# General Informations:

**Curriculum: Furniture and Object Design**

**Name of Course: FURNITURE AND OBJECT DESIGN STUDIO, FURNITURE AND OBJECT DESIGN**

**Course Code:** EPM023AN-GY-01, EPE237AN-LA-01

**Semester:** 1

**Number of Credits:** 5, 3

**Allotment of Hours per Week:** 4 practice / 2 lab

**Evaluation:** mid-term grade

**Prerequisites:** No

Course director: Dr. Norbert VASVÁRY-NÁDOR, assistant professor

 Office: 7624 Magyarország, Pécs, Boszorkány str 2. C.0027

 E-mail: vasvary-nador.norbert@mik.pte.hu

Instructors: Kata VARJÚ, Phd hallgató

 Office: 7624 Magyarország, Pécs, Boszorkány u. 2. B327

 E-mail: varjukata21@gmail.com

 Nicolas RAMOS GONZALEZ, DLA hallgató

 Office: 7624 Magyarország, Pécs, Boszorkány u. 2. É81

 E-mail: ramos.gonzalez.nicolas@mik.pte.hu

## General Course Description

*The design industry has responded to almost every structural challenge and has invented everything. The course helps students to find, organize and view these existing informations. Our institution has a close relationship with the most important representatives of the interior design industry, material manufacturers and design companies. Through this collaboration students can get up-to-date infor-mations. This give us the opportunity to base our teaching on the most advanced development results. During the semester they can also view certain lighting projects „in-situ”. Students are given the opportunity to consult professional firms within the practical lessons.*

*We are looking for answers to questions like: Interiors, colors, psychic effects and their conscious use. The quality and impact of space material on the user and conscious use of natural and artificial lighting.*

In this subject the focus is in the development in-depth project in order to allow the students in the understanding the form, integration and material through the exploration of new techniques and start to develop their personal products design direction. In consequence, the course underlines the communication an awareness of the commercial potential of the students works and the wide ranging career possibilities for the future.

## Learning Outcomes

Furniture and Object Design course combines a number of practical and theoretical activities within the semester. These include research, concept development, technical and manufactural knowledge, creativity, presentation and communication skills. A vital element of object design education is its role in preparing students for a career in industry. So, they will received throughout the semester the outcomes of experience instructors, who are active designers, who will bring in the classroom their extensive experience in the field. Creating the bridge between industry and education through a variety of activities, such as a study trips.

## Subject content

Lecture: 2

Practice: 2

Laboratory Practice: 2

During the semester, the Furniture and Object Design and Furniture and Object Design Studio courses are combined. Within the framework of the Furniture and Object Design Studio course, the student will become familiar with basic and complex furniture constructions, wood products, structural solutions and their documentation requirements. Furniture and Object Design transfers theoretical knowledge into practice.

Assignments and requirements are issued according to the topics and are uploaded to the course's Neptun and MS Teams interfaces. Information related to the subject will also be available on these platforms.

**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%25202022_06_23_ENG.pdf)

Students have to participate on the lectures and on excursions. Unexcused absences will adversely affect the grade, and in case of absence from more than 30% of the total number of lessons, the student will fail the course. It is required to be in class at the beginning and stay until the scheduled end of the lesson, tardiness of more than 20 minutes will be counted as an absence. In the case of sickness or family emergency, the student must present a valid certificate.

**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: every class the instructor will present the attendance sheet which must be signed by each students.

**Assessment**

*A.) Course resulting in mid-term grade (PTE TVSz 40§(3))*

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

Furniture and Object Design Studio:

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| BTS | **Típus** | **Értékelés** | **Részarány a minősítésben** |
| *1 ciklus* | *40 pont* | *40%* |
| *2 ciklus* | *30 pont* | *30%* |
| *3 ciklus* | *30 pont* | *30%* |

Furniture and Object Design:

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| --- | --- | --- | --- |
| BT | **Típus** | **Értékelés** | **Részarány a minősítésben** |
| *1 ciklus* | *40 pont* | *40%* |
| *2 ciklus* | *30 pont* | *30%* |
| *3 ciklus* | *30 pont* | *30%* |

**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**

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

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

## Readings and Reference Materials

Required:

[1.] Lawson Stuart, “Furniture Design: An Introduction to Development, Materials and Manufacturing”, Laurence King Publishing Ltd 2013, ISBN: 978-1-78067-120-8

[2.] Fiell Charlotte and Peter, “Design of the 20th Century”, Taschen, printed in Germany 1999, ISBN: 3-8228-5873-0

[3.] Orrom James, “Chair Anatomy: Design and Construction”, Publishing by Thames & Hudson Ltd 2018 in London, ISBN: 978-0-500-29594-6

Recommended:

[4.] Sam Booth, Drew Plunkett, “Furniture for interior design”, Laurence king publishing Ltd 2014, ISBN 978-1-78067-322-6

[5.] Fiell Charlotte and Peter, “Industrial Design A-Z”, Taschen, printed in China 2006, ISBN: 3-8228-5057-8

## Methodology

The course is based on continuous communication between teachers and students. For that reason, the professors will guide the students during the class through workshops and consultations showing different approaches to the object in developing.

The methodology:

 1. Regular consultation during class time according to the syllabus announced in the detailed course programme.

 2. Independent work during class time.

 3. Independent work at home.

 4. Independent research, data collection and analyses.

*Detailed requirements and schedule of the Course*

See also – MS Teams – detailed semester task description

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| időbeosztás | BTS (Furniture and Object Design Studio) | BT (LAB/ WORKSHOP) |
| week 1 | Le: Description of the semester, tasks, deadlines and timetable, list of tools neededP: Preparation of concrete model mould |

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| creating a concrete base plate |
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| week 2. |

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| Le: model - methodological basics, tools, materials and their application, methodologyP: preparation - editing the side walls of walls and pillars for cutting out  |
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| Cutting and gluing of prepared walls and pillars |
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| week 3. |

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| Le: Materials, wood products and their applications, basic furniture constructionP: preparation - editing the side walls of walls and pillars for cutting out |
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| Cutting and gluing of prepared furniture pieces |
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| week 4. | MIK Partners - no lectures, attendance at the MIK Partners event is mandatory | independent work, completion of a 1:20 scale model |
| week 5. |

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| Le: Complex furniture structures, structural details, and production plansP: Processing of the structural details of the table (scale 1:5) based on provided structural photos |
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| modelling of 1:5 scale table |
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| week 6. | Le: -P: Processing of the structural details of the table (scale 1:5) based on provided structural photos |

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| modelling of 1:5 scale table |
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| week 7. | Le: -P: Processing of the structural details of the table (scale 1:5) based on provided structural photos  | modelling of 1:5 scale table  |
| week 8. |

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| Le: -P: drawing of additional structural details based on provided photos (4 photos, 1 piece 1:1 or 1:2 detail and 1 axonometry/ photo) |
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| Modelling of structural detail prepared during Phase 2, scale 1:1 |
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| week 9. | PhD szimpózium | PhD szimpózium |
| week 10. |

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| Le: -P: drawing of additional structural details based on provided photos (4 photos, 1 piece 1:1 or 1:2 detail and 1 axonometry/ photo) |
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| Modelling of structural detail prepared during Phase 2, scale 1:1 |
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| week 11. |

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| EA: -drawing of additional structural details based on provided photos (4 photos, 1 piece 1:1 or 1:2 detail and 1 axonometry/ photo) |
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 | Modelling of structural detail prepared during Phase 2, scale 1:1 |
| week 12. | Consultation, presentation of semester's work, final touches, graphics | Consultation, presentation of semester's work, final touches |
| **week 13.** | **SUBMISSION / BEADÁS** | **SUBMISSION / BEADÁS** |
| week 14. | RETAKE / PÓTBEADÁS | RETAKE / PÓTBEADÁS |

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 Varjú Kata

 course director

Pécs, 05/09/2023