

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:	Financial Management in Construction
Course Code:	CA6235
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:	P6
Medium of Instruction:	English
Prerequisites:	Nil
Precursor:	Nil
Equivalent Courses:	BC6235 Financial Management in Construction
Exclusive Courses:	Nil

Part II

Course Aims:

This course aims to train students with advanced and up-dated knowledge in financial management of the construction industry so that they will be equipped with the knowledge required by managers holding senior positions. In this module, theories and practices shall be put into one premise, and application shall form a key part of the study.

Course Intended Learning Outcomes (CILOs):

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

No.	CILOs	Weighting (if applicable)
1.	understand the procedures and requirements on the process of preparing accounting reports and financial statements of construction firms, and how these reports and statements shall be interpreted;	---
2.	master the principles and tools in performing financial analysis and control;	---
3.	perform investment appraisals and decision-making;	---
4.	understand the needs for financing and the various sources of finance, and be able to explore alternative sources of finance and evaluate the advantages and limitations on the same;	---
5.	understand the theories in cash flow management and apply cash flow models in a construction context;	---

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">Lectures, discussion and scenario type tutorials.	9
CILO 2	<ul style="list-style-type: none">Lectures & hand on exercise and scenario type tutorials.	6
CILO 3	<ul style="list-style-type: none">Lecture & TutorialLectures & hand on exercise and scenario type tutorials.	7
CILO 4	<ul style="list-style-type: none">Lectures & scenario type tutorials	7
CILO 5	<ul style="list-style-type: none">Lecture, tutorial & hand on exercises	10

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)

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">Assignment: Essay writing/QuizExamination: question(s) in these areas	---	<ul style="list-style-type: none">Nil
CILO 2	<ul style="list-style-type: none">Assignment: Essay writing/QuizExamination: question(s) in these areas	---	<ul style="list-style-type: none">Nil
CILO 3	<ul style="list-style-type: none">Assignment: Essay writing/QuizExamination: question(s) in these areas	---	<ul style="list-style-type: none">Nil
CILO 4	<ul style="list-style-type: none">Assignment: Essay writing/QuizExamination: question(s) in these areas	---	<ul style="list-style-type: none">Nil
CILO 5	<ul style="list-style-type: none">Assignment: QuizExamination: question(s) in these areas	---	<ul style="list-style-type: none">Nil

Grading of Student Achievement:

Grading Pattern:

Standard

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

Part III

Keyword Syllabus:

Accounting principles and reports; financial statements; financial analysis and control; investment and required returns; construction financing; cash flow management.

Recommended Reading:

- **Texts:**

1. Allen, D., E., (1983) 'Finance-A Theoretical Introduction' St. Martin's Press, New York. (HG173.A43)
2. Chandra, P., (2004) 'Financial Management-Theory and Practice' 6th Edition, Tata McGraw-Hill, New Delhi. (HG173.C53)
3. Jackson, J., (2002) 'Financial management for contractors' FMI Corporation, USA.
4. Lam, K., C., et al., (2001) 'Using an adaptive genetic algorithm to improve construction finance decisions' Engineering, Construction and Architectural Management 8/1, pp.31-45, Blackwell Science Ltd.
5. Lam, K., C., et al., (2001) 'Multi-project cash flow optimization: non-inferior solution through neuro-multiobjective algorithm' Engineering, Construction and Architectural Management 8/2, pp. 130-144, Blackwell Science Ltd.
6. Lam, K., C., et al., (1998) 'Modelling loan acquisition decisions' Engineering, Construction and Architectural Management 5/4, pp. 359-375, Blackwell Science Ltd.
7. Lam, K., C., et al., (2000) 'Capital Budgeting Evaluation Practices of Building Contractors in Hong Kong' The Australian Journal of Construction Economics and Building. Vol. 2, No. 1, pp. 81-93.
8. Lam, k., C., and Runeson, G., (1999) 'Modelling financial decisions in construction firms' Construction Management and Economics. Vol. 17, pp. 589-602.
9. Lam, K., C., et al., (2001) 'Capital budget planning practices of building contractors in Hong Kong, Construction Management and Economics. Vol. 19, pp. 569-576.
10. Riggs, H., E., (2004) 'Financial and Cost Analysis for Engineering and Technology Management' 2nd Edition, John Wiley Hoboken. (HF5635.R564)
11. Schexnayder, C., J. and Mayo, R.E. (2004) 'Construction management fundamentals' McGraw-Hill, New York. (HD9715.A2 S363)
12. Tang, S., L., (2003) 'Economic Feasibility of Projects: managerial and engineering practice' 3rd Edition, Chinese University Press. (T56.8.T362)
13. Upson, A., (1987) 'Financial Management for contractors' BSP Professional Books, Oxford. (HD9715.G72 U67)

- **Online Resources:**

1. Nil
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