



Course name	Computer Assisted 3D Design
Entity running the course	Faculty of Interior Architecture and Design
Entity for which the course has been prepared	Department of Interior Architecture
Course type	core / compulsory course
Year of study / semester, type of studies	Year I, sem. I and II, basic level, full-time bachelor's degree
ECTS credits	1 point ECTS per semester
Academic tutor	sen. lect. Bartosz Zamarek
Aim of the course	Learning to use CAD to a level allowing student for effective use its possibilities for design. Basic preparation for using a computer equipped with this software, in the context of work market.
Prerequisites	None.
Learning outcomes:	
- knowledge	Student gains practical knowledge about using the computer software, in the area of modern trends of form creation in architectue.
- skills	Student can use the computer software in design and visualizations. Can join the possibilities of various programs in one project and search for solutions to design problems.
- personal and social competence	Student learns to present their works, to criticize and constructively judge them, work in team.

Course content	Philosophy of working with computer software. Learning the specific functionalities and adjusting them to one's own needs. Drawing and modifying, using selected tools and possibilities. Ability to join the possibilities of various programs in one project. Rules of preparing for print – searching for solutions in response to design needs.
Course form and number of course hours	Classes in computer room, homeworks (30 hours per semester).
Assessment methods and criteria	50% exercises to pass 50% graded final work
Assessment type	Non-graded pass (winter semester), graded pass (summer semester).
Literature	Pikoń A., Autocad 2010PL Techbook, Helion 2010 Jaskulski Andrzej, Autocad 2005 Podstawy Projektowania, Wydawnictwo Naukowe Pwn Neufert Ernest, Podręcznik Projektowania, Arkady 2008
Teaching aids	Students should have their own computers.
Language of instruction	Polish, English