

CA5137: URBAN DESIGN STUDIO

Effective Term

Semester B 2024/25

Part I Course Overview

Course Title

Urban Design Studio

Subject Code

CA - Civil and Architectural Engineering

Course Number

5137

Academic Unit

Architecture and Civil Engineering (CA)

College/School

College of Engineering (EG)

Course Duration

One Semester

Credit Units

6

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

CA5136 Foundation Studio for Values and Fundamentals in Design and Planning

Students must have attempted (including class attendance, coursework submission, and examination) the precursor course(s) so identified.

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This course aims to provide students with a holistic understanding of and a practical implication of urban design by focusing on local issues in urban design and planning in Hong Kong. This studio offers an innovative interdisciplinary approach to urban design. The course aims to provide students with new disciplinary tools for the analysis of current Hong Kong territorial developments and for the proposal of the most advanced urban design strategies aiming at the comprehensive improvement of the local built environment. The project dealt with both regional planning and urban design scales and the course integrate relevant knowledge of urban economics and regional planning as well as green buildings and architecture.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	identify contextual issues in a project region considering emerging topics of urban design and planning in Hong Kong		x	x	
2	combine alternative approaches from different disciplinary fields into an integrated urban design approach: formulate design concepts and scenarios by proposing new strategies of urban design and planning in Hong Kong		x	x	x
3	design an urban design project focusing on new development of urban places in Hong Kong		x	x	x
4	prepare professional presentation and documentation of an urban design proposal for proposing a new region in Hong Kong			x	x

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 real-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.

Learning and Teaching Activities (LTAs)

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	Urban Design Studio	Urban Design project	1, 2, 3, 4	
2	Tutorials	Urban design methods	2, 3, 4	

Additional Information for LTAs

Semester Hours: 6 hours per week

Lecture/Tutorial/Laboratory Mix: Lecture (2); Tutorial (0); Laboratory (4)

2 hour of lectures and 4 hours Laboratory of Studio

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Assignments	1, 2, 3, 4	100	Urban design project

Continuous Assessment (%)

100

Examination (%)

0

Assessment Rubrics (AR)**Assessment Task**

Assignments (Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Attitude to challenge conventional strategies in urban design

Ability to develop design skills

Accomplishment to demonstrate design alternatives

Excellent

(A+, A, A-) Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base.

Good

(B+, B, B-) Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.

Fair

(C+, C, C-) Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material.

Marginal

(D) Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.

Failure

(F) Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.

Assessment Task

Assignments (Applicable to students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

Attitude to challenge conventional strategies in urban design

Ability to develop design skills

Accomplishment to demonstrate design alternative

Excellent

(A+, A, A-) Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base.

Good

(B+, B) Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.

Marginal

(B-, C+, C) Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.

Failure

(F) Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.

Part III Other Information**Keyword Syllabus**

Urban design, Design studio, New development, Contextual analysis, Emerging urban issues

Reading List**Compulsory Readings**

Title	
1	Nil

Additional Readings

Title	
1	Home and Communities Agency (2007) Urban Design Compendium 1, UK, Llewellyn Davies Yeung
2	Berger, Alan (2007). Drosscape: Wasting Land in Urban America
3	Careri, Francesco (2001), Walkscapes: Walking as an Aesthetic Practice (Land & Scape)
4	Planning Department, HKSAR (2000), Hong Kong Planning Standards and Guidelines
5	Hong Kong Institute of Planners (1996), Planning in Hong Kong 1997 and Beyond
6	Buildings Ordinance, Cap. 123 of Laws of Hong Kong
7	Town Planning Ordinance, Cap. 131 of Laws of Hong Kong
8	http://www.pland.gov.hk/pland_en/tech_doc/hkpsg/index.html
9	http://www.wkcdauthority.hk
10	http://www.ekeo.gov.hk