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| FACULTY: | Faculty of Architecture and Design |
| FIELD OF STUDY: | INTERIOR ARCHITECTURE |
| ERASMUS COORDINATOR OF THE FACULTY: | Mateusz Rybarczyk |
| E-MAIL ADDRESS OF THE COORDINATOR: | mateusz.rybarczyk@tu.koszalin.pl |
| COURSE TITLE: | BASICS OF FURNITURE DESIGN |
| LECTURER’S NAME: | Bogusław Niewiadomski |
| E-MAIL ADDRESS OF THE LECTURER: | boguslaw.niewiadomski@tu.koszalin.pl |
| ECTS POINTS FOR THE COURSE: | 2 |
| COURSE CODE (USOS): | 1211>0100-PPM1-L |
| ACADEMIC YEAR: | **2025/2026** |
| SEMESTER:  (W – winter, S – summer) | W |
| HOURS IN SEMESTER: | 30 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | laboratory |
| LANGUAGE OF INSTRUCTION: | **• English full time scheme for classes with 5 and more International Erasmus+ students enrolled/accepted;**  **• English 50% individually with the teacher + Polish 50% with Polish students or individual project work- scheme for classes with less than 5 International Erasmus+ students enrolled/ accepted;** |
| ASSESSMENT METHOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | The student passes semester 01 with the obligatory development of their own technical inventory of the furniture - chair indicated by the laboratory instructor. Pencil drawing on B1 cardboard format. The student also passes the entire semester on the assessment of their own graphic development of a simple chair of their choice in terms of cutting out its structural elements in a wooden layered board (plywood). |
| COURSE CONTENT: | Laboratory activities on the basics of furniture design are not assessed in terms of design activities in the field of furniture creation. The laboratory examines selected technical and technological analyses. It examines the structural relationships of the selected furniture with its adaptation to specific functions.  Topics throughout the course concern important issues in the field of ergonomics and persuasive operational processes in materials. Basic knowledge of developing technical drawings and the principles of descriptive geometry are used for these tasks.  1. Technical drawing of a chair inventory, B1 format cardboard backing (12 hours)  2. Selection of simple chair designs for preliminary analysis in terms of full technical assessment.  3. Description of structural properties in terms of developing a drawing based on a standard of sizes adapted to the silhouette of an adult. Drawings in scale 1:10 and 1:5  4. Graphic design with permissible modifications of the chair in terms of using a sandwich panel to build a model in scale 1:2  5. Structural assessment of the furniture, taking into account individual assembly elements using the vector graphics program Corel Draw or any program in the CAD system. |
| ADDITIONAL INFORMATION: | 1st grade course (1st semester) |