

City University of Hong Kong
Course Syllabus

offered by Department of Architecture and Civil Engineering
with effect from Semester A in 2016/17

Part I Course Overview

Course Title:	Site Planning and Analysis
Course Code:	CA5148
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:	P5
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)	Nil
Exclusive Courses: (Course Code and Title)	Nil

Part II Course Details

1. Abstract

This course aims to provide students with comprehensive knowledge and approaches of site planning and analysis in architecture, urban planning and design, and landscape architecture. It seeks to determine suitability of site selection and programming, analyze various aspects in relevant site and existing contexts, and create site planning and design. Topics include process and tools, visualization of spatial information, site selection and programming, site inventory and analysis, and design and implementation in site planning and design.

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.	Comprehend fundamentals of site planning and graphic communication		✓		
2.	Determine suitability of site selection and programming		✓	✓	
3.	Evaluate physical, environmental, and cultural conditions in relevant site and existing contexts		✓	✓	
4.	Synthesize contextual analysis into physical forms by following the site planning phases		✓	✓	✓
		100%			

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	
Lectures	Knowledge of site planning, analysis, and design Site grading, site parking, site planning and design methods	✓	✓	✓	✓	2 hrs/wk
Tutorials	Site grading, site parking, site planning and design exercise		✓	✓	✓	1 hr/wk

Semester Hours:	3 hours per week
Lecture/Tutorial/Laboratory Mix:	Lecture (2); Tutorial (1); Laboratory (0)

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		
Continuous Assessment: 50%						
Assignment	✓	✓	✓	✓	30%	
Mid-term Quiz	✓	✓			20%	
Examination: 50% (duration: 3 hours)						
					100%	

To pass a course, a student must obtain minimum marks of 30% in both coursework and examination components, and an overall mark of at least 40%.

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-)	Adequate (C+, C, C-)	Marginal (D)/ Pass (P) on P/F basis	Failure (F)
Assignment	Attitude to challenge conventional strategies in site planning and design Ability to develop site planning Accomplishment to demonstrate site planning and design	Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base	Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.	Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material	Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.	Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.
Mid-term Quiz	Attitude to challenge conventional strategies in site planning and analysis Ability to demonstrate essential knowledge	Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base	Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.	Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material	Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.	Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.
Examination	Attitude to creatively challenge conventional issues Ability to demonstrate innovative thinking Accomplishment to demonstrate site planning and analysis	Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base	Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.	Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material	Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.	Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.

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.)

Site Planning, Site Analysis, Process, Tools, Site Selection, Programming, Site Inventory, Physical Attributes, Biological Attributes, Cultural Attributes, Integration and Synthesis, Conceptual Design, Design Development, Project Implementation

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
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2.2 Additional Readings

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

1.	LaGro Jr., J. A. (2008) Site Analysis: a Contextual Approach to Sustainable Land Planning and Site Design, 2nd Edition, NJ: Wiley.
2.	Russ, T. H. (2009) Site Planning and Design Handbook, McGraw-Hill.
3.	Lynch, K. (1984) Site Planning, the MIT Press.
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.	http://www.pland.gov.hk/pland_en/tech_doc/hkpsg/index.html
7.	http://maps.nrcan.gc.ca/
8.	http://www.enviroment.gov.au
9.	http://www.gigateway.or.uk
10.	http://www.usgs.gov/ngpo