

**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:	Construction Industry and Society
Course Code:	CA29602
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:	A2
Proposed Area: <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
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: <i>(Course Code and Title)</i>	Nil
Precursors: <i>(Course Code and Title)</i>	Nil
Equivalent Courses: <i>(Course Code and Title)</i>	Nil
Exclusive Courses: <i>(Course Code and Title)</i>	Nil

Part II Course Details

1. Abstract

(A 150-word description about the course)

This course aims to develop your knowledge in the structure of the building industry, architectural professional practice, procedures, professional ethics, and principles of building controls, safety and environmental issues. It enhances students' appreciation of various issues in the build environment and building industry.

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.	Recognize the local context of the construction industry.		✓	✓	
2.	Appreciate the important factors affecting the expedition of building projects.		✓	✓	
3.	Explain the structure of the building industry, the relationship between different parties, and articulate the roles of an architect in the different work stages of a building project.		✓	✓	
4.	Comprehend the principles of building controls, safety and environmental issues.		✓	✓	
5.	Understand the essential elements of professional practice in compliance with the managerial, social and ethical responsibilities.		✓	✓	
6.	Recognize the importance of professional ethics in the building profession.		✓		
* 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	6	
Lecture	Consists of oral presentations by instructors intended to present information on a particular subject. Other forms of teaching and learning activities will also be used to stimulate students' participation during a lecture.	✓	✓	✓	✓	✓	✓	
Tutorial	Activity complementary to the lecture classes to provide more opportunities for student-instructor and student-student interaction. Students will be engaged in more detailed discussions on the lecture materials and/or assessment tasks in a tutorial.			✓	✓			
Seminar	Consists of oral presentations by instructors and/or external guests, which focuses on a selected topic relating to the integrated studio or the various subject area courses.	✓				✓	✓	

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	6		
Continuous Assessment: 80%								
Assignments		✓	✓	✓			60%	
Mid-term test	✓	✓	✓	✓			20%	
Examination: 20% (duration: 1.5 hours)								
Examination			✓	✓	✓	✓	20%	
* 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. Assignments	<p>1.1 Appreciate the important factors affecting the expedition of building projects.</p> <p>1.2 Ability to explain the structure of the building industry, the relationship between different parties, and articulate the roles of an architect in the different work stages of a building project.</p> <p>1.3 Ability to illustrate and apply the principles of building controls, safety and environmental issues.</p>	High	Significant	Moderate	Basic	Not even reaching marginal level
2. Mid-term test	<p>2.1 Recognize the local context of the construction industry.</p> <p>2.2 Appreciate the important factors affecting the expedition of building projects.</p> <p>2.3 Ability to explain the structure of the building industry, the relationship between different parties, and articulate the roles of an architect in the different work stages of a building project.</p> <p>2.4 Ability to illustrate and apply the principles of building controls, safety and environmental issues.</p>	High	Significant	Moderate	Basic	Not even reaching marginal level

Examination	<p>3.1 Ability to explain the structure of the building industry, the relationship between different parties, and articulate the roles of an architect in the different work stages of a building project.</p> <p>3.2 Ability to illustrate and apply the principles of building controls, safety and environmental issues.</p> <p>3.3 Comprehend the essential elements of professional practice in compliance with the managerial, social and ethical responsibilities.</p> <p>3.4 Recognize the importance of professional ethics in the building profession.</p>					
-------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--	--

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.)

Organizational structure in building industry. Project organization and management. Project process and construction contracts. Expedition of building projects, safety and quality control.

Principles of land, town planning, development and building control. Sustainable and smart city.

Roles of Construction Professionals; Role of Architects and Professional ethics.

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.	Nil
----	-----

2.2 Additional Readings

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

1.	Tong, A. Y. H. (2013). Building and Development Control Legislation in Hong Kong. Hong Kong : Pace Publishing Limited
2.	Hill, M.J. (2001). Building Contract Procedures in Hong Kong.
3.	Chappell, D. and Willis, A. (2016). The architect in practice (11th Ed). Oxford; Malden, MA : Blackwell Pub.
4.	Division of Building Science and Technology. (2003). Building design and development in Hong Kong. Hong Kong: City University of Hong Kong Press.
5.	The Hong Kong Institute of Architects. (latest edition) The Code of Professional Conduct.
6.	Government of HKSAR (Latest Edition). Building (construction) regulations. Hong Kong: Government of the HKSAR.
7.	Government of the HKSAR (Latest Edition). Building (energy efficiency) regulations. Hong Kong: Government of the HKSAR.
8.	Government of HKSAR (Latest Edition). Building (planning) regulations. Hong Kong: Government of the HKSAR.
9.	Government of the HKSAR (Latest Edition). Building (refuse storage and material recovery chambers and refuse chutes) regulations. Hong Kong: Government of the HKSAR.
10.	Government of HKSAR (Latest Edition). Building (standards of sanitary fitments, plumbing, drainage works and latrines) regulations. Hong Kong: Government of the HKSAR.
11.	Government of the HKSAR (Latest Edition). Town planning ordinance Cap. 131. Hong Kong: Government of the HKSAR.
12.	Green, R. (2001). The architect's guide to running a job. Oxford: Architectural Press.

13.	HKIA. (2000). Agreement between client and architect and scale of professional charges. Hong Kong: Hong Kong Institute of Architects.
14.	Littlefield, D. (2005). An Architect's guide to running a practice. Oxford: Architectural Press.
15.	Rubenstein, H. (1987). A guide to site and environmental planning (3rd Ed.). New York: Wiley Publishing.
16.	Russ, T. H. (2002) Site planning and design handbook. New York: McGraw Hill.
17.	Wong, W. S. and Chan, E. (Eds.) (1997). Professional practice for architects in Hong Kong. Hong Kong: Pace Publishing.
18.	Wong, W. S. and Chan, E. (Eds.) (2000). Building Hong Kong: environmental considerations. Hong Kong: Hong Kong University Press.