



Aberdeen after opening of the MTR South Island Line (Photo 2017)

Entrepreneurial City Lab - **Designing for Urban Prosperity**

2017-18 1st Term

Mondays & Thursdays 1:30 pm – 6:15 p.m.,

Venue: Urban Design Studio 5th Floor AIT Building

Instructor: Associate Professor Hendrik Tieben

Teaching Assistant: CHEN Yong Ming

Workshop Inputs:

Adjunct Associate Professor Sujata Govada (CUHK)

Adjunct Associate Professor Daniel Pätzold (CUHK)

Associate Professor Anh Hoai Tran (Malmö University)

STUDIO BACKGROUND AND GOALS

Similar to other Asian cities, Hong Kong focuses on the development of transport infrastructure as a way to boost urban re-development and mobility as well as reduce vehicular traffic and carbon emission. However, the strategy can have negative side effects as less affluent residents and businesses might be forced out by increased property prices, a higher building density can affect the environment and the overall socio-spatial changes may reduce the local identity and community sense.

To achieve with this strategy a broader urban prosperity the following questions need to be solved: How can the affected areas remain affordable and regain a sense of place, which includes old and new residents? To develop answers to these questions, the studio will explore three districts in Hong Kong – Aberdeen, Sai Ying Pun and To Kwa Wan.

The growth of cities was always been linked to how movements of people and goods interacted with particular sites. Urban centralities evolved at places where such movements met specific topographic conditions, such as waterfronts and rivers. Technological innovations of new movement systems changed existing urban areas and added new centralities.

The three sites in Aberdeen, Sai Ying Pun and To Kwa Wan were selected as they present such changes of Hong Kong, in its development from a fishing village, to an international shipping port and aviation hub. Each change was linked to economic changes and brought changes to its waterfronts, street patterns, and building typologies.

To provide a deeper understanding on the forces behind these changes the studio is linked with the courses Urban History and Theory, Urban Processes and Urban Transport Networks. Based on the knowledge provided by these courses students will be able to develop more consistent and comprehensive solutions. For instance, the course Urban Processes will explain how specific processes and actors produced the different urban forms of the sites. Here also students can learn how to communicate more effectively with different actors. The course Urban Transport Networks course will explain how the development of intermodal strategies can help to develop better public space networks. Each project will be assessed for its success to address the above outlined studio questions.

The studio is linked to the theme of the 10th Conference of the International Forum on Urbanism (IFoU) “The Entrepreneurial City”, which will be hosted by the MSc in Urban Design programme in December 2017 at CUHK (ifou2017.com), and best projects may be selected for presentation at the conference and potential publication in the Journal of Public Space.

Objectives

- Through observations, mappings and interviews, students will understand how different urban forms and spaces in Hong Kong were generated;

- Based on their analyses, students will learn to appreciate the specific cultural, environmental and social aspects of places;
- The organization of community workshops will give the opportunity to learn how to communicate with different stakeholders.
- Through comparative analyses they learn to understand the specific impact of urban strategies.
- By following the studio objectives students can contribute to the implementation of UN Habitat's New Urban Agenda.



Location of the programme's community centre in Sheung Fung Lane (Sai Ying Pun) near Exit B of the MTR West Island Line.

Learning Outcome

Upon completing the studio, students will be able to:

- Development and Integration of Professional Knowledge and Skills into Comprehensive Urban Design Solutions;
- Development of Research Skills and Critical Thinking;
- Development of Communication Skills by engaging with different stakeholders and community members;
- Development of Professional Ethics and Personal Development.

Studio Output

Students develop group strategies and individual designs for public spaces, which contribute to the sense of place, and foster inclusiveness and healthier living.

The projects need to be presented in drawings and models across the scales 1:2500/1:1000/1:500 as well as detail studies (1:100-1:20) for key areas. Montages and perspectives should show the intended spatial qualities while considering different seasons and times of the day. Statements of addressed issues and design intentions should be formulated in a brief text and complemented with sketches and diagrams. Research findings should be gathered in a studio booklet and include all sources.

All students will be required to submit digital documentation.

Deliverables

- Group studies according to defined topics;
- Site models (scale TBC);
- Cross-scale drawings and models presenting the group strategies and the related individual projects (scale TBC);
- Phasing plan of proposed design interventions;
- Diagrams highlighting how the project benefits stakeholders and the general public;
- Drawings and models showing the integration of new public spaces and buildings in their surrounding in (scale 1:200-500)
- Perspectives and sections presenting the intended qualities of public spaces and buildings (scale 1:10-100);
- Written project statement explaining the key issues and design intentions (500 words);
- Studio booklet

(Digital documentation of group and individual work is compulsory after final review)

Assessment Scheme

- Group Research 20%
- Overall Group Strategy 20%
- Individual Design Work 50%
- Participation in Joint Placemaking Project 10%

The course is organized in a research part (group work), placemaking exercise, group strategy and an individual design project. The research encompasses mapping exercise, interviews, and precedent studies. It provides the basis for the group strategy and individual design. For a successful project it is fundamentally important to demonstrate how the proposed design is addressing a specific issues identified in the group research and contributes to the realisation of the group strategy and the overall studio theme.

Course Format

The studio teaching is organized as a sequence of lecture inputs, desk critics, placemaking workshop and design reviews. The participation in all these activities is obligatory and important part to seek relevant feedback and develop communication skills.

Required Readings

- Chase, G.L., Crawford, M., and J. Kaliski, eds., *Everyday urbanism*, New York: Monacelli Press, 2008.
- Gehl, J. and B. Svarre, *How to study public life*, Washington DC: Island Press, (2013).
- Lydon, M. and Garcia, A., *Tactical Urbanism: Short-term Action, Long-term Change*. Miami: Next Generation of New Urbanists, 2011.
- Saunders, D., *Arrival City: How the Largest Migration in History is Reshaping Our World*, New York: Vintage, 2012.
- UN Habitat, *New Urban Agenda*, Quito 2016.

Recommended Readings

Mapping and infographics

- Edward R. Tufte, *Envisioning Information*, Graphics Press; 1st edition, 1990.
- Jacques Bertin, *Semiology of Graphics: Diagrams, Networks, Maps*, Esri Press, 2010.

Site and Situation

- http://www.hkmemory.hk/collections/oral_history/feature_OH/story05/story5_rec/index.html

- Burdett Ricky. (ed) LSE Cities. Hong Kong: Cities, Health and Well-being. Available at: <http://lsecities.net/ua/conferences/2011-hongkong/>
- Stefan Canhem and Rufina Wu, *Portrait from Above, Hong Kong's informal rooftop communities*, Hong Kong, MCCM, 2010.
- Shelton, Barrie, Karakiewicz, Justyna & Kvan, Thomas, *The Making of Hong Kong: From Vertical to Volumetric*, Taylor & Francis, 2010 .

City and Citizens

- Anne Mikoleit and Moritz Purckhauer, *Urban code: 100 Lessons for Understanding the City*, Cambridge, MIT Press, 2011.
- Jane Jacobs, *The Death and Life of Great American Cities*, New York, Random House, 1961.
- Magda Anglès, *In Favor of Public Space. Ten years of the European Prize for Urban Public Space*, Barcelona: Actar, 2010.
- Kim Dovey and Elek Pafka, "The urban density assemblage: Modeling multiple measures", in *Urban Design International* 19.1 (Spring 2014): 66-76.

Sustainability

- Mohsen Mostafavi and Gareth Doherty, *Ecological Urbanism*, Baden: Lars Muller Publishers, 2010.
- Edward Ng. *Designing high-density cities for social and environmental sustainability*, London; Sterling, VA : Earth- scan, 2010.

Urban visions and experimental massing

- Winy Maas, *Visionary Cities*, Rotterdam: NAI Publishers, 2010.
- Winy Maas, *Hong Kong Fantasies*, Rotterdam: NAI Publishers, 2012.
- Aurora Fernández and Javier Arpa, *Density Projects*, Vitoria-Gasteiz: a+t ediciones, 2008.

Government guideline:

Planning Department – Hong Kong Planning Standards and Guidelines

Schedule

Studio Activities	
Mon Sept. 4	Studio Introduction Urban Analysis Exercise 1: <i>Urban History, Morphology, Types, Public Space Networks</i>
Thu Sept. 7	Site explorations
Mon Sept. 11	Exercise 1: <i>Urban History, Morphology, Types, Public Space Networks</i>
Thu Sept. 14	Presentation Exercise 1: <i>Urban History, Morphology, Types, Public Space Networks</i>
	Introduction Exercise 2: <i>Identifying urban issues and relevant stakeholders</i>
Mon Sept. 18	Exercise 2: <i>Identifying urban issues and relevant stakeholders</i>
Thu Sept. 21	Presentation Exercise 2: <i>Identifying urban issues and relevant stakeholders</i>
Sat Sept. 23	<i>Stakeholder interviews</i>
Mon Sept. 25	Feedback of Stakeholder Interviews
	Exercise 3: Joint Placemaking Project
Thu Sept. 28	Exercise 3: Joint Placemaking Project
Mon Oct. 2	Public Holidays
Thu Oct. 4/5	Mid-autumn festival event - Placemaking Project
Mon Oct. 9	Exercise 4: developing group strategy
Thu Oct. 12	Exercise 4: developing group strategy
Mon Oct. 16	Presentation Exercise 4: group strategy Start individual projects
Thu Oct. 19	Desk critiques
Mon Oct. 23	Design-review
Thu Oct. 26	Desk critiques
Mon Oct. 30	Desk critiques
Thu Nov. 2	Design-review
Mon Nov. 6	Desk critiques
Thu Nov. 9	Desk critiques
Sat Nov. 11	<i>Community Forum - Presentation an discussion of projects</i>
Mon Nov. 13	Desk critiques
Thu Nov. 16	Desk critiques
Mon Nov. 20	Desk critiques
Thu Nov. 23	Pre-final review
Mon Nov. 27	Desk critiques
Thu Nov. 30	Desk critiques
Wed Dec. 6	Final review
Mon Dec. 11	Hand-in Studio Documentation

IMPORTANT NOTE TO STUDENTS:

ATTENDANCE:

Class attendance is required in all courses. For an excused absence, the instructor must be notified and presented with documentation of illness or personal matter. Please note: **Three (3)** or more unexcused absences may result in a failing grade for the course.

ACADEMIC HONESTY:

Attention is drawn to University policy and regulations on honesty in academic work, and to the disciplinary guidelines and procedures applicable to breaches of such policy and regulations. Details may be found at: <http://www.cuhk.edu.hk/policy/academichonesty/>. With each assignment, students may be required to submit a statement that they are aware of these policies, regulations, guidelines and procedures.

STUDENT WORK:

Submission of studio documentation in correct and complete format is required of each student. Without submission of the documentation folder no grade will be submitted for the course. This may result in a failing grade for the course and may delay graduation.