

General Information:

Name of Course:

DESIGN METHODS 1.

Course Code:

PM-RTENE030A

Semester:

7th

Number of Credits:

2

Allotment of Hours per Week:

2 Lectures / Week

Evaluation:

Exam

Prerequisites:

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Instructors:

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Introduction, Learning Outcomes:

The course is intended for master students on Architecture 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.

The course will focus on:

- Familiarizing students with architectural design methods, especially with conceptual work in progress and its units
- Examine and exploring of meaning and rules of 'publicity' in Architecture
- Providing participants to consider understanding of the possibly fundamentals in architecture and focusing on the logic of their argument and methodologies
- Making students aware of the today's phenomena in architectural design are closely linked to theoretical and conceptual issues

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

1. Interpret
 - a. the differentiate trends in architecture theory,
 - b. design techniques,
 - c. communication techniques,
 - d. environment design and the contemporary state of architecture
2. Apply and employ their individual creativity
3. Analyse the design problems and the built environment
4. Design and show a presentation

General Course Description and Main Content:

Having acquired a sound knowledge of basic design principles and methods in 'Design Methods' 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 analyse 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.
- 4 short presentation events (but only one per person, have to choose the topic at the first class) by Students based on the instructions of the Lecturer.

Methodology:

The course is based on continuously discussions and examine 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 oral and written way

Schedule:

The rough outline of the schedule is as follows:

Week 01(2018 09 06): General information. Concept of the semester.

Week 02 (2018 09 13): Unknown Unit in Design Procedures. Green Urbanity.

The definition of 'Green Urbanism' has to be introduced into the glossary of architecture.
What is meant by 'Urban Public Space' and 'Green Public Space' in Pécs?
Common examination of the Széchenyi Square and St. István Square.

Week 03 (2018 09 20): The Fundamental Units of Architecture.

Architecture from the Kitchen. Recipes in Architecture?
Programming Architecture. Possible units in design procedure, the 5 Points of Corbu', and more.

Week 05 (2018 10 04): Concept Again.

Conceptualization is part of the creative process in the fields of applied arts – and architecture is not an exception – even if the work is created by using mainly intuitive methods.

Case studies:

- Residential building design with really well understandable visual effects.
- Fruit- Drying House
- Steam Bath in Szolnok, Hungary

Week 07 (2018 10 18): The fundamental Units of Architecture.

Idea as possibly unit, and it's real contain.

Common discussion and evaluation trough case studies:

- Architectural Centre
- Wine Incubator House and Research Centre

Week 08 (2018 10 25): The Bilbao Effect.

Urban innovation and possibly elements.

The 'Wow Factor'

Common discussion and evaluation trough case studies:

- The Bilbao Effect

Week 09 (2018 11 01): Official Free Week

Week 10 (2018 11 08): Presentation of Homework 'A' in 6 minutes (is available for 10 Students)

Students, who have been chosen this homework is signed with 'D', have to prepare and show a presentation in 6 minutes.

Topic: **WHAT ARE THE FUNDAMENTAL UNITS OF YOUR ARCHITECTURE?**

The question has to be answered through a previous design project from the Presenter's university studies with high level (re)graphics, in max. 8 slides, but only about basic elements, has to be shown the fundamentals of the logics and roles of the decisions.

For help: <http://conceptdiagram.tumblr.com/>

General questions for answering:

- What are your individual elements, have been characterised your project, and had role during the design procedure?
- What is the importance of giving the actual decision, or staying at manifestos in design procedure? Is there any balance between them?
- What is the responsibility of anybody who add something to the built environment as professional person? What is the role of human being, designer's personality, or business? Is there any balance between them?
- What are the 5 keywords of your work in conceptualization?

Week 11 (2018 11 15): Presentation of Homework 'B' in 6 minutes (is available for 10 Students)

Students, who have been chosen this homework is signed with 'B', have to prepare and show a presentation in 6 minutes (not more, and not less).

Topic: **WHAT IS 'GUERRILLA ARCHITECTURE'?**

Questions for answering:

- What is the possibly meaning of 'guerrilla attitudes' in public arts, literature, final arts, etc? Is it a tendency or better to tell that attitude?
- What might cause this kind of phenomena in contemporary public spaces?
- What is the responsibility of anybody who add something to the built environment as professional person?

What are the 5 keywords of your work?

Week 12 (2018 11 22): Presentation of Homework 'C' in 6 minutes (is available for 10 Students)

Students, who have been chosen this homework is signed with 'C', have to prepare and show a presentation in 6 minutes (not more, and not less).

Topic: **WHAT IS 'AGRI-TECTURAL ATTITUDE IN DESIGN'?**

Questions for answering:

- What is the possibly meaning of 'green urbanity' – out of architecture - in public arts, object design, final arts, etc? Is it a tendency or better to tell that attitude?
- What might cause this kind of phenomena in contemporary urban design?
- What is the responsibility of anybody who add something to the built environment as professional person? Is experiencing allowed?
- What are the 5 keywords of your work?

Week 13 (2018 11 29): Cancelled meeting

Week 14 (2018 12 06): Presentation of Homework 'D' in 6 minutes (is available for 10 Students)

Students, who have been chosen the homework is signed with 'A', have to prepare and show a video- presentation in 6 minutes.

Topic: **'FROM SZÉCHENYI SQUARE TO ST. ISTVÁN SQUARE' ALL ABOUT URBAN PUBLICITY'**

Questions for answering:

- What is the quality and architectural meaning of publicity (urban aspects) at these squares in your opinion? Why do citizens (users, locals, tourists etc.) like it (them)?
- What is the role of greenery in case of this squares in general?
- How is a good urban space in general? What are the possibly units during its' design procedure?
- What are your architectural recommendations for the City Government for being more optimal in publicity at the Squares? Do you have general consequence?
- What are the 5 keywords of your work?

Studio Culture:

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.

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.

The highest possible grade on the late projects is '2', read the rules below.

The subject includes for being passed:

1. Short Oral Presentation.
One per person, the topic has to be chosen and accepted by the Lecturer 'till the 6th class, has to be presented by Students in fixed time during the semester.
General request: do not use Google or only internet for searching the solution, we need your personal statements!
2. Written Essay about the chosen topic, has been presented before
The essay contains min. 5.000 characters, has to be written in accordance of the rules of essay- writing.
H to be offered in digital form 'till the end of the 2nd week of the actual exam period, at the address medvegygabriella@mik.pte.hu

The Oral Presentation can be repeated at the 1st week of the actual exam period if it's necessary.
Late presenting is possible only at the same date, the maximum available grade is '2' in this case, out of written notice about illness by Medical Person. The Written Essay can be developed after evaluating by Lecturer 'll the end of the next week, directly if the grade is visible at NEPTUN System.

Evaluation + Grading:

Grading will follow the course structure with the following weight:

1. Oral Presentation (homework 'A' or 'B' or 'C' or 'D') - 30%,
General criteria of evaluation:
 - The scale of the presentation (1-10)
 - Clear verbal and visual communication (1-10)
 - Observance of the available time interval (1-10)
2. Written Essay - 60%
General criteria of evaluation:
 - Staying in form the official essay writing (1-10)
 - The scale of the architectural value, the value of own consequences and conclusion (1-50)
3. The remaining 10% will be assessed according to participation, progress, effort and attitude. 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.

Grading Scale:

Numeric Grade:	5	4	3	2	1
Evaluation in points:	89%-100%	77%-88%	66%-76%	55%-65%	0-54%

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.

Readings and Reference Materials:

- CLARK, H. Roger, PAUSE Michael - Precedents in Architecture – Analytic Diagrams, Formative Ideas, and Partis – ISBN 978-0-470-94674-9, Wiley, USA, (2012)
- JANSON, Alban, TIGGES, Florian - Fundamental Concepts of Architecture – The Vocabulary of Spatial Situations – ISBN 978-3-0346-0892-3, Birkhauser, Basel (2014)
- McCOY Esther - Case Study Houses 1945-1962, ISBN 0-912158-71-9, Honessey + Ingalls, USA, (1962)
- ROSENKRANZ, Karen – City Quitters, Creative Pursing Post-Urban Life – ISBN 978-94-92311-31-8, FRAME Publishers, Amsterdam (2018)