# General Information:

**Curriculum:** Architecture OTM 9, Architecture Msc 3, Interior and Spatial Design MA 1

**Name of Course: Lectures on Theory of**

**Architectural Design 1.**

**Course Code:** EPM069ANMU

**Semester:** 9, 3, 1

**Number of Credits:** 3

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

**Evaluation:** examination grade

**Prerequisites: -**

Course director: Dr. Tamas RACZ

Office: 7624 Magyarország, Pécs, Boszorkány str 2. E-81

E-mail: racz.tamas@mik.pte.hu

Instructors: Dr. Tamas RACZ

Office: 7624 Magyarország, Pécs, Boszorkány str 2. E-81

E-mail: racz.tamas@mik.pte.hu

## General Course Description

## The course is intended for master students on Architecture and Interior Design Program planning to conduct high level discussion and argument about the possibly design methodologies in architectural design. Providing theoretic assistance in the design procedures during studies and later. A series of architectural projects, focusing on aspects, elements or units of architecture for developing of conceptual thinking in architecture. Explores diverse contemporary issues with focus on coherences between building, attitudes and theory.

## Learning Outcomes

## Upon completion of this course the student should be able to:

## Interpret

## the differentiate trends in architecture theory,

## design techniques,

## communication techniques,

## environment design and the contemporary state of architecture

## Apply and employ their individual creativity

## Analyse the design problems and the built environment

## Design and show a presentation

## Subject content

Having acquired a sound knowledge of basic design principles and methods in ‘Lectures on Theory of Architectural Design 1.’ courses students explore a wider context of architectural design methods with special emphasis on social, sociological and settlement structure implications. The aim of the course is to acquaint students with the design principles and methods of historical and contemporary design ateliers. It will enable them to analyze and see architectural objects in the context of the history of architecture and to put architecture in the wider context of urban design and sociology. Students are encouraged to find and combine methods and form concepts for particular design tasks.

The Course includes:

- Regular (weekly) lectures.

- Continuously communication and discussion between the Attendance and Lecturer. Common evaluation.

**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 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.

The method for monitoring attendance is an attendance sheet.

**Assessment**

**Mid-term assessments, performance evaluation and their weighting as a pre-requisite for taking the final exam**

|  |  |  |
| --- | --- | --- |
| **Type** | **Assessment** | **Ratio in the final grade** |
| *abstract* | *max 15 points* | *15 %* |
| *essay* | *max 60 points* | *60 %* |
| *presentation* | *max 25 points* | *25 %* |

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

Criteria of absolving the semester is to have all tasks accepted.

***Re-takes for the end-of-semester signature (****PTE TVSz 50§(2))*

On all submissions: not on time submitted work should be submitted on the next class!   
Unaccepted or missed presentations can be made up on the 14th week.   
Late submission of the Essays could be made on the 14th week with no negative consequences.   
Late-after-late submission of the Essay could be made on the 16th week but results in 30% fewer points.

**Type of examination** (written, oral): written

The exam is successful if the result is minimum 40 %. (The minimum cannot exceed 40%.)

**Calculation of the grade (TVSz 47§ (3))**

The mid-term performance accounts for 100 %, the performance at the exam accounts for 0 % in the calculation of the final grade.

**Calculation of the final grade based on aggregate performance in percentage**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade: | 5 | 4 | 3 | 2 | 1 |
|  | A, jeles | B, jó | C, közepes | D, elégséges | F, elégtelen |
| Performance in % | 85%-100% | 70%-84% | 55%-69% | 40%-54% | 0-39% |

## Readings and Reference Materials

In order of relevance.

1. Le Corbusier – Towards a New Architecture – Dover Publications NY, USA (1965)
2. NEUFERT, Ernst – Architect's Data - 4th edition– Wiley –Blackwell, Chichester,UK (2012)
3. MUMFORD, Lewis – The city in history: its origins, its transformations, and its prospects - Harcourt, Brace & World, NY, USA (1961)
4. CLARK, H. Roger, PAUSE Michael - Precedents in Architecture – Analytic Diagrams, Formative Ideas, and Partis – ISBN 978-0-470-94674-9, Wiley, USA, (2012)
5. JANSON, Alban, TIGGES, Florian - Fundamental Concepts of Architecture – The Vocabulary of Spatial Situations – ISBN 978-3-0346-0892-3, Birkhauser, Basel (2014)
6. McCOY Esther - Case Study Houses 1945-1962, ISBN 0-912158-71-9, Honessey + Ingalls, USA, (1962)
7. ROSENKRANZ, Karen – City Quitters, Creative Pursing Post-Urban Life – ISBN 978-94-92311-31-8,
8. FRAME Publishers, Amsterdam (2018)
9. Architectural websites: El croquis, U+A, JA, Domus, Abitare, AR, A10, Atrium, Hauser, Detail,

## Methodology

The course is based on continuous discussions and examination of case studies, actual topics, and non-conventional situations in architecture as precedence. The student’s verbal feedback is required.

Methods:

1. discussion and lectures about architecture theory

2. aesthetic, visual presentation methods

3. architecture history, contemporary architecture of design in urban situation

4. sustainability and solidarity in design

5. communication-developing in an oral and written way

## Students with Special Needs

Students with a disability and needs to request special accommodations, please, notify the Dean's 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*

**Tasks and minimum requirements**

Requirements of the Essay (form and content):

* Portrait A/4 format
* Regular table of contents, introduction, body paragraphs, conclusion, regular list of references, and bibliography, with references on images.
* min. 8 written pages without the table of contents, images, diagrams, etc. (cca. 16.000 characters without spaces)
* Visual appearance of the Essay also counts in the evaluation, please be aware of it. Any deviation from the formal requirements can make the Essay unaccepted.

Formal requirements of the Presentation:

* Conclusion, visual extract of the Essay
* approx. 15 min. duration
* Visual and graphical quality also important during the evaluation.

**Possible** topics for the Essay

* Movements – breakthroughs – results – consequences in Residential building design
* European and American scale’s comparison. Where is the root of sizes?
* How apartments will change in future? – early utopias, theories of nowadays, capsules to live in, "parasite-houses", The city from a low perspective. The city from above.
* Modern living spaces. Forms in the 1960’s and in the 70’s. Interior design and furniture. Time travelling on the axis of visual design.
* After Disasters. Architecture of mobile-homes and temporary homes.
* The Intelligent house. Social utopias, theories. How future can be imagined?
* Visual communication in residential buildings. Presentation or representation?
* The history of living
* Bauhaus / Mid-century modern – how they changed the way of living

## Schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lecture | | | | |
| week | **Topic** | **Compulsory reading; page number**  **(from … to …)** | **Required tasks (assignments, tests, etc.)** | **Completion date, due date** |
| 1. | Introduction about the time schedule of the semester and about the tasks.  Lecture - The role of villages towns and cities in the changing world of 21st Century | Mumford p.3-55, 158-183, 568-578 |  |  |
| 2. | Consultation on the investigation of chosen topics |  | Choosing topic | On class |
| 3. | Lecture - Definition and history of living spaces and homes. Traditional architecture on different parts of the World. Living space progression on experience. Psychical, Physical, Social attributes, effects | Neufert p.135-166 |  |  |
| 4. | Consultation on the investigation of chosen topics. Rules of References |  |  |  |
| 5. | Lecture - Small living spaces. Minimal areas. Boundaries of empty spaces. Optimization on floorplans. Minimum living spaces.  Consultation on the investigation of chosen topics. | Le Corbusier p. 9-65. 149-224. |  |  |
| 6. | Submission of Abstracts  Consultation on the investigation of chosen topics |  | Abstract submission. Required parts: abstract, table of contents, bibliography/ references | October 10. 23.59 – on Teams |
| 7. | Lecture - The CIAM Congress. Congresses between the world wars – living space developments and questions. Experimental residential areas.  Late Submission of Abstracts | Le Corbusier p. 224-289. | Abstract late submission. Required parts: abstract, table of contents, bibliography/ references | October 17. 23.59 – on Teams |
| 8. | Consultation on the investigation of chosen topics |  |  |  |
| 9. | Student Presentations |  |  |  |
| 10. | Student Presentations |  |  |  |
| 11. | Student Presentations |  |  |  |
| 12. | Student Presentations  Submission of Essays |  | Submission of Essays | November 21. 23.59 – on Teams |
| 13. | Student Presentations |  |  |  |
| (14.) EP-1 | Late Student Presentations  Late Submission of Essays |  | Late Submission of Essays | December 5. 23.59 – on Teams |
| (15.) EP-2 |  |  |  |  |
| (16.) EP-3 | Late-after-late submission of Essays (max 70%) |  | Late-after-late submission of Essays (max 70%) | 2022. December 19. 23.59 – on Teams |

Dr. Tamas RACZ

course director

Pécs, 30.08.2023