AKADEMIA SZTUK PIĘKNYCH
IM. EUGENIUSZA GEPPERTA
WE WROCŁAWIU

Course name	**Computer Assisted Design**
Entity running the course	Faculty of Interior Architecture and Design
Entity for which the course has been prepared	Departmet of Design
Course type	obligatory
Year of study / semester, type of studies	Year II, sem. IV, full-time basic degree studies
ECTS credits	2 pts ECTS
Academic tutor	lect. Krzysztof Kubasek, MFA
Aim of the course	Building more complex 3D models in Rhinoceros, based on technical documentation and measuring real objects. Knowledge of basic rules of technical drawing and the use of measuring tools.
Prerequisites	Basic knowledge of Rhinoceros.
Learning outcomes:	
- knowledge	Student gains more advanced knowledge about using Rhinoceros for 3D modelling. Learns the basics of technical drawing.
- skills	Students gains more advanced knowledge of Rhinoceros for 3D modelling purposes. Can adjust the program's interface for their specific needs. Can build complex 3D models and choose the most suitable tools.
- personal and social competence	

Course content	Semester begins with a test to determine student's skills. Analysis of technical drawings, complicated objects, making measurements. Practical use of knowledge, making a 3D model of a multi-element, complex object, making technical drawings of this model.
Course form and number of course hours	Classes in a computer workshop, lectures, exercises, consultations, reviews, individual „master-apprentice” classes, 2 hours per week.
Assessment methods and criteria	50% presence at classes / activity during classes / executing assignments 50% practical exam
Assessment type	Graded pass
Literature	Rhinoceros NURBS modeling for Windows – user manual Tadeusz Dobrzański Rysunek techniczny maszynowy
Teaching aids	Computer workshop, computers with necessary software, 3D Connection manipulators, projector, measuring tools.
Language of instruction	Polish