City University of Hong Kong
Course Syllabus

offered by Department of Architecture and Civil Engineering
with effect from Semester A 2021/22

Part I Course Overview

Course Title:	Integrated Studio - Small-Scale Buildings (Topic 3)
Course Code:	CA19131
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:	6
Level:	A1
Proposed Area: *(for GE courses only)*	[] Arts and Humanities [] Study of Societies, Social and Business Organisations [] Science and Technology
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: *(Course Code and Title)*	Nil
Precursors: *(Course Code and Title)*	Nil
Equivalent Courses: *(Course Code and Title)*	CA19101 Integrated Studio - Small-Scale Buildings; BST11081 Integrated Studio - Small-Scale Buildings; CA19111 Integrated Studio - Small-Scale Buildings (Topic 1); CA19121 Integrated Studio - Small-Scale Buildings (Topic 2); CA19114 Design Creation – Tectonics
Exclusive Courses: *(Course Code and Title)*	Nil

Part II Course Details

1. Abstract
(A 150-word description about the course)

This course aims to enhance students' understanding of architectural design of a small-scale building. The emphasis is on developing a set of analytical and design tools to explore spatial strategies and configurations in design precedents, and apply the findings to inform decisions in the architectural design process. Through a specific topic selected by the studio tutor, students will explore various themes relating to the development of a spatial configuration based on predetermined design intentions.

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 #	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	*A2*	*A3*
1.	Identify information from various sources to facilitate the preparation of design proposals.		✓		
2.	Develop design strategies for architectural design through the study of precedents.			✓	
3.	Combine simple structural systems with the spatial and functional aspects of architectural design into a coherent whole.			✓	
4.	Produce architectural design proposals to satisfy basic social and technical requirements of a small-scale project of a specific topic.				✓
5.	Produce solutions for various problems relating to small-scale building development of a specific topic.				✓
* If weighting is assigned to CILOs, they should add up to 100%.		100%			

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	5	
Design Project	Design Project engages students in the production of an integrated proposal for a building design of a specific topic in response to a set of constraints and requirements. Teaching and learning are conducted through regular studio classes in which students will develop their individual design proposals under the facilitation of a studio tutor.	✓	✓	✓	✓	✓	8 hrs / week

Semester Hours:	8 hours per week
Lecture/Tutorial/Laboratory Mix:	Lecture (0); Tutorial (0); Laboratory (0)
	Studio: 8 hrs / week

4. Assessment Tasks/Activities
(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks / Activities	CILO No.					Weighting*	Remarks
	1	2	3	4	5		
Continuous Assessment: 100%							
1. Interim Presentation (Design development sketches and models)	✓	✓				30%	
2. Final Presentation (Synthesis of analysis and development into a design solution)			✓	✓	✓	50%	
3. Portfolio (Documentation of overall design process and outcomes)				✓	✓	20%	
Examination: 0%							
* The weightings should add up to 100%.						100%	

Students must attain a minimum mark of 35 in all assessment components AND an overall mark of 40 to pass the course.

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)/ Pass (P) on P/F basis	Failure (F)
1. Interim Presentation (Design development sketches and models)	1.1 Identify relevant information from required plus additional sources. Thorough attempt to classify the various types of information to facilitate the preparation of design proposals. 1.2 Clear and comprehensive explanation of the essential information of a problem solution and design proposal. Thorough attempt to explain the various types of information through written, graphic and verbal means.	High	Significant	Moderate	Basic	Not even reaching marginal level
2. Final Presentation (Synthesis of analysis and development into a design solution)	2.1 Demonstrate ability to develop design strategies for architectural design based on in-depth analysis and understanding of precedents. 2.2 Thorough and skilful combination of the requirements of simple structural systems with the spatial and functional aspects of architectural design. Comprehensive synthesis of all aspects into a coherent form. 2.3 Production of innovative architectural design proposals for a small-scale project. Thorough and skilful integration of all aspects of the design to satisfy basic social and technical requirements.	High	Significant	Moderate	Basic	Not even reaching marginal level
3. Portfolio (Documentation of overall design process and outcomes)	3.1 Compile a comprehensive document that presents clearly the synthesis and design process of the creative solution using text, graphics and other presentation techniques.	High	Significant	Moderate	Basic	Not even reaching marginal level

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.)

Architectural design: Small-scale building development; single-family house; architectonics; precedent study and analysis; principles of spatial organisation.
Design integration: Integration of simple structural systems; selection of building materials; basic assembly of building components.
Communication: Basic graphic and oral presentation.

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.)

1.	Clark, R.H. and Pause M. (1996). Precedents in architecture (2nd ed). New York: Van Nostrand Reinhold.
2.	Ching, F. (1996). Architecture: form, space, & order (2nd ed). New York: Van Nostrand Reinhold.
3.	Davies, C. (2006). Key houses of the twentieth century: plans, sections and elevations. London: Laurence King.
4.	Foster, J.S. (2007). Structure and fabric part 1 (7th ed). New York: Pearson/Prentice Hall.
5.	Laseau, P. (2001). Graphic thinking for architects & designers (3rd ed). New York: J. Wiley.
6.	Pressman, A. (1993). Architecture 101: a guide to the design studio. New York: Wiley.
7.	Unwin, S. (2003). Analysing architecture (2nd ed). New York: Routledge.

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

1.	Nil