

**City University of Hong Kong  
Course Syllabus**

**offered by Department of Systems Engineering and Engineering Management  
with effect from Semester A 2018/19**

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**Part I Course Overview**

**Course Title:** Project (e-Logistics and Technology Management)

**Course Code:** JC4001

Normal Track: 2 Semesters

Fast Track: 1 Semester

**Course Duration:** Fast track is normally available to students who repeat the course and opt to continue with the same project and supervisor subject to the agreement of the Project Supervisor and the approval of the Programme Leader.

**Credit Units:** 6

**Level:** B4

Arts and Humanities

Study of Societies, Social and Business Organisations

**Proposed Area:**  
(for GE courses only)

Science and Technology

**Medium of Instruction:** English

**Medium of Assessment:** English

**Prerequisites:** Students must have completed not less than 30 CUs of the student's major courses  
(Course Code and Title)

**Precursors:** Nil  
(Course Code and Title)

**Equivalent Courses:** JC4001C Project (e-Logistics and Technology Management)  
(Course Code and Title)

**Exclusive Courses:** Nil  
(Course Code and Title)

## Part II Course Details

### 1. Abstract

(A 150-word description about the course)

- To enable students to develop their skill and ability in an area relevant to the Programme to exercise appropriate methods to plan, develop and implement the outcome.
- To allow students to demonstrate their ability to integrate logistics and/or computing concepts, theories and related knowledge acquired in their study, including the application of good technical and presentation skills.

### 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 <sup>#</sup>	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	<b>Define</b> the nature, aim, scope and importance of a selected problem or project clearly in explicit terms.	20%	√		
2.	<b>Review</b> the body of knowledge from selected literatures to deepen the understanding of the theory or practice relevant to the chosen problem or project.	20%		√	
3.	<b>Discover, Apply and Integrate</b> such theory, knowledge or innovative ideas to formulate, design and implement the methodology for the chosen problem or project.	40%		√	
4.	<b>Communicate</b> effectively the project process, experiences and results in a professional manner, using written, oral and visual media.	20%			√
		100%			

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

<sup>#</sup> 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	
T1	Each student shall define, under the supervision of a project supervisor, the nature, aim, scope and importance of a selected problem or project related to the subject areas pertaining to the programme major. Discussion with supervisor on project progress and submission of an interim report as a project progress milestone.	√				
T2	Each student shall research, review and explore with the view to discovering the available body of knowledge and background information and to develop appropriate project methodology and/or design.		√			
T3.1	Implement the methodology and/or design to the chosen problem or project to achieve the desired objectives and analysis to demonstrate the results, including a prototype implementation.			√		
T3.2	Analyze and evaluate the results obtained, draw conclusion and appraise the work done.					
T4.1	Document the project process, experiences and results in the form of Final Year Project Report according to the given format.				√	
T4.2	Make oral presentation and defense of the project endeavor and outcome.					

The course is designed to guide students in proposing and managing their own projects.

Each student is assigned an academic Supervisor on a one-to-one basis to advise and guide the student on the project work.

Students participating in the Co-operative Education Scheme (CES - FS4001) will undertake a company-based project which will be co-supervised by a Company Mentor.

The role of the Supervisor (and Company Mentor) is to closely monitor the project progress with regular meetings in order to give advice to the students, to establish criteria for assessment, and to discuss on the related problems and their feasible solutions.

#### 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		
Continuous Assessment: <u>100%</u>						
<u>Project Management</u> Students have to plan, prepare a working schedule and implement the project tasks in an orderly manner.	√				10%	
<u>Interim Report</u> Students are required to prepare and submit a progress report half way through the project to review if the project tasks are on schedule.		√		√	10%	
<u>Technical Merit</u> Students have to carry out the project tasks at the appropriate technical level in order to achieve the aim and objectives.		√	√		50%	
<u>Written Documentation &amp; Oral Presentation</u> Towards the end of the project, students have to submit a Final Report and deliver an Oral Presentation to demonstrate what they have accomplished in the course.				√	30%	
Examination: <u>0%</u>						
					100%	

\*The weightings should add up to 100%.

#### Assessment Process:

The Assessment Process consists of two stages.

##### Stage I

The Project Supervisor will be solely responsible for assessing the Project Management & Interim Report components of the project (20%), while the assessment of the Technical Merit, Written Documentation and Oral Presentation components of the final project report and presentation will be jointly assessed by the Supervisor and another Assessor from the partnering department (i.e. SEEM or CS which is not affiliated by the Supervisor). In other words, a project with an SEEM Supervisor will be assigned an assessor from CS Department, and vice versa. The assessment weightings of the Supervisor and the Assessor are equal (i.e. 40% each from the supervisor and the assessor respectively).

The template given in Appendix I would be used to guide Project Assessment. In addition to numerical grading, the marks awarded are required to be summarily justified by the Supervisor and Assessor by checking the appropriate box against each TLA.

##### Stage II

In order to maintain uniformity of project assessment standard, the overall assessment result for each project will be subject to review by the Project Moderation Committee chaired by the Course Examiner and composed of the Programme Leader and the Project Coordinators from SEEM and CS. The Project Moderation Committee will pay special attention to those Projects that have been awarded 80% and above or 45% and below, as well as those having more than 15% difference between the marks awarded by Supervisor and the Assessor.

## 5. Assessment Rubrics

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

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
Project	1. Project Management	High	Significant	Moderate	Basic	Not even reaching marginal levels
	2. Interim Report	High	Significant	Moderate	Basic	Not even reaching marginal levels
	3. Technical Merit	High	Significant	Moderate	Basic	Not even reaching marginal levels
	4. Written Documentation & Oral Presentation	High	Significant	Moderate	Basic	Not even reaching marginal levels

**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.)*

Nil

**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.)*

Nil

**2.2. Additional Readings**

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

Nil