

HALF SEMESTER COURSE 2 "Face in the Gap, Gaps in the Face"	Credits: 8	in cooperation of Dept. of PUBLIC BUILDING DESIGN and Dept of MECHANICS, MATERIALS & STRUCTURES
Instructors: Zoltán SCHRAMMEL DLA Dr Péter VÁRKONYI Sarolta RAB Péter KROMPÁCZKI Mehmet KÖHSERLI Dániel KARÁDI	Responsible: Dr Ágnes GY. BALOGH Vice Dean	
Course type	Practical interdisciplinary design course – Lectures, team consultations, common presentations and evaluation in English – according to the timetable	

### *COURSE DESCRIPTION AND PRELIMINARY SCHEDULE*

#### **TUESDAY, THURSDAY**

<b>week</b>	<b>TUESDAY</b>	<b>THURSDAY</b>
1. Apr 9, 11	12:30-14:00 Introduction of tutors General information Design task	Site visit
2. Apr 16, 18	Student presentations: Introduction Forming groups	Lecture + Consultation
3 Apr 23, 25	Lecture + Consultation	Consultation
4. Apr 30 May 2	Consultation	Student presentations: preliminary plans
5. May 7, 9	Consultation	Consultation
6. May 14, 16	Consultation	Consultation
7. May 21, 23	Final presentation and evaluation of completed projects	

- **Grading:**
  - The final grade will be established as the result of the personal and team work of the student at home. The presentations and uploaded works will be graded according to the following:
    - activity in person 20%
    - midterm preliminary presentation 20+20%
    - final presentation: 40 %  
(innovative level of ideas, conformity to functional and structural rules, quality of presentation from point of view of clarity, phantasy and content)
- |         |          |              |     |
|---------|----------|--------------|-----|
| Grades: | 0-49 %   | failed       | (1) |
|         | 50-62 %  | passed       | (2) |
|         | 63-75 %  | satisfactory | (3) |
|         | 76-89 %  | good         | (4) |
|         | 90-100 % | excellent    | (5) |
- **Way of completion:**
  - - active participation in online consultations with home-prepared stuff
  - - submission/upload and presentation as detailed before
  - - result is published during a common discussion after the course

## Short description

### Face in the Gap, Gaps in the Face - Reactive Architecture

Our exchange students are invited to design a building and its street **face** in the dense urban fabric of the historic downtown of Budapest.

We seek works, which respond to some sort of external effects (for example light, noise, user behaviour,...) by transformations of the envelope (first of all the **face**) of the building. Students will have also chance to learn how to use the algorithmic design tool Grasshopper, which may help us to create free forms, intriguing patterns, or geometries that change over time.

The site is a **gap** in the historic urban fabric of Budapest, in Inner-Erzsébetváros, the 7th district of the capital. The area is also called "party district" nowadays due to the plenty of popular ruin pubs and bars located here.

The peaceful coexistence between local population and the growing number of young tourists needs new architectural reactions to the changing demands of life. At the same time the built heritage of the district obliges us to use sensitive architectural solutions in design of the character - first of all on the **face** of the building. All these are enough challenging to learn new design tools in order to find good, innovative result.

During the course we will provide training to learn Grasshopper design tool, and consultations to the design of the building - focused on its skin (**face**). Of course we do not neglect the spaces, and the structural systems of the building.