

HALF SEMESTER COURSE 2 "Public Buildings and its Structures"	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 Mehmet KÖHSERLI Kristóf VARGA	Responsible: Dr Ágnes GY. BALOGH Director	
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

week	TUESDAY	THURSDAY
1. Apr 14, 16	Introduction of tutors General information Design task	Site visit
2. Apr 21, 23	Student presentations: Introduction Forming groups	Lecture + Consultation
3 Apr 28, 30	Lecture + Consultation	Consultation
4. May 5, 7	Consultation	Student presentations: preliminary plans
5. May 12, 14	Consultation	Consultation
6. May 19, 21	Consultation	Consultation
7. May 26, 28	Final presentation and evaluation of completed projects	

### Short description

- **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

## Public Buildings and its Structures

The structural solutions for public buildings always pose complex design challenges, especially in today's circumstances. The need to consider space-creation, heights, functional flexibility, cost-effectiveness, aesthetic concepts, and sustainability requires complex thinking, extensive knowledge, and good teamwork. During the course, we will practice these skills with the help of our experts.

