# General Informations:

**Curriculum:** Architecture OTM, Architecture Msc,

**Name of Course: Complex DEsign 3**

**Course Code:** EPM320AN

**Semester:** 9

**Number of Credits: 11**

**Allotment of Hours per Week:** 2/0/8

**Evaluation:** mid-term grade

**Prerequisites: Complex Design 2 EPM319AN**

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**Yu GONG DLA student**

## General Course Description

## The course aims to apply the basic knowledge acquired in the various subjects in a complex way, with particular emphasis on conceptual design, integration into the built environment, logical integration of functions, finding aesthetic and structural form, and designing representative spaces. Students will work on architectural scales during the semester, following the urban scale of previous semesters. In addition, the immediate surrounding of the building, its integration into the environment, and anylizis of the settlement have to be addressed. Still, the main emphasis will shift to architectural details, to the articulation of the character of the building.

## This large-scale public building design must master the integration into the built environment (transport system, community space connections, natural environment) and the integration of engineering structures into the architectural concept.

## Learning Outcomes

## The course aims to enable students to apply their previous knowledge in a complex way. By the end of the semester, they should be able to formulate definite and coherent ideas on structural, functional, and artistic issues. However, verbal expression of ideas is not sufficient; they must also be presented in a highly technical and graphic quality.

## By the end of the course, participants will have acquired the following professional competencies:

## Knowledge:

## - Understand the relationships and interactions between humans, the built- and natural environment, and the principles and steps of designing a building type according to the brief.

## - Knowledge of the principles and methods of selecting, designing, and dimensioning typical building structures, building construction solutions, and properties of building materials.

## - Knowledge of architectural drawing and technical documentation types, modern computer-aided design, and documentation.

## Competencies:

## - Ability to see the design process from conceptualization to detail design level and select the most appropriate solutions, materials, and layouts.

## - Ability to address aesthetic, functional, technical, economic, and social requirements in a complex way in architectural design and to produce architectural designs that meet these requirements.

## - Ability to think through the building's structural, structural, and mechanical problems to be designed, prepare a conceptual design, and apply the solutions chosen in practice.

## - Ability to identify problems in the architectural design and construction process, see the interrelationships between different aspects, prioritize, and make a reasonable choice between other options.

## - Ability to produce architectural documentation, both manual and digital, in a graphically sophisticated manner, using the relevant rules and regulations.

## Attitude:

## - Strives for the complete realization of high-quality, harmonious architectural products that satisfy aesthetic and technical requirements following human scale and needs.

## - It applies intuitive and knowledge-based approaches in a balanced and proportionate way.

## - It strives to communicate and promote ecological considerations and to create future-oriented, sustainable, energy-efficient buildings.

## - Open to new information and continuously strive to improve their professional and general literacy.

## Autonomy and responsibility:

## - Takes an independent and proactive approach to professional problems.

## - Independently and proactively take the initiative and act autonomously.

## Subject content

The course involves solving large-scale building design problems. It is not enough to solve the functional system of the building. Understanding the structural-functional relationships and creating an architectural concept in addition to the static and technical parameters is necessary.

Studying and processing published compulsory literature is part of the independent task. Students must present the acquired knowledge's practical application throughout the semester. During the course, students will receive regular feedback on their design process and will be assessed on two occasions with points.

The most frequent feedback is given during consultations. In the consultations, students showcase the project's direction and development, and the theses raised must be demonstrated in drawings. Failure to do so will result in negative feedback and be recorded as absent.

During the course, there will be contact hours in the framework of architectural lectures in addition to consultations. The contact hours will support the design process by forming a coherent whole. However, constant logging of the process is required; the design process needs to be logged and will be an essential focus of the assessment.

The first feedback, quantified by a score, will take place in the 6th week of teaching. Then, a case study of a building of your choice will be presented in a short presentation. Deadline for submission according to the course program. Corrections may be made at the following contact hour.

The critical consultation takes place in the 8th week of the course. For this session, the design must be drawn up for the first time following the specified content requirements. During the critical consultation, students present their plan briefly orally. The presentation will be followed by a short feedback session with the instructor. Corrections may be made at the following contact hour.

The semester ends in week 15. You must register for this session according to the timetable. Only fully completed work is allowed to participate in the final presentation. Those who do not attend the final presentation or arrive with incomplete material will receive a "signature refused" in the academic system. The signature and the mid-term grade can be obtained during the examination period. This presentation session is two days long. The exact time is indicated in the course timetable.

**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://international.pte.hu/sites/international.pte.hu/files/doc/TVSZ%202022\_06\_23\_ENG.pdf*](https://international.pte.hu/sites/international.pte.hu/files/doc/TVSZ%202022_06_23_ENG.pdf)

Attendance in class is one of the conditions for obtaining a signature at the end of the semester. Failure to attend 30 % of the lectures and consultations will automatically result in a " fail " grade. The absence is indifferent and cannot be made up with a certificate. Consultations are only possible during the announced contact hours. Insufficient activity in the class will be considered an absence.

Grading will follow the course structure with the following weighting:

Case study analysis 10%

Critical consultation 20%

Critical analysis of planning journals 5+5%

Final presentation 60%

The signature of the instructor certifies that the student has fulfilled his/her mid-term obligations:

- attended classes, prepared for classes according to the course program

- has fulfilled the course requirements, has attended the course, has attended the course, has attended the course

- met the formal and substantive requirements, i.e., completed all the required parts of the assignment

If these are met, a signature will be given and a grade may be given for the term's work. The grade can be 1 (unsatisfactory) regardless of the signature. The presence of the work parts does not automatically mean completing the course!

The general textual evaluation of grades is as follows:

1 (unsatisfactory) The work will be graded as unsatisfactory if it does not meet the expected high standard of appearance. In addition, if the term paper does not meet the course's objectives: inability to function as a functional system or lack of architectural concept.

2 (Satisfactory) The minimum requirement for a satisfactory grade is the existence of an appreciable architectural concept and a basic functional system.

3 (Mediocre) The assignment should be graded as satisfactory/mediocre if the architectural concept is only assessable, but the functional and structural scheme is coherent.

4 (Good) The work can be rated good if the architectural concept is sound and coherent with the functional and structural context.

5 (Excellent) A work that fulfills the formal and content requirements to a large extent, with an exciting concept, a functionally excellent building, a building that is form-structurally coherent and sophisticated, and a professionally finished work of high quality

**Attendance**

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description..

Method for monitoring attendance (e.g.: attendance sheet / online test/ register, etc.)

**Assessment**

**Mid-term assessments, performance evaluation and their ratio in the final grade** (The samples in the table to be deleted.)

|  |  |  |
| --- | --- | --- |
| **Type** | **Assessment** | **Ratio in the final grade** |
| Case study analysis | *max 10 points* | *eg. 10 %* |
| Critical consultation | *max 20 points* | *eg. 20 %* |
| Planning journal | *5+5 points* | *eg. 10 %* |
| *Final Presentation* | *max 60 points* | *eg. 60 %* |

**Opportunity and procedure for re-takes (PTE TVSz 47§(4))**

The specific regulations for improving grades and retaking tests must be read and applied according to the general Code of Studies and Examinations. E.g.: all tests and assessment tasks can be repeated/improved at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.

**Requirements for the end-of-semester signature**

*The signature of the instructor certifies that the student has fulfilled their mid-semester obligations:*

*-attended classes (prepared for classes according to the timetable/schedule)*

*-complied with/exhibited good conduct in completing the course, making corrections, making up work*

*-complied with formal/content requirements (all parts of work completed and/or corrected, made up)*

*If these are fulfilled, the signature will be given for a mid-term subject with a grade.*

*The signature is only proof of the above; the evaluation of the professional content is graded 1,2,3,4,5. So, you may have fulfilled all your obligations and therefore receive a signature, but you will receive an unsatisfactory grade due to the lack of professional content. If this happens at the end of the term (week 15), you may attempt to improve your grade 1 time during the exam period.*

*Week 15 - end of semester*

*-if passed, signature and mid-semester mark! (by 12.00 noon on Friday of week 15)*

*Mid-semester grades are 5 grades (1,2,3,4,5)*

*-if not passed, then NEPTUN recording (by Friday 15th week 12.00) - signature denied then->*

*-or if the signature is given, but the grade is unsatisfactory NEPTUN recording (by 12.00 noon Friday 15th week) then ->*

*week 16-17 exam period correction make-up - all exams 1x*

*-if passed, then signature and midterm grade!*

*Midterm grade is 5 grades (1,2,3,4,5)*

*-if you pass and have a signature, but the midterm grade is unsatisfactory(1), then NEPTUN recording you can retake the course in the next academic year!*

*-if not passed, then signature denied - NEPTUN recording you can retake the course in the next academic year)*

*Signature is only to certify the above, the professional content is assessed by a grade of 5 (1,2,3,4,5) on the exam! (max 50% midterm performance, minimum 50% exam performance. The Institute's recommendation is 40-60%!)*

***Re-takes for the end-of-semester signature*** *(UP CoS 50§(2))*

*The specific regulations for grade betterment and re-take must be read and applied according to the general Code of Studies and Examinations. E.g.: all the tests and the records to be submitted can be repeated/improved each at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.*

**Grade calculation as a percentage**

based on the aggregate performance according to the following table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade: | 5 | 4 | 3 | 2 | 1 |
|  | A, excellent | B, good | C, mediocre | D, satisfactory | F, unsatisfactory |
| Performance in % | 85%-100% | 70%-84% | 55%-69% | 40%-55% | 0-39% |

## Readings and Reference Materials

In order of relevance. (In Neptun ES: Instruction/Subject/Subject details/Syllabus/Literature))

Required:

[1.] The study guides in the appendix

Recommended:

[2.] Bert Bielefeld (Ed.): Planning architecture, 2016. Birkhauser, Basel

[3.] Andrea Deplazes (Ed.): Constructing architecture - Materials Processes Structures, 2013. Birkhauser, Basel

## Methodology

The course is based on collaboration, participation, and discussion through classroom sessions. It is an interaction between students and faculty; teaching methods such as "problem-based learning" and "learning by doing" are used. Lectures of a frontal nature represent a small slice of the methodology. The emphasis is on active learning and a critical approach. To this end, the consultations will be divided into 4-person consultations. Although the consultations can be freely organized, a proactive approach is required.

Method:

1. continuous consultation during class time according to the syllabus announced in the detailed course program

## 2. independent work during class time according to the semester timetable announced in the detailed syllabus

## 3. independent work at home

## 4. independent research, data collection, analysis

## 5. independent consultation with experts independent of the lecturers of the subject

## The students' method of problem-solving models the actual design process (complex problem approach = parallel study of function-structure-form) but also reflects the academic nature of university-level education (research-analysis work).

## The aim is to strengthen teamwork and to exploit its advantages (more eyes see more), with particular attention to ensuring that individual responsibility (to make one's plan) does not become team responsibility. Teamwork, therefore, means, discussing the work of the individual together.

## During the processing of the semester's planning tasks, the students have to go through phases together with their consultants:

## - analysis and conceptual phase

## During the first weeks of the semester, in practical classes supported by theory and lectures, students analyze the types of offices and their spatial relationship systems. In the experimental design and modeling framework, they will construct modern working spaces, the empirical conclusion of which will be the basis for developing a concrete design concept. By the end of the conceptual design phase, the analysis of the environmental conditions (location, spatial structure, built environment, density - built-up area analysis, etc.), the interpretation of the site characteristics (site geometry, orientation), the massing, the definition of the main directions, the main groups of functions, the layout of the layout will have been completed. Design guidelines should also be presented through various diagrams, drawings, and working mock-up photos. Documenting the creative thinking process is essential for successful communication- this should be documented in the design journal nr 1 (5p)

## - Design phase

## The second half of the semester is a time for unfolding and concretizing the design. The result is a crystallized building, where mapping evolves closely with exploring external connections. The system of interior architecture and structural nodes is worked out. The documentation will include drawings at M:1:100 scale, a site plan showing the installation, perspective views and a model. Failure to complete any part of the work will result in failure of the assignment and will not be assessed and the assignment will not be considered complete. The assignment also includes the presentation of revised installation drawings and a mock-up, with a visual and clearly understandable demonstration of the development.

## Each phase should be discussed at the team level (students + the consultants) during the class:

## - joint discussion - presentation and discussion of the work done at home, raising any problems that have not yet been identified, analysis of possible answers to the issues identified

## - independent reflection on the task

## - joint discussion - presenting and discussing the work done in class, raising any problems that have not yet been identified, analyzing possible answers to the issues identified

## 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.

## Detailed requirements and schedule of the Course

DESIGN OF A NEW OFFICE BUILDING

*Built environment*

Four streets bound the immediate planning area: to the south by Rákóczi road, which is also the four-lane main road No. 6; to the west by Lánc street, which is also a four-lane road; to the north by Búza square; and the west by Nagy Lajos street.

In terms of its urban position, it is already outside the historic urban core, but there is a distinct sense of enclosed blocks to the west and north. To the north are blocks of mixed function, connected by a closed perimeter. There is space for an office block, a sports center, a bank, and residential functions.

Educational institutions border the site to the west. In Nagy Lajos Street is the Charles Zipernowsky Technical Technical College. The building was completed in 1929, and designed by András Létai. The original layout of the building consisted of a basement, two floors, and an attic. Later, another floor was added.

It is open to the city view from the south and east. A medical institution dominates the green space on the other side of Lánc street. While on the south side of Rákóczi út is a vacant lot, and next to it is the Square '48, renewed for the 2010 cultural season, designed by Anna Mária Tamás and Krisztián Kovács-Andor.

Today, an abandoned construction site is still standing on the site. To the north-west, the Corso Hotel is wedged into the block, but it appears as a distortion on two sides. Despite its torso character, the aim is not to copy architectural gestures.

*Transport system*

On the east and south sides, the four-lane roads are heavily congested. The turning lanes become congested during periods of heavy traffic. This results in significant congestion and congestion jams compared to Pécs. The entrance and exit of the underground car park of the planned new office building on these sites is not a reality.

The traffic on Búza Square is also not negligible, mainly because of the utility companies' headquarters located there. The junction at Lánc Street is often congested due to a lack of traffic lights, and there are many accidents at the pedestrian crossing. The latter problem has been partially addressed by a smart zebra system with LED lighting.

The traffic on Lajos Nagy Street is typically heavy only during the school season. In addition, two-way cycling traffic on the street connects Square '48 (and thus the Knowledge Centre) with King Street.

The only bus stop in the site's immediate vicinity is on Lánc Street, which has significant traffic.

A three-story underground car park was built on the site in the previous project and has been abandoned. Thus, an underground garage can be built at this depth. The exit ramp connects to Lajos Nagy Street. Therefore, it is not necessary to keep this position. However, the entire underground car park must be redesigned!

*Building law criteria*

Parcel Number: 16573/17

Zoning classification: Vi-00XX(BD)

The maximum built-up area above ground level: 100 %.

Minimum green area: 0 %.

Building height: specific

Building type: depending on the site

The above criteria allow a free design and installation of the building. However, its behavior in the urban landscape, a humane and sustainable building/green space ratio, and public space connections will be a key criteria in the assessment!

The site is an archaeological site. The archaeological excavations should be treated as completed as there is an existing torso on the site. Therefore, no monument should be considered further.

***Planning task***

General information

The proposed new office building will be centrally located. The proximity of the historic urban core on the one hand and the cultural quarter on the other will have a significant impact on the functioning of the building. The quality of the building ought to therefore be very high. By quality, we also mean the durability of the materials used. On the other hand, it must also serve a long-term spatial and functional purpose. Sustainability should not be confined to the use of renewable energies. It must also be possible to answer the question of what will happen to the building in the future when it can no longer function as an office building. To provide analytical evidence of this, a functional schematic diagram should be drawn up, assuming the creation of a possible condominium function.

The new building aims to provide quality spaces for its users while simultaneously opening up significantly to its surroundings. Thus, co-working offices and leasable units for commercial and service functions (restaurant, café, quality shops) should be planned on the ground floor.

*Urban design links and objectives*

The design process aims to create a multi-story office and commercial building that contributes to the vitality of the surrounding urban environment. Therefore, it should be both ecologically and socially sensitive to its surroundings.

The expectation of the project is unique in its concept and architectural language. The architectural idea of the house is essential. The artistic organization of space should not stop at the external plane of the house but should also include the spatial formulation of enclosed or open-plan atriums. The planning area is in a gateway situation. On the west side, it is typically surrounded by enclosed historic blocks. However, the dominant buildings are freestanding on the east and south sides. This dichotomy provides the opportunity for a free form.

The new office building cannot be a completely enclosed system. The aim is that not only the building users should be able to enjoy the associated public space. Therefore, ground floor commercial and service units should be designed to create high-quality urban areas.

The aim is also to create space for young entrepreneurs or start-ups in Pécs and small businesses that offer added value to the area and its economy.

Structural-functional relationships and objectives

The design of the new building should consider the height of adjacent buildings. Attractive office and retail space with user-friendly, well-scaled floor-to-floor heights should be designed to meet occupancy requirements.

The accessibility of the new building may take into account but is not a mandatory element, the existing garage door. However, accessibility of the building should be ensured. In addition, care should be taken to provide fire escape routes, particularly in atrium situations. Ensuring that restaurants and cafés are stocked is also an accessibility issue.

The project aims to provide attractive gastronomic and retail space on the ground floor and efficient and flexible office space on the upper floors to meet the needs of prospective tenants. You should pay particular attention to small business and community office needs. The aim is to create a healthy working environment that maximizes user comfort and increases productivity.

The number of car parking spaces shall be counted in accordance with the relevant Annex to the NTBR. However, it is particularly important to plan for the necessary bicycle parking!

An intensive green roof should be planned to improve the microclimate.

*Office space*

According to the economic model, office space should be designed for rent to one or more tenants with different space requirements ("multi-tenant" building). The target group is not only top-class players in the national and international economy but also start-ups and small businesses. The office and commercial building is being developed as a long-term investment, characterized by an excellent location and long-term leasing.

To ensure optimal coverage of the market, the rent should appeal to tenants with large, medium, and small space requirements. In a 'multi-tenant' project, the number and location of development cores, which make up the potential supply of space in a given letting area, are significant to the success of the letting. A development core can be defined as rental units that can be let as stand-alone units over a large area, but can also be subdivided into smaller cellular offices. Vertical circulation positions typically define these cores. Typically, 400 m2 or smaller should be considered. However, escape routes must be considered!

The design of good quality leaseholds is of great importance for the real estate industry: the quality of the leaseholds and the project's success are directly linked. In this respect, it is a crucial design task to increase the architectural quality of the rental space!

The building should be designed according to the following parameters:

- Clear room depth for offices: 5.40 m - 5.60 m

- hollow floor: 15 cm

- Ventilation from the vertical strings to the offices should be via the corridor or the entrance zone, so that the clear ceiling height in these areas is correspondingly lower

- Openable windows should be designed!

- Provide a healthy working environment

- Use the notes provided as annexes to the exercise

Underground parking

The number of car parking spaces must be sized following the NTBR. In addition, provision should be made to infill commercial and service functions in the underground car park. The underground car park shall have a two-way entrance.

**Tasks and minimum requirements**

The presented work should reflect the knowledge acquired in lectures, consultations, and independent work. The aim should be to achieve a high-quality, harmonious architectural product that meets aesthetic and technical requirements.

Analysis of case studies 10 points

Analyze a building of your choice.

A short presentation of up to 120 seconds should be given on the chosen building. The presentation's focus should be on the structural-spatial-functional relationships of the building.

Required content:

Digital presentation in .pdf format

Assessment criteria:

- Presentation of typical structural and building design solutions

- Presentation of aesthetic, functional, technical, economic, and social considerations

- the creation of a sophisticated digital presentation

Critical consultation 20 points

In a maximum of 7 minutes, present the current state of the design process in a digital presentation.

Required content:

- concept diagrams

- axonometry

- site plan

- floor plans of all different levels

- 2 sections

- min. 2, max. 3 visual plans

- after-use schematic drawing

- mass model 1:500

Evaluation criteria:

- the relationships between man, the built environment, and the natural environment

- typical structural and construction solutions

- aesthetic, functional, technical, economic, and social considerations

- the creation of a sophisticated digital presentation

Design journal 5+5 points

A design logbook should manage the independent assignment and the design process. The design journal is a booklet with a sophisticated design in which the manual and/or edited drawings are logged. It is required to be presented at consultations. Therefore, it must be presented twice during the semester, at the critical consultation, and at the final presentation.

Required content:

- booklet format

Assessment criteria:

- Apply intuitive and knowledge-based approaches simultaneously and proportionately

- act independently and proactively when dealing with professional problems.

Final presentation 60 points

Within a maximum of 7 minutes, you summarize the semester assignment.

The presentation is technologically hybrid: technical drawings are to be presented on cascaded boards of a size of your choice. In addition, the display of visual plans, concepts, and axonometric diagrams is digital.

Required content:

- after-use schematic drawing (for a complete life span)

- axonometry

- conceptual diagrams

- site plan 1:500

- floor plan of all different levels 1:200

- 2 sections 1:200

- main wall section with rotated facade view 1:50

- facades 1:200

- min. 3, max. four views

- mass model 1:333, also showing the facade structure

Evaluation criteria:

- According to the thematic output competences

Annexes

M1 Design base map

M2 Regulatory map

M3 Orthophoto

M6 CoS

J1 Dr. Erzsébet Szeréna Zoltán: Design of office buildings

J2 Dr. Erzsébet Szeréna Zoltán: Office conversion

S1 Dr. Anna Mária Tamás, Krisztián Kovács-Andor Kovács: Graphic design guide

S2 Public building design guide

S3 Transport and parking guide

## Schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COURSE OUTLINE | | | | | | |
| COMPLEX DESIGN 3 | | | | | | |
| Tue 7:45-15:45 | | | | | | |
| month | day | week | Lecture 9:30-11:00 A008 | practice 7:45 -9:15 A 008 | topic | practice 11:00-15:45 A008 |
| September | 6 | 1 | site visit - discussion about the design task | | | |
| 13 | 2 | intro | Round table discussion about the first impressions and design ideas | | |
| 20 | 3 | LECTURE  ON BUILDING STRUCTURES | consultation | RESEARCH critical analysis of high-quality, contemporary examples of sustainable office  development | consultation / individual work |
| 27 | 4 |  | consultation | Layout schemes (site and floor plans) | evaluation of case studies  installation and layout principles. |
| LECTURE  ON BUILDING STRUCTURES |
| October | 4 | 5 |  | consultation | Volumetric and section schemes | consultation / individual work |
| LECTURE  ON BUILDING STRUCTURES |
| 11 | 6 | Evaluation of case studies  Submission: 10.10.2022, 23.59, TEAMS  A short presentation of up to 120 seconds should be given on the chosen building. The presentation's focus should be on the structural-spatial-functional context of the building.  The order of the presentations and the buildings chosen are shown in the excel sheet published in the TEAMS folder.  The format should be in .pdf format; the file name should be the student's name.  Short oral feedback and score, maximum 10 points  Assessment criteria:  - presentation of typical structural and building solutions  - presentation of the aesthetic, functional, technical, economic, and social principles  - the creation of a sophisticated digital presentation | | Evaluation of floor plan schemes  Evaluation of structural options based on sections  Consultation is carried out in groups of 4. | |
| 18 | 7 |  | Consultation – finalizing the spatial arrangement | | |
| LECTURE  ON BUILDING STRUCTURES |
| 25 | 8 | Critical consultation  Submission: 24.10.2022, 23.59, TEAMS  The critical consultation will take place in two study groups.  In a maximum of 7 minutes, a digital presentation of the current state of the design process is required.  The format should be in .pdf extension, the file name should be the student's name.  Required content:  - concept diagrams  - axonometry  - site plan  - floor plans of all different levels  - 2 sections  - min. 2, max. 3 visual plans  - after-use schematic drawing  - mass model 1:500  Short oral feedback and score, maximum 20 points  Assessment criteria:  - the relationships between man, the built environment, and the natural environment  - typical structural and construction solutions  - aesthetic, functional, technical, economic, and social considerations  - the production of a sophisticated digital presentation  Presentation of the planning journal:  In parallel to the critical consultation, the tutors evaluate the planning process.  Short oral feedback and score, maximum 5 points  Assessment criteria:  - Apply intuitive and knowledge-based approaches simultaneously and proportionately  - acts independently and proactively when dealing with professional problems. | | | |
| november | 1 | 9 | FALL BREAK | | | |
|  |
| 8 | 10 | LECTURE  ON BUILDING STRUCTURES | Reflective evaluation of the criticisms made during the critical consultation | Assessment of the quality of the layout, structure, and interior | consultation / individual work |  |
|  |
| 15 | 11 | LECTURE  ON BUILDING STRUCTURES | consultation / individual work | Functional and structural systems | consultation / individual work |  |
|  |
| 22 | 12 | CONSULTATION ON BUILDING STRUCTURES | consultation / individual work | Interior / spatial arrangement | consultation / individual work |  |
|  |
| 29 | 13 | CONSULTATION ON BUILDING STRUCTURES | consultation / individual work | Finalizing concept for reuse | consultation / individual work |  |
| december | 6 | 14 | CONSULTATION ON BUILDING STRUCTURES | consultation / individual work | Final check-up | consultation / individual work |  |
|  |
| 13 | 15 | LAST CHECK ON BUILDING STRUCTURES | Final presentation  Submission: 12.12.2022, 23.59, location: common TEAMS group  For the final presentation of week 15, please register by:12.12.2022, 23.59, place: common TEAMS group  In case of low attendance at this final presentation, a consultation will follow the presentations.  A maximum of 7 minutes is required to summarise the mid-term assignment.  The presentation is technologically hybrid:  Technical drawings must be presented on posters of the chosen size. The presentations of visual plans, concepts, and axonometric diagrams are digital.  The format should be in .pdf format, the file name should be the student's name.  Required content:  - after-use schematic drawing  - axonometry  - conceptual diagrams  - site plan 1:500  - floor plan of all different levels 1:200  - 2 sections 1:200  - main wall section with rotated facade view 1:50  - facades 1:200  - min. 3, max. 4 views  - mass model 1:333, showing also the facade structure  Short oral feedback and score, maximum 60 points  Evaluation criteria:  - According to the output competencies of the topic | | |  |
| 20 | 16 | FINAL PRESENTATION FOR GRADE - RETAKE | | | |  |

Erzsébet Szeréna Zoltán

course director

Pécs,01.09.2022