202). The effort of these activities should be equivalent to 5 credit values.</p>																																																																			
<p><b>Assessment Methods in Alignment with Intended Learning Outcomes</b></p>	<table border="1"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="5">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> <th rowspan="2"></th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> </tr> </thead> <tbody> <tr> <td>Proposal</td> <td>5%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Reflective essay assessed by supervisor</td> <td>15%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Project assessed by supervisor</td> <td>30%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Project assessed by moderator</td> <td>30%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Viva Voce</td> <td>20%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="5"></td> <td></td> </tr> </tbody> </table>							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c	d	e	Proposal	5%	✓	✓	✓	✓	✓		Reflective essay assessed by supervisor	15%	✓	✓	✓	✓	✓		Project assessed by supervisor	30%	✓	✓	✓	✓	✓		Project assessed by moderator	30%	✓	✓	✓	✓	✓		Viva Voce	20%	✓	✓	✓	✓	✓		Total	100 %						
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	<p><b><i>[This new % weighting will be effective for students newly registered on this subject starting from Semester 1 of 2020/21.]</i></b></p> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>In order to have objective and comprehensive assessment on the student's research work in the form of project work, the Final Project Report will be assessed by the supervisor and by a moderator who is appointed by the Project Co-ordinator. The reflective report will be assessed by the supervisor, in which the student is expected to explain the research methodologies learnt through the lectures and seminars on research methodologies. The assessment criteria are set out in the Guidelines for Project (LGT5202).</p> <p>Finally, all these marks are combined and the final grade for the Subject LGT5202 Project is to be determined by the Project Co-ordinator according to the assessment weighting set out in the Guidelines for Project (LGT5202).</p>	
<p><b>Student Study Effort Expected</b></p>	<p>Class contact:</p>	
	<ul style="list-style-type: none"> <li>▪ Meeting and Discussion with Supervisor</li> </ul>	<p>14 Hrs.</p>
	<ul style="list-style-type: none"> <li>▪ Lectures and Seminars on Research Methodologies</li> </ul>	<p>6 Hrs.</p>
	<p>Other student study effort:</p>	
	<ul style="list-style-type: none"> <li>▪ Research work</li> </ul>	<p>250 Hrs.</p>
	<ul style="list-style-type: none"> <li>▪</li> </ul>	<p>Hrs.</p>
	<p>Total student study effort</p>	<p>270Hrs.</p>
<p><b>Reading List and References</b></p>	<p>Bryman, Alan. Business research methods, Oxford University Press, 2011, 3<sup>rd</sup> Edition.</p> <p>Cooper, D. And Schindler, P., <i>Business Research Methods</i>, latest ed., McGraw-Hill, New York.</p> <p>Grigoroudis, Evangelos. Customer satisfaction evaluation methods for measuring and implementing service quality, SpringerLink e-books, Springer, 2010.</p> <p>Jankowicz, A.D.: Business Research Projects, latest ed., Business Press Thomson Learning, London.</p> <p>Remenyi, D., Field methods for academic research: interviews, focus groups and questionnaires in business and management studies, Academic Publishing International, 2011.</p> <p>Stokes, Peter, Key concepts in business and management research methods, Palgrave Macmillan , 2011.</p>	