

General Information:

Name of Course:

DESIGN STUDIO 5.

Course Code:

EPE315AN

Semester:

5th

Number of Credits:

8

Allotment of Hours per Week:

1 Lectures and 4 Labs /Week

Evaluation:

Signature (with grade)

Prerequisites:

Completed Design Studio 4, and Design of Building Structures 4

Responsible lecturer:

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General Subject Description

The Design Studio 5. Course is studio work in the Architecture program, and is carried out as an individual design project during the midterm of the program. The course focuses on the design procedure of a public building, students have to define the client, establish the program, propose and develop the design, schedule the work.

The finished and accepted project is shown and present at the end of the semester at the front of a Lecturer's Group for demonstrating the acquired architectural knowledge and abilities.

Learning Outcomes

Knowledge:

- Perceiving the connections and relations between the human, natural and architectural environment.
- Examining and exploring the meaning and rules of public building architecture.
- Knowing the social, economic and ethical responsibility of the architect.

Capability

- Capable to prepare technical drawings and presentations.

Attitude

- Aim to achieve high-quality, harmonious architectural products that meet both aesthetic and technical requirements.
- Aim to put the architectural profession into community service, sensitive to human problems, open to environmental and social challenges, while respecting traditions, recognizing and protecting the values of the built and natural environment.
- Openness to receiving new information and strives for the continuous development of his professional and general education.

Autonomy

- Doing the work in the knowledge of the social impact of the built environment.

Subject content

Students are required to complete design work relating to a new public building and an actual building site. Students are required to submit all their plans documenting their work on the design and are assessed on the following aspects: architectural design, development concept, functionality, and volume forming and space composition. For the preliminary and final plans, only digital graphics can be used. Students are also required to complete models of the plan in a material of their choice. The following aspects of public building design are covered: design work of specified types of public buildings, content programs, the optimal layout of the designed content on the floor plan, external appearance of the building, volume design practice, methods of representation, and preparation of color designs. This subject includes an architectural design project in the practical part (marked with a P) where students can practice and further develop the content of the lectures (marked with an L).

The Course includes:

- Regular (weekly) supervision by a teacher of the Architectural Institute. There are generating feedbacks by Main Supervisor after consultations and exams.
- 'Project Documentation' for planning permission of the designed building, as the summarize of the engineering working drawings documentation (ground plans, sections, elevations 1:100), and handmade models (1:200). The drawing tasks must be backed up and attached to CD/DVD.
- Examinations in five stages (after the Schedule of the Course).

Examination and evaluation system

In all cases. Annex 5 of the Statutes of the University of Pécs, the Code of Studies and Examinations (CSE) of the University of Pécs shall prevail. <https://english.mik.pte.hu/codes-and-regulations>

Attending is required all classes. Unexcused absences will adversely affect the grade, and in case of absence from more than 15% of the total number of lesson (it is max. 2 lesson) will be grounds for failing the class. To be in class at the beginning time and stay until the scheduled end of the lesson is required, tardiness of more than 20

minutes will be counted as an absence. In the case of an illness or family emergency, the student must present a valid excuse, such as a doctor's note.

Grading will follow the course structure with the following weight:

1 st Critical consultation	10%
2 nd Critical consultation	30%
Short task	10%
Final presentation	50%

The final grade will be based on the following guidelines:

(Grade 5) Outstanding work. Execution of work is thoroughly complete and demonstrates a superior level of achievement overall with a clear attention to detail in the production of drawings, models and other forms of representation. The student is able to synthesize the course material with new concepts and ideas in a thoughtful manner, and is able to communicate and articulate those ideas in an exemplary fashion in.

(Grade 4) High quality work. Student work demonstrates a high level of craft, consistency, and thoroughness throughout drawing and modelling work. The student demonstrates a level of thoughtfulness in addressing concepts and ideas, and participates in group discussions. Work may demonstrate excellence but less consistently than an '5' student.

(Grade 3) Satisfactory work. Student work addresses all of the project and assignment objectives with few minor or major problems. Graphics and models are complete and satisfactory, exhibiting minor problems in craft and detail.

(Grade 2) Less than satisfactory work. Graphic and modelling work is substandard, incomplete in significant ways, and lacks craft and attention to detail.

(Grade 1) Unsatisfactory work. Work exhibits several major and minor problems with basic conceptual premise, lacking both intention and resolution. Physical representation in drawing and models is severely lacking, and is weak in clarity, craft and completeness.

Grading Scale:

Numeric Grade:	5	4	3	2	1
	A, excellent	B, good	C, average	D, satisfactory	F, Fail
Evaluation in points:	85%-100%	71%-84%	60%-70%	50%-59%	0-49%

Readings and Reference Materials

Required:

- o [Design Methodology 1.](#)

More:

- o [Ching, F. \(1996\). Architecture: form, space, & order \(2nd ed\). New York: Van Nostrand Reinhold](#)
- o [Uta Graff \(2018, München\): Thinking through Material](#)
- o [Bert Bielefeld \(2016, Basel\): Planning Architecture, Dimensions and typologies](#)
- o [E.Neufert, P. Neufert \(2002\). Neufert Architects' Data](#)
- o [Julius Panero, Martin Zelnick \(1979\) Human Dimension and Interior Space: A Source Book of Design Reference Standards ISBN 0823072711. Watson-Guptill](#)
- o [Francis D. K. Ching \(2002\) Architectural Graphics Fourth \(4th\) Edition. JOHN WILEY & SONS, INC.](#)

Architect

Design Studio 5.
Course code: EPE315AN
Semester: Fall 2021/2022 1.

Course Syllabus

Schedule: Wen, periods 8.30 pm-12.45 pm
Location: PTE MIK, A316, É81

- Julia McMorrough (2014). Drawing for Architects: How to Explore Concepts, Define Elements, and Create Effective Built Design through Illustration
- Pressman, A. (1993). Architecture 101: a guide to the design studio. New York: Wiley.
- Unwin, S. (2003). Analysing architecture (2nd ed). New York: Routledge.
- Clark, R.H. and Pause M. (1996). Precedents in architecture (2nd ed). New York: Van Nostrand Reinhold.

Methodology

The course is based on through collaboration, participation and discussions through lessons. This is an interaction between Students and Faculty; used the teaching methods like 'Problem-based learning' and 'learning-by-doing'. The communication and work should be reflect a respect for fellow students and their desire to work with regard to noise levels, noxious fumes, etc – from each site of participants. (You will need: sketch paperroll, Rulerscale, sketchbook, pencils, pens, rulers, carton paper for modelling, notebook, internet.)

Students with Special Needs

Students with a disability and needs to request special accommodations, please, notify the Deans Office. Proper documentation of disability will be required. All attempts to provide an equal learning environment for all will be made.

Annex:

SEMESTER SCHEDULE TASK DESCRIPTION

Peter ZILAHÍ dr.
responsible lecturer

Pécs, 04.09.2021