

# The Hong Kong Polytechnic University

## Subject Description Form

<b>Subject Code</b>	LGT5037
<b>Subject Title</b>	Project Management
<b>Credit Value</b>	3
<b>Level</b>	5
<b>Normal Duration</b>	1-semester
<b>Pre-requisite / Co-requisite/ Exclusion</b>	Nil
<b>Role and Purposes</b>	<p>To provide the students a comprehensive overview and the fundamental concepts of project management, and an understanding on how project management can be used as a strategic tool to deliver business performance for organizations.</p> <p>To provide the students key components of project management, and practical methodologies in managing projects of different natures.</p>
<b>Subject Learning Outcomes</b>	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> <li>a. Obtain the fundamental principles, concepts and techniques in project management.</li> <li>b. Understand modern project management trend and methods.</li> <li>c. Apply project management methodologies and techniques in enhancing business performance for organizations.</li> <li>d. Recognize issues in a realistic project scenario.</li> <li>e. Identify and use key performance metrics for measuring project success.</li> </ol>
<b>Subject Synopsis/ Indicative Syllabus</b>	<ul style="list-style-type: none"> <li>▪ Definition and characteristics of a project, project success criteria, project life cycle, project management trade-off, and corporate social responsibility in project management</li> <li>▪ Project selection, and project portfolio evaluation</li> <li>▪ Project defining, project budgeting, and Work Breakdown Structure (WBS)</li> <li>▪ Project planning, project network, critical path method (CPM), and Gantt charts</li> <li>▪ Resource management</li> <li>▪ Risk management, PERT, and critical chain project management (CCPM)</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Cost and time management</li> <li>▪ Project monitoring and control</li> <li>▪ Project closure</li> <li>▪ Managing project team, stakeholder analysis, effective project communication, and ethical issues in project management</li> <li>▪ Project management software tools</li> </ul>																																								
<b>Teaching/Learning Methodology</b>	<p>Lectures are designed to provide a basic grounding in principles, concepts and techniques in project management.</p> <p>Tutorials provide the environment and means for student-centered learning, in the form of class discussions, case analyses, problem exercises, simulation games, group project, and experience sharing.</p>																																								
<b>Assessment Methods in Alignment with Intended Learning Outcomes</b>	<table border="1" data-bbox="534 750 1481 1261"> <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> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> </tr> </thead> <tbody> <tr> <td>1.Continuous assessment</td> <td>50%</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> </tr> <tr> <td>2. Final examination</td> <td>50%</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>100 %</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Continuous assessment consists of course project and homework assignment, which can assess the students' understanding in theories, techniques and principles, evaluate their ability to apply project management methodologies/techniques and their ability to recognize and solve problems in real business environment.</p> <p>Final examination will assess the students' understanding in theories and principles, evaluate their ability to apply methods and techniques independently.</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	1.Continuous assessment	50%	√	√	√	√	√	2. Final examination	50%	√	√	√	√	√								<b>Total</b>	<b>100 %</b>					
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	<ul style="list-style-type: none"> <li>▪ Readings</li> </ul>	45Hrs.
	<ul style="list-style-type: none"> <li>▪ Assignments</li> </ul>	42Hrs.
	Total student study effort	126 Hrs.
<b>Reading List and References</b>	<p>Larson, E.W. and Gray, C.F. (2017), Project Management: the Managerial Process. 7<sup>th</sup> Edition. McGraw-Hill.</p> <p>Brown, K.A. and Hyer, N.L. (2010), Managing Projects: A Team-Based Approach. McGraw-Hill.</p> <p>PMI. (2017), A Guide to the Project Management Body of Knowledge (PMBOK Guide). 6<sup>th</sup> Edition. Newton Square, PA, USA.</p> <p>Snyder, C. (2016), Microsoft Project 2016 for Dummies. Wiley.</p> <p>Klastorin, T. (2011), Project Management, Tools and Trade-offs. 1<sup>st</sup> Edition. Pearson Learning Solutions.</p> <p>Goldratt, E.M. (2002), Critical Chain. 1<sup>st</sup> Edition. The North River Press, Great Barrington, MA, USA.</p> <p>Meredith, J.R. and Mantel, S. (2011), Project Management: a Managerial Approach. 8th Edition. John Wiley &amp; Sons, Inc.</p> <p>Thomke, S. (2007), Managing Product and Service Development: Text and Cases. McGraw-Hill.</p> <p>Lister, A. (2005), Project Planning and Control. Elsevier Ltd.</p>	