CURRICULUM PARTITION AND REQUIREMENT SYSTEM

Semester 1, Academic Year 2025/26

ÓBUDA UNIVERSITY					
Rejtő Sándor Faculty of Light Industry and Environmental Engineering	*Faculty*	**Product Design**	*Intitute*		
English title of the course	**Projectwork**	*Neptun code:*	**RTPPM1IBNF**		
ungarian title of the cours	**Projektmunka**	*Credit:*	**4**		
Type (mandatory/optional):	**Compulsory**	*Study form:*	**Full-time**	*Semester:*	**7**
Programme:	**Industrial Design Engineering**				
ourse coordinator:	**Rita Kendrovics Boda Ph.D.**	*Lecturer:*	**Dr. Edit Csanák DLA, Dóra Papp-Vid DLA, Orsolya Dr. Nagy Szabó, András Koleszár**		
Prerequisites (including code):	**Technology of Specialization III.**				

Weekly classes (lec+gs+lab:):	*Lecture:*	**0**	*Group seminar:*	**0**	*Lab. Practice:*	**2**
Assessment type:	**Term mark (tm)**	*Language of the course:*	**English**	*Timing:*	Lab: THU 08:55-12:25(D.3.309)	

Curriculum:

The purpose of the subject is that the students could use the theoretical knowledge, acquired in the framework of the professional subjects, in practice-oriented projects. The 3-4 strong student groups (occasionally independently as well) learn the workflows – from the raising of the problem through working out the basic ideas, to form experiments – in complex work. The students will get to know the appropriate distribution, time management of the work-phases. The will learn how to make a schedule and to co-ordinate the workflows. After collecting international information and analysing them, the students will design a coordinated exhibition interior in a specific style. They cooperate regularly with their consultants and the competent contact persons of professional organisations and firms. In written form and in presentations, too, the students will report their workflows and results and they will make their portfolios. When carrying out these tasks, in addition to their skill in solving problems, creating forms and in design as well, the adaptability and communication skill of the students will also develop, thus they can get a good background for joining the professional circles.

Detailed schedule of the course:

Week	*Topic*	*Lecturer*
* The exact schedule and method of consultation sessions will be announced on the eLearning platform!		
1.	Semester schedule, introduction of tasks. Organization of project group allocations.	Teachers involved in project work
2.	Consultation on project plans. Presentation and consultation of draft designs.	Teachers involved in project work
3.	Submission of project plans.	Teachers involved in project work
4.	Implementation of the selected plan in project groups* I.	Teachers involved in project work
5.	Implementation of the selected plan in project groups II.	Teachers involved in project work
6.	Implementation of the selected plan in project groups III.	Teachers involved in project work
7.	Implementation of the selected plan in project groups IV.	Teachers involved in project work
8.	Implementation of the selected plan in project groups V.	Teachers involved in project work
9.	Finalization of the project task. Preparation for presentation I.	Teachers involved in project work
10.	Submission of project works (objects and products). Preparation for presentation II.	Teachers involved in project work
11.	Break (Rector's recess).	(-)

12.	**Presentation of project works (Sustainability Festival – 28 November 2025, Óbuda University Aula).**	Teachers involved in project work
13.	Evaluation I: Assessment of completed works (aesthetics) and project participation (ethics).	Teachers involved in project work
14.	Submission of project work documentation. Evaluation II.	Teachers involved in project work

Mid-term requirements:

Attendance at lectures and practices/labs

Participation in the exercises is compulsory, absence according to the TVSZ. In addition to the laboratory exercises, students have the opportunity to carry out tasks related to the curriculum in a "Free Workshop".

Tests, minutes, reports, essays, etc.

*	Project group = Team. Team A: Fashion; Team B: Interior
2. week	Presentation of draft designs
3. week	Submission of project plansa
8. week	Submission of completed project works
9. week	Preparation for presentation I. (conditions vary by team)
10. week	Submission of project works (objects and products). Preparation for presentation II. (team-specific conditions)
12. week	Presentation of project works (Sustainability Festival – 28 November 2025, Óbuda University Aula)
13. week	Evaluation I: Assessment of completed works (aesthetics) and project participation (ethics)
14. week	Evaluation II: Assessment of the quality of finalized design documentation

Method of obtaining a signature/mid-term mark

Mid-semester work will be evaluated based on the completion of tasks set by the instructors during the semester. Planning (20%), active participation in the project (10%), sub-tasks (10%) and submitted project work and documentation (60%) will be assessed. A minimum satisfactory level of completion of all sub-tasks is required to obtain a mid-semester mark. The relevant provisions of the current Study and Examination Regulations apply to the replacement of the mid-term mark.

Professional competencies:

– Knowledge of basic design principles and methods, as well as major production technology procedures and operating processes.
– Knowledge of the most important basic materials applied in the special area of product design, their production and their application criteria.
– Knowledge of basic construction designs and their dimensioning basics.
– Knowledge of the learning, knowledge acquisition, and data collection methods of the special field of product design, their ethical limitations and problem solving techniques.
– Knowledge of the most important practical work techniques of their special field.
– Knowledge of the ethics and methods of team work.
– Able to design the form and construction of relatively simple products by taking into account the limits of production technology, the costs expected, and impacts on the environment.
– Able to perform the virtual modelling of product concepts and products using 3D computer-aided design systems as well as to produce their technical documentation.
– Able to produce, examine and test real models and prototypes using direct digital production technologies based on both traditional and 3D product models.
– Able to master new knowledge by solving practical problems empirically.
– Understand and use characteristic online and printed references characteristic of their special field, both in Hungarian and in at least one foreign language.
– Able to take part in and also to manage team work.
– Able to initiate, compile, and carry out projects in team work, primarily in a multidisciplinary environment.
– Able to take into account the aspects of the historical, cultural, socio-economic and industrial environment in the process of industrial design and product development.
– Able to analyze design projects by applying design methods and to give methodological reasons for the workflows applied.
– Efforts to make self-education in the special area of industrial product design a continuous process in line with professional objectives.
– Efforts to solve tasks and make management decisions by being aware of the opinions of the colleagues supervised, possibly in cooperation therewith.
– Open to transmitting own knowledge to colleagues.
– Taking care to promote subordinates' professional development, to manage and help such endeavors.
– Taking care of ensuring equal access opportunities in problem solving.

Literature

1. https://elearning.uni-obuda.hu/ electronic notes and aids prepared by the instructors
2. Edit, Csanák: DESIGNING OF FASHION COLLECTION INSPIRED BY CULTURAL HERITAGE - METHODOLOGY AND RESULTS OF A PROJECT WORK, In: Zvonko, DRAGČEVIĆ (szerk.) Clothing & Design Conference - Magic World of Textiles 2018; Zágráb, Horvátország : University of Zagreb (2018) pp. 285-290. , 6 p.
3. Csanák, Edit: ADVANCED STUDENT PROJECTS IN THE SPIRIT OF INTERNATIONALISATION, In: Marija, Pesic INTERNATIONAL Scientific-Professional Conference Textile Science and Economy, Zrenjanin, Szerbia : University of Novi Sad, Technical Faculty "Mihajlo Pupin" (2022) pp. 32-43., 12 p.