

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:	Built/Natural Environmental Harmony
Course Code:	CA6828
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:	BC6828 Built/Natural Environmental Harmony
Exclusive Courses:	Nil

Part II

Course Aims:

To inspire the students with the importance of the art of living in harmony with the land and the built environment and to appreciate the importance of harmony in our built environment and sustainability. To equip students with an understanding of scaling, symmetry, scale invariance, color, pattern, lighting, ventilation and etc.

Course Intended Learning Outcomes (CILOs):

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

No.	CILOs	Weighting (if applicable)
1.	analyze a modern built environment from the principles of the harmony between the natural and built environments critically;	---
2.	explore building quality homes sensitive to our environment; classic architectural design; built to last a lifetime;	---
3.	identify and devise the modifications to improve the harmony for the benefit of occupants;	---
4.	distinguish the impact of scaling law, color, pattern and etc on built environment harmony.	---

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 and tutorials	3
CILO 2	<ul style="list-style-type: none">Lectures and tutorials/ studios/ workshops	6
CILO 3	<ul style="list-style-type: none">Lectures and tutorials/ studios/ workshops	21
CILO 4	<ul style="list-style-type: none">Lectures and workshops	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: 100%

Examination: 0%

CILO No.	Type of assessment tasks/activities	Weighting (if applicable)	Remarks
CILO 1	<ul style="list-style-type: none">Coursework: a minor project (1) [individual project]	---	<ul style="list-style-type: none">Nil
CILO 2	<ul style="list-style-type: none">Coursework: project (2) [group project & presentation]	---	<ul style="list-style-type: none">Nil
CILO 3	<ul style="list-style-type: none">Coursework: a minor project (3) [individual project]	---	<ul style="list-style-type: none">Nil
CILO 4	<ul style="list-style-type: none">Coursework: project (2) [group project & presentation]	---	<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:

Explore the principles of harmonious environmental and how it relates to the ecological built environment; how harmony relates to beauty; basic concepts related to setting of cities and buildings in the past and modern environment; the effect of scaling law, symmetry, scale invariance, color and pattern; sustainability and harmonious built environment.

Recommended Reading:

- **Texts:**
 1. Fullmer, Donna Lynne. Design basics / Donna Lynne Fullmer. Publisher New York : Fairchild Books, c2012
 2. Yeang, Ken, Designing with nature : the ecological basis for architectural design / Ken Yeang. Publisher New York : McGraw-Hill, c1995.
 3. Architectural theory / edited by Harry Francis Mallgrave. Publisher Malden, MA : Blackwell Pub., 2006
 - **Online Resources:**
 1. http://en.wikipedia.org/wiki/Design_principles_and_elements.
 2. <http://daphne.palomar.edu/design/contents.html>.
 3. <http://char.txa.cornell.edu/first.htm>
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