

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5037
Subject Title	Project Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	<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>
Subject Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Obtain the fundamental principles, concepts and techniques in project management. b. Understand modern project management trend and methods. c. Apply project management methodologies and techniques in enhancing business performance for organizations. d. Manage projects of different natures with sound judgment and skills.
Subject Synopsis/ Indicative Syllabus	<p>Modern project management and trends; project teams and organizational relationship; effective project communication; stakeholder analysis; project selection; project portfolio evaluation; definition and characteristics of a project; project success criteria; project management trade off; project charter; project life cycle; project plan; project scheduling; project budgeting; monitoring and progress control; risk management; project network; Work Breakdown Structure (WBS); PERT and Gantt charts; critical path analysis techniques (CPM); theory of constraint and critical chain method; resource management; cost management; contract management; project management software tools; change management; performance measurement; project closeout and project audit; management information and reporting; multiple project management.</p>

Teaching/Learning Methodology	<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 and experience sharing.</p>																																																				
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1"> <thead> <tr> <th data-bbox="517 465 826 595" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="826 465 979 595" rowspan="2">% weighting</th> <th colspan="6" data-bbox="979 465 1465 595">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="979 595 1059 667">a</th> <th data-bbox="1059 595 1139 667">b</th> <th data-bbox="1139 595 1219 667">c</th> <th data-bbox="1219 595 1299 667">d</th> <th data-bbox="1299 595 1378 667"></th> <th data-bbox="1378 595 1465 667"></th> </tr> </thead> <tbody> <tr> <td data-bbox="517 667 826 770">1.Continuous assessment</td> <td data-bbox="826 667 979 770">50%</td> <td data-bbox="979 667 1059 770">√</td> <td data-bbox="1059 667 1139 770">√</td> <td data-bbox="1139 667 1219 770">√</td> <td data-bbox="1219 667 1299 770">√</td> <td data-bbox="1299 667 1378 770"></td> <td data-bbox="1378 667 1465 770"></td> </tr> <tr> <td data-bbox="517 770 826 842">2. Final examination</td> <td data-bbox="826 770 979 842">50%</td> <td data-bbox="979 770 1059 842">√</td> <td data-bbox="1059 770 1139 842">√</td> <td data-bbox="1139 770 1219 842">√</td> <td data-bbox="1219 770 1299 842">√</td> <td data-bbox="1299 770 1378 842"></td> <td data-bbox="1378 770 1465 842"></td> </tr> <tr> <td data-bbox="517 842 826 913"></td> <td data-bbox="826 842 979 913"></td> <td data-bbox="979 842 1059 913"></td> <td data-bbox="1059 842 1139 913"></td> <td data-bbox="1139 842 1219 913"></td> <td data-bbox="1219 842 1299 913"></td> <td data-bbox="1299 842 1378 913"></td> <td data-bbox="1378 842 1465 913"></td> </tr> <tr> <td data-bbox="517 913 826 981">Total</td> <td data-bbox="826 913 979 981">100 %</td> <td colspan="6" data-bbox="979 913 1465 981"></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 case study, course project and homework assignment, which can assess the students' understanding in theories, techniques and principles, evaluate their ability to 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			1.Continuous assessment	50%	√	√	√	√			2. Final examination	50%	√	√	√	√											Total	100 %						
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Student Study Effort Expected	Class contact:																																																				
	▪ Lectures / Tutorials						39 Hrs.																																														
	Other student study effort:																																																				
	▪ Readings						45Hrs.																																														
	▪ Assignments						42Hrs.																																														
	Total student study effort						126 Hrs.																																														

**Reading List and
References**

Brown, K.A. and Hyer, N.L. (2010), *Managing Projects: A Team-Based Approach*. McGraw-Hill.

Gray, C.F. and Larson, E.W. (2009), *Project Management: the Managerial Process*. 5th Edition. McGraw-Hill.

Klastorin, T. (2004), *Project Management, Tools and Trade-offs*. John Wiley & Sons, Inc.

Goldratt, E.M. (1997), *Critical Chain*. The North River Press, Great Barrington, MA, USA.

Stevenson, N. (2004), *Microsoft Project 2003 for Dummies*. Wiley.

Meredith, J.R. and Mantel, S. (2006), *Project Management: a Managerial Approach*. John Wiley & Sons, Inc.

Thomke, S. (2007), *Managing Product and Service Development: Text and Cases*. McGraw-Hill.

Lister, A. (2005), *Project Planning and Control*. Elsevier Ltd.

PMI. (2004), *A Guide to the Project Management Body of Knowledge (PMBOK Guide)*. Newton Square, PA, USA.