

**City University of Hong Kong
Course Syllabus**

**offered by Department of Systems Engineering
with effect from Semester A 2024 / 25**

Part I Course Overview

Course Title:	<u>Project Management</u>
Course Code:	<u>SYE6009</u>
Course Duration:	<u>One Semester</u>
Credit Units:	<u>3</u>
Level:	<u>P6</u>
Medium of Instruction:	<u>English</u>
Medium of Assessment:	<u>English</u>
Prerequisites: <i>(Course Code and Title)</i>	<u>Nil</u>
Precursors: <i>(Course Code and Title)</i>	<u>Nil</u>
Equivalent Courses: <i>(Course Code and Title)</i>	<u>SEEM6009 Project Management (offered until 2021/22) ADSE6009 Project Management (offered until 2023/24)</u>
Exclusive Courses: <i>(Course Code and Title)</i>	<u>Nil</u>

Part II Course Details

1. Abstract

(A 150-word description about the course)

This course aims to develop the students' ability to integrate and apply their knowledge acquired from this and other courses in the formulation and implementation of projects and evaluate, plan and manage engineering and industrial projects.

2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	explain the role of project management within the overall organizational and strategic framework of the company;	20%			
2.	identify project opportunities, evaluate project feasibility and develop projects proposals;	20%			
3.	undertake a leading role in project implementation and management;	20%		✓	
4.	plan, schedule, monitor and control project activities using Gantt Charts, WBS, Responsibility Matrix, PERT/CPM etc; and	30%		✓	
5.	implement organizational and process change that will help to improve project management effectiveness.	10%	✓		
* If weighting is assigned to CILOs, they should add up to 100%.		100%			

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

3. Teaching and Learning Activities (TLAs)
(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.					Hours/week (if applicable)
		1	2	3	4	5	
Lecture	Lecture topics as listed in keyword syllabus	✓	✓	✓	✓	✓	26 hrs/ sem
Group Work	Case studies and assigned project management review questions	✓	✓	✓	✓	✓	13 hrs/ sem
Self Work, including case preparation, PM learning logbook	Students document their pre-class preparation and post-class reflection in their learning logbooks.	✓	✓	✓	✓	✓	60 hrs/ sem
Term Paper or group project	Students can opt for individual term paper or group project on topics related to project management.	✓	✓	✓	✓	✓	

4. Assessment Tasks/Activities (ATs)
(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.					Weighting*	Remarks
	1	2	3	4	5		
Continuous Assessment: 50 %							
Group Work - Case presentation and review assignments	✓	✓	✓	✓	✓	20%	
Term Paper or group project	✓	✓	✓	✓	✓	30%	
Examination: 50 % (duration: 3 hours, if applicable)							
* The weightings should add up to 100%.						100%	

To reflect the CILO's listed above, different individual and group based coursework that requires the students to understand and apply the project management concepts and techniques learned in class will be assigned. In particular, the major assignment or Term Paper prescribed will seek to assess students' CILO no. C1, C3 and C4. The assessment will have equal weighting for coursework and examination to emphasize the importance of continuous learning.

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Applicable to students admitted in Semester A 2022/23 and thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
1. Group Work - Case presentation and review assignments	Continuous efforts; clear documentation of preparatory work and post lesson learning.	High	Significant	Moderate/Basic	Not even reaching marginal levels
2. Term Paper or group project	Term paper- Relevance, in depth analysis and discussion; evidence of literature support. Group project- clear project definition, methodology and implementation; well documented and presented.	High	Significant	Moderate/Basic	Not even reaching marginal levels
3. Examination	Closed book; testing students' understanding and application of project management theories and techniques.	High	Significant	Moderate/Basic	Not even reaching marginal levels

For a student to pass the course, at least 30% of the maximum mark for the examination should be obtained.

Applicable to students admitted before Semester A 2022/23

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. Group Work - Case presentation and review assignments	Continuous efforts; clear documentation of preparatory work and post lesson learning.	High	Significant	Moderate	Basic	Not even reaching marginal levels
2. Term Paper or group project	Term paper- Relevance, in depth analysis and discussion; evidence of literature support. Group project- clear project	High	Significant	Moderate	Basic	Not even reaching marginal levels

	definition, methodology and implementation; well documented and presented.					
3. Examination	Closed book; testing students' understanding and application of project management theories and techniques.	High	Significant	Moderate	Basic	Not even reaching marginal levels

For a student to pass the course, at least 30% of the maximum mark for the examination should be obtained.

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus

(An indication of the key topics of the course.)

- Project environment and project organizational structures.
- Project evaluation, selection and initiation.
- Management of R&D and high tech projects.
- Project team and project manager.
- Project planning and scheduling.
- Project monitor and control.
- Project costing and budgeting.
- Negotiation and management of conflicts in project environment.
- Project Management System.

2. Reading List

2.1 Compulsory Readings

(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

1.	Complete set of course notes and assignment handouts
2.	Meredith J.R., Mantel S.J. Jr., Project Management:- A Managerial Approach, John Wiley & Sons, 7th Ed., 2010.

2.2 Additional Readings

(Additional references for students to learn to expand their knowledge about the subject.)

1.	Selected Case Studies from Chuah K.B.'s Casebook of Contemporary Project Management Practices in Hong Kong Industries - Draft
2.	Kerzner H., Project Management:- A Systems Approach to Planning, Scheduling, and Controlling, 8th Edition, John Wiley, 2003.
3.	IEEE Trans Engineering Management
4.	International Journal of Project Management
5.	Project Management Journal
6.	Project Management Quarterly