# General Information’s:

**Curriculum:** Interior and Spatial Design MA

**Name of Course: Design 3.**

**Course Code:** EPM019AN

**Semester:** 3

**Number of Credits:** 6

**Allotment of Hours per Week:** 8 lab

**Evaluation:** mid-term grade

**Prerequisites:** Design 2.

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## General Course Description

Within the framework of the subject, students get acquainted with complex design processes and general issues related to them through modern and iconic interior design projects: program creation, concept creation, concept development and plan presentation. The course acquaints students with the requirements of the interior design of public buildings, with modern materials, technologies and design solutions that can be used in interior design. During the semester, students solve several tasks related to the subjects of the semester.

## Learning Outcomes

The aim of the course is to develop a correct and modern way of thinking and behavior with the help of contemporary examples in addition to the acquisition of basic knowledge. Theoretical and practical mastery of the modern design of interiors, the method and principles of interior design, the creation and development of one's own design methodology, with great emphasis on health, well-being, and sustainability, examining the relationship between the interior, people and their environment. Another goal is the methodological development of technical representation, modeling, and the practice of design presentation.

## Subject content

The semester covers the topic of interior design of modern public buildings. Students will gain insight into the world of newly introduced materials (sustainable, intelligent structural materials and claddings), technological innovations that can be used in interior design, and their impact on global sustainability.

In parallel with the acquisition of the theoretical knowledge necessary for the creative process of design, we develop the students' instinctive value judgment, sense of form and creative ability in practical classes in real environment, through the solution of real example tasks. The development of design ideas is supported by group discussions, lectures, project presentations, and site visits. During the project-based training, the topic of the subject is different during each semester, however, the focus of the semester task is always centered around the public buildings. The aim of the selected projects is to cover the problems of architecture - interior design - furniture design - fine arts - object-creation in a complex way, to search for the widest possible spectrum of co-arts in concrete design work, and to explore, model and learn the real creative processes.

During the group session, the practice leaders help to master the analysis and methods of the design process.

The assignments and requirements are published according to the subject matter, which are uploaded on the **Neptun Meet Street / MS Teams** interfaces of the subject. Information related to the subject will also be available on these interfaces.

Lecture: 1

Practice: 7

Laboratory Practice: 0

**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/current-students/information-related-your-studies/codes-and-guidelines*](https://international.pte.hu/current-students/information-related-your-studies/codes-and-guidelines)

**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: register, task presentation according to schedule

**Assessment**

Course resulting in mid-term grade (CSE 40§(3))

**Mid-term assessments, performance evaluation and their ratio in the final grade**

|  |  |  |
| --- | --- | --- |
| **Type** | **Assessment** | **Ratio in the final grade** |
| *Midterm presentation* | *30 points* | *30 %* |
| *Final presentation* | *60 points* | *60 %* |
| *Attandance (active)* | *10 points* | *10 %* |

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

The specific regulations for improving grades and resitting tests must be read and applied according to the general Code of Studies and Examinations.

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

By providing the signature, the instructor certifies that the student has fulfilled his/her mid-term obligations:
-attended classes (prepared for classes according to the syllabus/timetable)
-complied with the requirements of the course
-complied with the formal/architectural content requirements (all parts of the work have been completed and/or corrected)

If these are fulfilled, the signature will be given
-term work will be graded.

The signature only certifies the above, the architectural content will be assessed with a grade out of 5 (1,2,3,4,5).

**Re-takes for the end-of-semester signature (CSE 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.

**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, satisfactory | D, pass | F, fail |
| Performance in % | 85%-100% | 70%-84% | 55%-69% | 40%-55% | 0-39% |

Please note that attendance will adversely affect one's grade, both in direct grade reduction and in missing work in the development of a project. The final grade will be based on the following guidelines:

**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.

**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.

**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.

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

**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.

## Readings and Reference Materials

Required:

[1.] [Julius Panero, Martin Zelnick (1979) Human Dimension and Interior Space: A Source Book of Design Reference Standards ISBN 0823072711. Watson-Guptill](http://joom.ag/WYhb)

Recommended:

[2.] [E.Neufert, P. Neufert (2002). Neufert Architects' Data](http://joom.ag/0Lhb)

[3.] Chris Grimley, Mimi Love, Interior Design, Rockport Publishers 2018, ISBN 978-1-163159-380-2

[4.] Malcomme Innes, Lighting for interior design, Laurence king publishing ltd 2012, ISBN 978-1-85669-836-8

[5.] HAIKE FALKENBERG, Interior Gardens: Designing and Constructing Green Spaces in Private and Public Buildings, Birkhäuser, Basel, Switzerland, 2011, ISBN 9783034606202

[6.] SASCHA PETERS, Material Revolution: Sustainable Multi-Purpose Materials for Design and Architecture, Birkhäuser 2011, ISBN: 9783034606639

[7.] Zalavári József A forma tervezése, Scolar kiadó, 2008, Budapest, ISBN 978-963-244-044-6

[8.] Csíkszentmihályi Mihály, Eguene Halton, Tárgyaink tükréban,Libri kiadó, Budapest, 2011, ISBN 978-963-310-069-1)

## Methodology

The course is based on individual architectural skills with regular consultations and presentations.

The studio will provide an opportunity through the semester-long design problem for you to engage disciplinary discussions of structure (form/force/material) and skin (layering/articulation/performance) as the basis for a formal design project.

**Studio Culture:**

The course is based on through collaboration, participation and discussions trough 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 paper-roll, scale-ruler, sketchbook, pencils, pens, rulers, carton paper for modelling, notebook, internet.)

**Attendance:**

Attending is required all classes and will impact the grade (max. 10%). Unexcused absences will adversely affect the grade, and in case of absence from more than 30% of the total number of 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.

**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.

**Legend:**

***drawing materials for the consultation*** – it has to be uploaded to the personal online booklet till one day before the next consultation

***model for the consultation*** – it has to be prepared till the consultation. New model is required for every single consultation and have to present them in the critical consultations and final presentation

***Important:*** the presence at the consultations is valid just in that case if you uploaded sketches and drawings and prepared the current model!

## Methodology and criteria:

*“Beautiful offers us an invitation to order, coherence and unity. When these needs are met, the soul feels at home in the world.” - John O'Donohue*

The problem solving method used by the students models the real design process (complex problem approach = parallel analysis of function-structure-form), but also reflects the academic nature of university-level studies (research-analysis). The aim is to strengthen teamwork and to benefit from its advantages.

The semester task is to work through the following three phases:

***MODULE 1: Sustainable Design***

*Attending a series of lectures, applying the knowledge gained to the design of the semester.*

***MODULE 2 - Analysis and concept phase***

*In the first half of the semester, students will be introduced to sustainable interior design solutions supported by lectures, which they will apply and integrate into their analysis of their assignment in practical lessons in this module. In the context of experimental design and modelling, they will create modern public interior spaces, concluding with empirical findings that will form the basis for the development of a specific design concept. At the end of the conceptual design phase, the design brief should be presented through various diagrams, drawings and possibly working model photographs. The documentation of the creative thinking process is essential for successful communication.*

***MODULE 3 - Planning phase***

*The second half of the semester is the time to unpack and specify the plan. By the end of the semester, the interior design (building) is clearly defined. The interior design and the system of structural connections are worked out. The documentation will include drawings at M:1:50 scale, a site plan showing the layout, perspective views and a phisical model. Non-completion of any part of the work will be considered as a fail, therefore it is not evaluated and the work is not considered as completed. The assignment also includes the presentation of updated concept drawings, with a visual and understandable presentation of the development.*

*Each phase should be discussed at 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 problems identified*

*- independent analysis of the problems identified*

*- collective discussion - presenting and discussing the work done in class, raising any problems that have not yet been identified, analysing possible answers to the problems identified*

*Detailed syllabus and requirements*

*During the semester, students are introduced to the interior design of exhibition spaces, museums. Design is rarely a lonely process, so the task will be solved as a result of group work. Groups will be formed of 3 students.*

*Our aim is to challenge students in real-life situations during their master studies. Therefore, this semester, the student groups will participate in an international student competition:* ***'Museum of Emotions'*** *(application form attached to the syllabus)*

*It is part of the semester's fulfillment of the students, to submit a completed application via the* ***Bee Breeders*** *(****BUILDNER****) website:* [*https://architecturecompetitions.com/museumofemotions2/*](https://architecturecompetitions.com/museumofemotions2/)

***Deadline for registration:01.12.2022-Deadline of the submission: 06.01.2023***

*The task focuses on the interior design, but its projection on the façade should not be forgotten in the creation of the interior design concept and the construction plans - the students are responsible for composing the openings in the silhouette and for designing the use of materials on the exterior of the building in a way that refers to the spirit of the materials and solutions used in the interior design.*

*Students will carry out detailed research before starting the design:*

*- sustainable design, sustainable use of materials, sustainable interior design solutions*

*- about the topic of the competition*

*- searching for the exact location of the house*

*As a summary of the research, a design concept is created in the light of sustainability, needs, location and illustrated with concept diagrams. This will be the series of diagrams that the students will unpack over the semester, and they will be able to refer back to these basic concepts whenever questions arise in the details.*

*The minimum content of the concept diagrams (graphically represented): who, why, where, how (sustainability is part of it) the plan is made.*

*In the next phase of the semester, the concept unfolding will be the task of the student groups, concluding with the preparation of an interior design concept plan. In week 9, the groups will make presentations to the tutors and to each other during class time.*

*After the interior design concept plan, the groups will develop the final interior design plan of the design concept, which will also be built in the form of a physical model. The materials used in the plans should be illustrated in abstract form on the model. A photograph of the mock-ups should be taken and included as a visualisation plan in the end-of-semester submission (example uploaded).*

*In the 13th week, the students, together with the tutors, will choose which parts of the work will be presented in the competition submission material and will also consult the poster. By the end of class in week 14, students will upload and finalise the application material on the application page Bee Breeders.*

*In week 15, groups will present their final work in the form of a digital (PPT) presentation. The presentation must include all the work elements listed in the course theme. Along with the presentation, students must print the competition sheet and bring the completed physical model to the presentation.*

**Tasks and minimum requirements:**

***MODULE 1.:***

*Lectures on sustainable design by Dr. András Reith*

***MODULE 2.*** *minimum technical and design requirements for the task:*

*To be submitted:*

*Conceptual presentation of the interior design, including its impact on the exterior*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimised, stapled pdf):*

*Minimum content:*

*- series of diagrams and drawings illustrating the analysis aspects and reference points*

*- as many site and environmental analyses as necessary*

*- series of diagrams, drawings illustrating concepts*

*- spatial planning, environmental and conceptual design*

*- site plan, layout drawing m 1:500, m 1:250*

*- floor plans, including close environment m 1:100*

*- required number of wall views 1:100*

*- 3D vizualization min:3 pcs.*

***MODULE 3.*** *minimum technical and design requirements for the task:*

*To be submitted:*

*COMPETITION MATERIAL*

*Final design, phisical model*

*Paper-based: application file*

*On a digital basis in MS TEAMS: A/4 format in a digital booklet (optimised, stapled pdf).*

*Minimum content:*

*- Site plan (with wider surroundings) m1:500, m1:250 in consultation with the supervisor*

*- Concept diagrams*

*- Floor plans m1:50*

*- Paving layout plan m1:50 (if relevant)*

*- Ceiling, lighting plan m1:100*

*- Wall views (min 8, required for understanding) m1:50*

*- Detail drawings m1:10, m1:5*

*- Façades - in consultation with the supervisor m 1:200*

*- Sketches, renderings (exterior and interior), photograf from the phisical model, with Photoshop refinement*

*- Supplementary diagrams, photos*

*- Phisical model*

## Schedule

|  |
| --- |
| Lecture  |
| week | **Topic** | **Compulsory reading; page number****(from … to …)** | **Required tasks (assignments, tests, etc.)** | **Completion date, due date** |
| 1. | Semester welcome speech, introduction to the semesterdr. András Reith:Sustainable interior design and architecture (13.15-16.30 - shortened class) |  | Class attendance |  |
| 2. | dr. András Reith:Sustainable interior design and architecture (13.15-16.30 - shortened class) |  | Class attendance |  |
| 3. | dr. András Reith:Sustainable interior design and architecture (13.15-16.30 - shortened class) |  | Class attendance |  |
| 4. | Introduction the semester task |  |  |  |
| 5. |  |  |  |  |
| 6. |  |  |  |  |
| 7. |  |  |  |  |
| 8. |  |  |  |  |
| 9. |  |  |  |  |
| 10. |  |  |  |  |
| 11. |  |  |  |  |
| 12. |  |  |  |  |
| 13. | - |  |  |  |
| 14. | - |  |  |  |
| 15. | - |  |  |  |

|  |
| --- |
| Practice/Laboratory Practice |
| week | **Topic** | **Compulsory reading; page number****(from … to …)** | **Required tasks (assignments, tests, etc.)** | **Completion date, due date** |
| 1. | - |  |  |  |
| 2. | - |  |  |  |
| 3. | - |  |  |  |
| 4. | ResearchTeam registration:<https://architecturecompetitions.com/museumofemotions2/>research and analysis of examples: e.g. Daniel Libenskind Jewish Museum Berlin<https://www.jmberlin.de/en/libeskind-building> |  | A summary essay: - on sustainable design, sustainable use of materials, sustainable interior design- about Las Vegas- finding the exact location for the house- find the target group of people who would move in - define the client precisely | Beginning of class week 5  |
| 5. | Concept figures/ Analysis |  |  |  |
| 6. | Concept plan m1:200 drawings |  |  |  |
| 7. | Concept plan m1:200 drawings |  |  |  |
| 8. | MIDTHERM presentation |  | Digital presentation with content on the syllabus | Week 8 by 12.00 noon each team must upload their presentation to MsTeams |
| 9. | Fall break |
| 10. | Wall views M1:50, Detail drawings M1:25 |  |  |  |
| 11. | Wall views M1:50, Detail drawings M1:25, consultation of the physical model -use of material  |  |  |  |
| 12. | Furniture plan detail consultation, lighting plan consultation M1:50 M1:10 1:5consultation of the physical model |  |  |  |
| 13. | Furniture plan detail consultation, lighting plan consultation M1:50 M1:10 1:5consultation of the physical model, Poster consultation |  |  |  |
| 14. | Submission of competition material |  | As specified in the call of the competition. In consultation with the supervisor Using a coherent graphic design approach. | Uploaded until week 14 until 20.00:<https://architecturecompetitions.com/museumofemotions2/> |
| 15. | Final presentation |  | Digital presentation with the contetnts of the syllabus | Week 15 by noon each team must upload their presentation to MsTeams |

 Donat Rétfalvi dr.

 course director

Pécs,01.09.2022