



Course name	Tools and Work Environment 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 / optional
Year of study / semester, type of studies	Year II, sem. IV, full-time bachelor's degree
ECTS credits	8 pts ECTS
Academic tutor	ac. prof. Jan Kukuła, assoc. prof. Jerzy Grobelny, ass. tutor Krzysztof Kubasek
Aim of the course	Students learn to design tools and work environments.
Prerequisites	Student has basic knowledge and skills that allow for solving and documenting project solutions, can use basic design tools.
Learning outcomes:	
- knowledge	Student gains advanced knowledge in the area of ergonomics, design methods, can recognize and define the design problem, knows basic tools including 2d and 3D computer software.
- skills	Has advanced skills in the area of creating and realizing design concepts, skills necessary for presenting them. Uses the correct tools. Can prepare a form of documentation which allows for completing the task.
- personal and social competence	Can criticize and justify one's own interpretation of a project, based on objective criteria.

Course content	Students design their own projects in the area of tools and workplace design. Clause exercises – the goal is to further support knowledge and working skills. Design tasks – complex set of questions in the area of design process. Subject of user's special needs, including handicapped people (or elder).
Course form and number of course hours	Lectures, individual consultations, teamwork, individual projects, work practice. 120 hours per week.
Assessment methods and criteria	60% executing assignments / activity during classes / number and quality of finished concepts 40% quality of the semestral presentation
Assessment type	Examination review
Literature	J. Rosner, „Podstawy ergonomii” W-wa PWN. 1982 Ch & P Fiell „Design XX wieku” Taschen (TMC Art) 2002 2+3D Ogólnopolski kwartalnik projektowy
Teaching aids	
Language of instruction	Polish; communication in English possible