



Course name	Product Design
Entity running the course	Faculty of Interior Architecture and Design
Entity for which the course has been prepared	Department of Design
Course type	Core / obligatory
Year of study / semester, type of studies	Year II, sem. III, full-time master's degree
ECTS credits	15 pts ECTS
Academic tutor	ac. prof. Włodzimierz Dolatowski, ass. prof. Tomasz Gacek, PhD, ass. tutor Renata Wites
Aim of the course	To gain a deeper knowledge in the area of product design; making one's own diploma work, considering the complexity of execution (functional requirements, construction, technology, economics, aesthetic and cultural aspects).
Prerequisites	Ability to notice design problems in human surroundings; ability to search for, and use inspiration. Advanced computer literacy (using design software, 3D modelling).
Learning outcomes:	
- knowledge	Student gains advanced knowledge in the area of product design.
- skills	Student has the ability to analyze and synthesize a design problem, can use the learned design methods and make 2D or 3D models; can correctly interpret and judge various stages of project execution.

<p>- personal and social competence</p>	<p>Student can independently judge and justify one's own project interpretations, based on objective criteria; can work in teams.</p>
<p>Course content</p>	<p>Determining and describing the spectrum of the diploma work. Determining problem maps, considering all the expected contexts, for example: technical, functional, etc. Adjusting or designing a relevant design method and a list of research or experiments needed. 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).</p>
<p>Course form and number of course hours</p>	<p>Individual „master-apprentice” classes, group discussions, specialist consultations, reviews, project verification in factories or scientific laboratories.</p>
<p>Assessment methods and criteria</p>	<p>60% executing assignments / project realization / working reviews / activity during classes 40% public presentation of the diploma work</p>
<p>Assessment type</p>	<p>Examination review</p>
<p>Literature</p>	<p>Laurence J. Peter „Plan Petera”, Warszawa 1979 H. Mruk, I. P. Rutkowski „Strategia produktu” Warszawa 1999 praca zbiorowa "Nerwowa drzemka. O poszerzaniu pola w projektowaniu A Nervous Nap. On Expanding the Field in Design" Jan Gehl "Życie między budynkami. Użytkowanie przestrzeni publicznych " Edward Nęcka „Pobudzenie intelektu- zarys formalnej teorii inteligencji” Kraków 1998 Edward T. Hall „Poza kulturą”, Warszawa 1984 Best Kathryn "Design Management. Zarządzanie strategią, procesem projektowym i wdrażaniem nowego produktu"</p>
<p>Teaching aids</p>	
<p>Language of instruction</p>	<p>Polish; communication in English possible</p>