Course name	**Product Design**
Entity running the course	Faculty of Interior Architecture and Design
Entity for which the course has been prepared	Departmet of Design
Course type	Core / obligatory
Year of study / semester, type of studies	Year III, sem. V, basic degree full-time studies
ECTS credits	10 pts ECTS per semester
Academic tutor	ac. prof. Włodzimierz Dolatowski
Aim of the course	Further developing the knowledge of product design; realizing tasks of various level of complexity, including the complexity of project execution (functional, construction, technological, economical and aesthetic requirements).
Prerequisites	Ability to see and reveal design problems in human environment; ability to search for, and use inspiration; knowledge of basic rules of technical drawing and use of measuring tools. Basic knowledge of Rhinoceros software.

Learning outcomes:

- knowledge	Student gains advanced knowledge in the area of product design.
- skills	Student can independently prepare a verbal presentation; actively participates in classes, gains competence in the area of understanding specific questions of product design.
- personal and social competence	Student can independently prepare a verbal presentation; actively participates in discussions, gains competence in the area of specific issues of product

	design.
Course content	Analysis of a design task, choosing a work method, selecting collected material; building (determining) problem maps, considering all the expected contexts, for example: technical, functional, etc. Preparing different ways of solving a problem. Realization of a chosen solution to a given task (sketches and concept models, graphic design, making a prototype or a model, verbal and multimedia presentation).
Course form and number of course hours	Individual „master-apprentice" classes, group discussions, presentations, consultations, reviews;
Assessment methods and criteria	60% executing assignments / project realization / working reviews / activity during classes 40% public presentation
Assessment type	Graded pass
Literature	Tadeusz Dobrzański Rysunek techniczny maszynowy Michał Gradowski Dawne złotnictwo. Technika i terminologia Rhinoceros NURBS modeling for Windows – Podręcznik użytkownika Chia Fu Chiang and Damien Alomar V-Ray for Rhino – Podrecznik użytkownika Edward T. Hall „Bezgłośny język" Warszawa 1987 Hudson Jennifer "Process. 50 Product Designs from Concept to Manufacture" Yi-Fu Tuan „Przestrzeń i miejsce" Warszawa 1987 Janusz Krupiński "Wzornictwo/design. Studium idei " red. Marek Krajewski "Handmade. Praca rąk w postindustrialnej rzeczywistości."
Teaching aids	
Language of instruction	Polish; communication in English possible