

City University of Hong Kong
Course Syllabus

offered by Department of Information Systems
with effect from Semester A 2018 / 2019

Part I Course Overview

Course Title: Global Project Management

Course Code: IS4532

Course Duration: One Semester (13 weeks)

Credit Units: 3

Level: B4

Proposed Area: Arts and Humanities
(for GE courses only) Study of Societies, Social and Business Organisations
 Science and Technology

Medium of Instruction: English

Medium of Assessment: English

Prerequisites: Nil
(Course Code and Title)

Precursors: Nil
(Course Code and Title)

Equivalent Courses: IS4500 Information Systems Project Management
(Course Code and Title)

Exclusive Courses: IS4530 Project Management & Requirements Analysis;
(Course Code and Title) MS3125 Business Project Management; and
MS4109 Project Management

Part II Course Details

1. Abstract

More and more companies conduct business over the Internet. This requires professionals to manage projects across different regions and countries. Through acquiring the good practices in global project management, project managers are more likely to deliver projects on time and within budget. This course follows the Project Management Body of Knowledge (PMBOK®) from Project Management Institute (PMI) and covers all the knowledge areas expected from a project manager who needs to manage a global project.

This course aims to introduce the basic concepts, knowledge, tools and techniques of project management. It focuses on global projects with modern information systems. Upon completion of the course, students are expected to be able to plan and manage projects in a globalized business environment.

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.	Describe the structure of project management and the project life cycle. Discuss organizational and environmental factors affecting the planning and execution of global IS projects.	25%	✓		
2.	Explain the terms, skills, tools and techniques of project management, drawing examples from local and global IS projects.	40%	✓		
4.	Discover how to apply project management and outsourcing concepts by working on an information systems group project.	25%		✓	
5.	Apply project management software to help plan and manage an information systems project.	10%	✓		
		100%			

* If weighting is assigned to CILOs, they should add up to 100%.

[#] Please specify the alignment of CILOs to the Gateway Education Programme Intended Learning outcomes (PILOs) in Section A of Annex.

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	
TLA1: Lecture	Concepts on project management and outsourcing, especially the management of IT/IS projects, and the skills and techniques required for a project manager are explained by the instructor.	✓	✓	✓	✓		Lecture: 2 Hours/Week Workshop: 1 Hour/Week
TLA2: Demonstrations	How the project management skills and techniques and how a project management software can be used are demonstrated.		✓		✓	✓	
TLA3: Practical/ Workshop:	Hands-on skills on applying the theories, skills and techniques taught in lectures have to be practiced by students in workshops.		✓	✓	✓	✓	
TLA4: Case Studies	Real-life cases are used to help the students appreciate the importance of proper project management on IT/IS projects.	✓	✓	✓	✓		
TLA5: Discussions	This allows students to do reflections, raise questions and discuss among themselves on lecture and tutorial materials.	✓	✓	✓	✓	✓	

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%							
<u>AT1: Class and Tutorial Participation</u> This will reflect the students' participation in classes, tutorial sessions and discussions. Students are encouraged to attend those sessions and actively participate in discussions. This is an individual mark.	✓	✓	✓	✓	✓	5%	
<u>AT2: Quiz</u> There will be one to two quiz papers taken in the middle of the term to test the understanding of the students half way through the course. This is an individual mark.	✓	✓	✓			10%	
<u>AT3: Group Project</u> This is a group project to let students discover how to apply the project management skills and techniques learnt in class to solve practical problems. The project includes the following components: <ul style="list-style-type: none"> • 10%: An interim group report that describes the background of the project, the scope of the work and the work breakdown structure. • 15%: A final group report that covers the project schedule, cost estimate, risk factors, quality assurance plan and the outsourcing plan. • 10%: Project presentation. 	✓	✓	✓	✓	✓	35%	
Examination: 50% (duration: one 2-hour exam)							
<u>AT4: Examination</u> A written examination is developed to assess students' competence level of the taught subjects.	✓	✓	✓	✓		50%	
* The weightings should add up to 100%.						100%	

[#] Remark: Students must pass BOTH coursework and examination in order to get an overall pass in this course.

5. Assessment Rubrics

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

Assessment Task (AT)	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
AT1: Class and Tutorial Participation	CILO1-5 <ul style="list-style-type: none"> Ability to demonstrate actively participate in class and tutorial sessions and discussions and often ask and answer questions. 	High	Significant	Moderate	Basic	Not even reaching marginal levels
AT2: Quiz	CILO1 - 3 <ul style="list-style-type: none"> Ability to demonstrate an in-depth understanding on what project management and outsourcing are and their associated skills and techniques. 	High	Significant	Moderate	Basic	Not even reaching marginal levels
AT3: Group Project	CILO1-5 (10% based on interim report 15% based on final report) <ul style="list-style-type: none"> Ability to demonstrate good understanding of the basic concepts on project management and outsourcing Capability to demonstrate in-depth thought and research has been made in discovering how to apply the skills and techniques learnt in class to the project Ability to demonstrate the report has covered all the specified requirements Ability to demonstrate the report is well-structured, well-written and well presented. Ability to demonstrate peer evaluation report reflects at least an average contribution ratio. 	High	Significant	Moderate	Basic	Not even reaching marginal levels
	CILO2 - 4 (5% based on group presentation) <ul style="list-style-type: none"> Ability to demonstrate the presentation is well-structured and presented in a logical sequence. Time control is good. PowerPoint slides are of high quality. Ability to demonstrate the team is able to tackle all/most of the questions raised. 	High	Significant	Moderate	Basic	Not even reaching marginal levels
	CILO1 - 4 (5% based on individual performance in presentation) <ul style="list-style-type: none"> Ability to demonstrate excellent presentation skills and language skills Ability to demonstrate appropriate use of visual aids in presentation. 	High	Significant	Moderate	Basic	Not even reaching marginal levels

AT4: Examination	CILO1 • Evidence of good understanding of the project management framework and the project life cycle.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	CILO2 • Ability to demonstrate accurately explain all/most key concepts; and demonstrate a thorough understanding of all/most of the terms, skills and techniques.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	CILO3 • Ability to demonstrate an understanding of what IT outsourcing is and how it should be done.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	CILO4 • Ability to demonstrate the ability to apply all/most of the skills and techniques learnt to the management of IT/IS projects.	High	Significant	Moderate	Basic	Not even reaching marginal levels

Part III Other Information

1. Keyword Syllabus

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

Project management and the organizational context; Software development life cycle; Traditional and Agile project management; Project Charter; Project scope, time, cost, quality, global human resources, communication, stakeholders and risks management; Global project management; IT project outsourcing; Considerations for overseas outsourcing; Project selection methods; Work breakdown structures; Network diagrams; Critical path analysis; Earned value management; Expected monetary value; Software for project management; Case studies on global projects.

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.	Kathy Schwalbe, <u>Information Technology Project Management</u> , 8th edition, 2015. ISBN: 1285452348.
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2.2 Additional Readings

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

1.	David Olson, <u>Information Systems Project Management</u> , Dec 2014. ISBN: 1631571222 .
2.	Jack T. Marchewka, <u>Information Technology Project Management: Providing Measurable Organizational Value</u> , Feb 2016. ISBN: 1118911016.
3.	Project Management Institute, <u>A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Fifth Edition</u> , 2013. ISBN: 1935589679.
4.	Eric Verzuh, <u>The Fast Forward MBA in Project Management</u> , 5 th edition, 2016. ISBN: 978-1-119-14822-7.

2.3 Online Resources

www.pmi.org

www.projectmanagementdocs.com

www.projectmanagement.com

www.brighthubpm.com/

www.infogoal.com/pmc/pmchome.htm

pmworldlibrary.net/

www.softwareprojects.org/