The Hong Kong Polytechnic University

<u>Subject Description Form</u>

Subject Code	LGT5037
Subject Title	Project Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	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. To provide the students key components of project management, and practical methodologies in managing projects of different natures. MSc in Global Business and Decision Analysis #3 Demonstrate understanding on the concepts of common decision-making models
Intended Learning Outcomes	Upon completion of the subject, students will be able to: 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. Recognize issues in a realistic project scenario. e. Identify and use key performance metrics for measuring project success.
Subject Synopsis/ Indicative Syllabus	▪ Definition and characteristics of a project, project success criteria, project life cycle, project management trade-off, and corporate social responsibility in project management ▪ Project selection, and project portfolio evaluation ▪ Project defining, project budgeting, and Work Breakdown Structure (WBS)

	- Project planning, project network, critical path method (CPM), and Gantt charts - Resource management - Risk management, PERT, and critical chain project management (CCPM) - Cost and time management - Project monitoring and control - Project closure - Managing project team, stakeholder analysis, effective project communication, and ethical issues in project management - Project management software tools
Teaching/Learning Methodology	Lectures are designed to provide a basic grounding in principles, concepts and techniques in project management. 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.
Assessment Methods in Alignment with Intended Learning Outcomes	(see table and text below)

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	
1.Continous assessment	50%	√	√	√	√	√	
2. Final examination	50%	√	√	√	√	√	
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

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.

Final examination will assess the students' understanding in theories and principles, evaluate their ability to apply methods and techniques independently.

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	Larson, E.W. and Gray, C.F. (2017), Project Management: the Managerial Process. 7th Edition. McGraw-Hill. Brown, K.A. and Hyer, N.L. (2010), Managing Projects: A Team-Based Approach. McGraw-Hill. PMI. (2017), A Guide to the Project Management Body of Knowledge (PMBOK Guide). 6th Edition. Newton Square, PA, USA. Snyder, C. (2016), Microsoft Project 2016 for Dummies. Wiley. Klastorin, T. (2011), Project Management, Tools and Trade-offs. 1st Edition. Pearson Learning Solutions. Goldratt, E.M. (2002), Critical Chain. 1st Edition. The North River Press, Great Barrington, MA, USA. Meredith, J.R. and Mantel, S. (2011), Project Management: a Managerial Approach. 8th Edition. 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.	