ARCH 2111

INTRODUCTION TO ARCHITECTURAL DESIGN I

2012-13 1st Term

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DESCRIPTION

The aim of the course is to introduce students to the exploration of architectural space. It is intended to cultivate a method of work through which space concept is conceived through working with different types of media, and crystallized with the consideration of habitation and further materialized through the means of building materials and construction. Drawing and model-making skills are taught integrated with exercises. We are interested in the following issues: the formation of space and its definition; the internal organization of the building, its parts and their relationship and hierarchy; the form and structure of the building; the material organization in terms of elements, components and systems.

This is the first part of the introductory course. The course consists of four small projects, each of which emphasizes on one particular topic.

OBJECTIVES

1. To obtain basic understanding about architecture in the keywords as form, space, use, site, and construction.
2. To learn basic knowledge about architectural design such as space concept, program organization, structural concept, site formation.
3. To be able to use model-making and graphic techniques to conceive, study, explore, articulate, and present design ideas.
4. To develop a method of work from conception to realization at a fundamental level of complexity.

LEARNING OUTCOME

Upon the completion of the course, students will have demonstrated basic understanding of fundamental issues related to architectural design such as the notion of space, form, use, site, and construction, acquired knowledge of architectural design in relation to space, form, use, site, and construction at a fundamental level, mastered basic model-making, graphic and computer aided design skills to conceive, study, explore, articulate, and present design ideas, and developed a method of work from conception to realization at a fundamental level of complexity.

ASSESSMENT SCHEME

The term grade is based on the completion of all four projects, the weight of each project in sequence: 20%, 30%, 30%, and 20%.

COURSE FORMAT

The course will be conducted in a way of program centered and research based team teaching in a structured manner. The program consists of four precisely defined projects, each of which deals with a particular design issue and method of work, which can be accomplished within a given time.

1. Pavilion --- space
2. Studio --- space, habitation
3. Hall ---- space, habitation, and construction
4. Site --- space, habitation, construction, and place

REQUIRED READINGS

RECOMMENDED READINGS


SCHEDULE

(Tentative)
Week  Topics
01  Pavilion
02
03  Studio
04
05
06
07  Hall
08
09
10
11  Site
12
13  Final review

FIELD TRIP
(please check the boxes)
[ ] Yes  [ ] Local; [ ] Overseas  Date(s):
Destination(s):

[√] No

SAME COURSE OFFERED BEFORE  (please check the boxes)
[ ] No

IMPORTANT NOTE TO STUDENTS:
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 will be required to submit a statement that they are aware of these policies, regulations, guidelines and procedures.