# 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

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## General Course Description

The design industry has now answered almost every structural challenge and invented everything. This course helps students to find, organize and review this existing information. Our institution has close links with key representatives of the interior design industry, material manufacturers and design companies. Through this cooperation, students can access up-to-date information. This gives us the opportunity to base our education on the latest developments. The themes of the course and the assignments to be carried out during the semester are closely linked to the Furniture and Object Design course. Within the framework of the Furniture and Object Design Studio course, students are introduced to the basic furniture structures, concepts, design principles, detailing and the content and form requirements of their technical documentation, which they acquire through guided theoretical exercises. In Furniture and Object Design, students will objectify the results of the theoretical activities by means of physical models and models on different scales.

## Learning Outcomes

The Furniture and Object Design and Furniture and Object Design Studio courses aim to enhance both theoretical and practical knowledge. The aim of the Furniture and Object Design Studio is to develop and master the design thinking, technical documentation requirements and the content and form of production drawings expected in interior design. The aim of the Furniture and Object Design course is to provide students with practical experience of furniture design, thereby increasing their knowledge of the physical properties, limitations and possibilities of different furniture materials, which will support the development of design thinking.

## 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 student.

## 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 (BTS):**

|  |  |  |  |
| --- | --- | --- | --- |
| BTS | **Type** | **Evaluation** | **Share of rating** |
| *Task 1.* | *20 points* | *20%* |
| *Task 2.* | *35 points* | *35%* |
| *Task 3.* | *35 points* | *35%* |
| *classwork, attendance* | *10 points* | *10%* |

**Furniture and Object Design (BT):**

|  |  |  |  |
| --- | --- | --- | --- |
| BTS | **Type** | **Evaluation** | **Share of rating** |
| *Task 1.* | *20 points* | *20%* |
| *Task 2.* | *35 points* | *35%* |
| *Task 3.* | *35 points* | *35%* |
| *classwork, attendance* | *10 points* | *10%* |

**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.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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%-54% | 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 program.

 2. Independent work during class time.

 3. Independent work at home.

**Detailed requirements and schedule of the Course**

See also – MS Teams – detailed semester task description

## Weekly program

|  |  |  |
| --- | --- | --- |
| BTS | Furniture and Object Design Studio | (L; P) Thursday 9:30-12:45 am. |
| BT | Furniture and Object Design | (LAB) Thursday 13:15-14:45 pm. |
|   |   | schedule |
| **TASK 1** |   | week 1 |
| L | Description of the schedule for the semester, presentation of tasks |
| P |  - |
| LAB | classwork |
|   | week 2 |
| L | /1: basic knowledge of modelling methodology; /2: basic furniture construction, statics |
| P |  - |
| LAB | classwork, consultation (physical models) |
|   | week 3 |
| L | /1: Materials, surface finishes; /2: Technical drawings, production design |
| P |  - |
| LAB | classwork, consultation (physical models, presentation board) |
|   | week 4 |
| L | **SUBMISSION TASK 1** |
| P |  - |
| LAB |  - |
| **TASK 2** |   | week 5 |
| L |  - |
| P | classwork, consultation on design/drawing exercises |
| LAB | class work, model/drawing consultation |
|   | week 6 |
| L |  - |
| P | classwork, consultation on design/drawing exercises |
| LAB | class work, model/drawing consultation |
|   | week 7  |
| L |  - |
| P | classwork, consultation on design/drawing exercises |
| LAB | class work, model/drawing consultation |
|   | week 8 |
| L | **SUBMISSION TASK 2** |
| P |  - |
| LAB |  - |
| **TASK 3.** |   | week 9 |
| L | **FALL BREAK** |
| P |  - |
| LAB |  - |
|   | week 10 |
| L |  - |
| P | classwork, consultation on design/drawing exercises |
| LAB | workshop |
|   | week 11 |
| L |  - |
| P | classwork, consultation on design/drawing exercises |
| LAB | workshop |
|   | week 12 |
| L |  - |
| P | classwork, consultation on design/drawing exercises |
| LAB | workshop |
|   | week 13 |
| L |  - |
| P | classwork, consultation on design/drawing exercises |
| LAB | workshop |
|   | week 14 |
| L | **FINAL SUBMISSION TASK 1-3.** |
| P |  - |
| LAB |  - |

**Content requirements:**

**TASK 1.**

individual task **BT:** Create a 1:20 scale physical model based on an provided sample using a defined techniques.

individual task **BTS:** (Photo) documentation of the steps in the model making process and the final model in the form of 1 50x100 cm presentation board.

**TASK 2.**

teamwork **BT:** Make a 1:5 scale model of the designed table.

teamwork **BTS:** Inspired by the provided joint/junction detail, design and technical documentation of 1 table and 1 chair, presented on 1 pc 50x100 presentation board with the following content requirements:

 - freehand sketches, concept diagrams

- 1:5 scale elevation drawings (min. 2-2 per object)

- 1:2 or 1:1 junction detail - min. 2 pcs.

- axonometry or exploded axonometry

- visualizations

- brief written description of the concept, structural details and use of materials

**TASK 3.**

teamwork **BT:** Create a 1:1 scale furniture junction based on the furniture designed in exercise 2.

individual task **BTS:** Preparation of the technical design documentation of the built-in furniture in the space assigned in Task 1, presented on 1 50x100 sheet, with the following content requirements:

- 1 pc furniture floorplan at a scale of 1:20

- 1 pc 1:20 scale wall elevation

- 1 pc longitudinal section at a scale of 1:20

- 2 cross sections at 1:20 scale

- 5 pcs 1:1 furniture joint

- brief description of the materials used, surface finishes and furniture construction

- 1 visualization

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 Kata VARJU

 operative course director

Pécs, 05/09/2023