

Form 2B

City University of Hong Kong

Information on a Course

offered by Department of Architecture and Civil Engineering
with effect from Semester A in 2014/2015

Part I

Course Title:	Production Management
Course Code:	CA5101
Course Duration:	1 Semester (Some courses offered in Summer Term may start a few weeks earlier than the normal University schedule. Please check the teaching schedules with CLs before registering for the courses.)
Credit Units:	3
Level:	P5
Medium of Instruction:	English
Prerequisites:	Nil
Precursor:	Nil
Equivalent Courses:	BC5101 Production Management
Exclusive Courses:	Nil

Part II

Course Aims:

The aims of this course are to explore various methods and techniques for managing construction works to a successful completion and to increase work effectiveness. On completion of this programme, students shall be able to demonstrate that: a) they have acquired knowledge on the theoretical framework, b) they can apply quantitative and statistical analysis, and c) they have the ability of putting the theories they learnt into practice on managing construction works at site level. Students shall be able to analyse and explain the relationships between the project control functions and business management functions of a construction firm, which link up the business and project control management into one comprehensive premise.

Course Intended Learning Outcomes (CILOs):

Upon successful completion of this course, students should be able to:

No.	CILOs	Weighting (if applicable)
1.	identify and apply construction management principles, strategies and techniques contributing to project success;	---
2.	make use of the quantitative and statistical analysis tools in performing construction planning and control process;	---
3.	identify and prepare/use the types of schedules used to support construction management;	---
4.	appraise the procedure manuals adopted in the various functional areas of a local general building contractor and make critical comment on the same based on the theories learnt in CILO no. 1	---

Teaching and Learning Activities (TLAs):

(Indicative of likely activities and tasks designed to facilitate students' achievement of the CILOs. Final details will be provided to students in their first week of attendance in this course)

Semester Hours: 3 hours per week

Lecture/Tutorial/Laboratory Mix: Lecture (2); Tutorial (1); Laboratory (0)

CILO No.	TLAs	Total Hours (if applicable)
CILO 1	<ul style="list-style-type: none"> Lecture, tutorial and discussion: identify and apply construction management principles, strategies and techniques contributing to project success; 	18
CILO 2	<ul style="list-style-type: none"> Lecture, tutorial and workshop: make use of the quantitative and statistical analysis tools in performing construction planning and control process; 	9
CILO 3	<ul style="list-style-type: none"> Lecture, tutorial and discussion: identify and prepare/use the types of schedules used to support construction management; 	3
CILO 4	<ul style="list-style-type: none"> Discussion and presentation: appraise the procedure manuals adopted in the various functional areas of a local general building contractor and make critical comment on the same based on the theories learnt in CILO no. 1 	9

Assessment Tasks/Activities:

(Indicative of likely activities and tasks designed to assess how well the students achieve the CILOs. Final details will be provided to students in their first week of attendance in this course)

Coursework: 50%

Examination: 50% (Examination duration = 2 hours)

* coursework including, but not limited to, assignment and mid-term test/quiz

To pass a course, a student must obtain minimum marks of 30% in both coursework and examination components, and an overall mark of at least 40%.

CILO No.	Type of assessment tasks/activities	Weighting (if applicable)	Remarks
CILO 1	<ul style="list-style-type: none"> Examination and individual assignment (in the form of a reflective essay) 	---	<ul style="list-style-type: none"> This module adopts Discovery-enriched Curriculum and thus assessment tasks/activities shall be geared towards the same.
CILO 2	<ul style="list-style-type: none"> Examination and mid-term test/quiz 	---	<ul style="list-style-type: none"> Ditto
CILO 3	<ul style="list-style-type: none"> Examination and mid-term test/quiz 	---	<ul style="list-style-type: none"> Ditto

CILO 4	<ul style="list-style-type: none">• Case study (group project, inclusive of presentation	---	<ul style="list-style-type: none">• Ditto
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Grading of Student Achievement:

Grading Pattern:

Standard

Refer to Grading of Courses in the Academic Regulations for Taught Postgraduate Degrees.

Part III

Keyword Syllabus:

Introduction to management theories and different school of thoughts; organization structure; concepts of control; operation control strategies and statistical analysis; management issues in operation; controlling and monitoring measures in construction production process.

Recommended Reading:

- **Texts:**
 1. Bennett, J. 1985, Construction Project Management, London: Butterworths [Call # TH438 .B434 1985]Harris, F.C. & McCaffer, R. 2006, Modern Construction Management, London: BSP Professional Books [Call # HD9715 .A2 H35 2006]
 2. Oxley, R. & Poskitt, J. 1996, Management Techniques applied to the Construction Industry, 4th Edition. London: BSP Professional Books [Call # TH438 .O95 1996]
 - **Online Resources:**
 1. Nil
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