

**City University of Hong Kong  
Course Syllabus**

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

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**Part I Course Overview**

<b>Course Title:</b>	Architectural Communication
<b>Course Code:</b>	CA19200
<b>Course Duration:</b>	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.)
<b>Credit Units:</b>	3
<b>Level:</b>	A1
<b>Proposed Area:</b> <i>(for GE courses only)</i>	<input type="checkbox"/> Arts and Humanities <input type="checkbox"/> Study of Societies, Social and Business Organisations <input type="checkbox"/> Science and Technology
<b>Medium of Instruction:</b>	English
<b>Medium of Assessment:</b>	English
<b>Prerequisites:</b> <i>(Course Code and Title)</i>	Nil
<b>Precursors:</b> <i>(Course Code and Title)</i>	Nil
<b>Equivalent Courses:</b> <i>(Course Code and Title)</i>	Nil
<b>Exclusive Courses:</b> <i>(Course Code and Title)</i>	Nil

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## Part II Course Details

### 1. Abstract

(A 150-word description about the course)

The course aims to introduce students to the range of techniques available for the communication and presentation of building design and production information. It will provide students with necessary knowledge and skills to prepare architectural drawings and models manually, and to present a building design proposal graphically and verbally.

### 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.	Demonstrate initiative in adopting visual communication skills to express design ideas.		✓		
2.	Record images of buildings and architectural design using freehand sketching techniques.			✓	
3.	Communicate various information of architectural design using appropriate manual drafting techniques and tools.		✓	✓	
4.	Present the key concepts and information of an architectural design proposal using graphic communication techniques.			✓	
5.	Produce a simple model to illustrate the general characteristics of an architectural design.			✓	
* 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	
Workshop	Engages students in hands-on exercises, practice, and acquisition of skills that are required for the completion of their assignments.	✓	✓	✓	✓	✓	3 hrs / wk

Semester Hours:	3 hours per week
Lecture/Tutorial/Laboratory Mix:	Lecture (Mix); Tutorial (Mix); Laboratory (Mix)

### 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%							
Sketchbook	✓	✓				20%	
Assignments			✓	✓	✓	80%	
Examination: 0%							
* The weightings should add up to 100%.						100%	

Students must attain a minimum mark of 30 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. Sketchbook	<p>1.1 INITIATIVE to adopt visual communication skills to express design ideas.</p> <p>1.2 ATTEMPT to RECORD images of buildings and architectural designs with sketches.</p>	High	Significant	Moderate	Basic	Not even reaching marginal level
2. Assignments	<p>2.1 INITIATIVE to adopt visual communication skills to express design ideas.</p> <p>2.2 ABILITY to COMMUNICATE various information of architectural design using appropriate manual drafting techniques and tools.</p> <p>2.3 ABILITY to PRESENT the key concepts and information of an architectural design proposal using graphic communication techniques.</p> <p>2.4 ABILITY to PRODUCE a simple model to illustrate the general characteristics of an architectural design.</p>	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.)*

Drawing equipment and materials; Line drawings; Freehand sketching; Drawing conventions and lettering; Orthographic projection: plan, elevation, section; Metric projections: axonometric; Perspective; Hand rendering techniques: projection of shade and shadow, application of colours and tones; Model making techniques: study and presentation models; Graphic layout and presentation techniques.

**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.	Ching, Frank (2015) Architectural Graphics: New York: John Wiley.
2.	Ching, Frank (2015) Architecture: Form, Space, and Order: New York: Van Nostrand Reinhold.
3	Porter, Tom (1990) Graphic Design Techniques for architectural drawings: London: Hamlyn/Amazon.
4.	Porter, Tom (1992) Design drawing techniques: for architects, graphic designers & artists: New York : Charles Scribner's Sons.
5.	Lockard, William (2000) Design drawing experiences: New York: W.W. Norton & Co..
6.	Knoll, Wolfgang (2008) Architectural models: construction techniques: New York: McGraw-Hill.
7.	Mills, Criss (2005) Designing with models: a studio guide to making and using architectural design models: New York: John Wiley.
8.	Ramsey, Charles George (2017) Architectural Graphic Standards: New York: J. Wiley.
9.	Talarico, Wendy (2005) Graphic standards details: openings: Hoboken, N.J.: John Wiley & Sons.

**2.2 Additional Readings**

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

1.	Nil
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