Course name	**Modelling**
Entity running the course	Faculty of Interior Architecture and Design
Entity for which the course has been prepared	Departmet of Design
Course type	Specialty course – obligatory / optional
Year of study / semester, type of studies	Year II, sem. III and IV, full-time master's degree
ECTS credits	2 pts ECTS
Academic tutor	ac. prof. Piotr Jędrzejewski
Aim of the course	Teaching the students about basic problems of modelling in reduced sizes. The learned skills will be useful for making a synthesis of the modelled object in order to determine its most characteristic features and to present them in a given size.
Prerequisites	Skills gained in the previous semester. Knowledge of the basic methods in modelling and finishing the objects.

Learning outcomes:

- knowledge	Student gains knowledge about methods of working with objects made using industrial methods in order to present their most characteristic features in a reduced size. Student learns about the most popular scales and methods of choosing an adequate size of the model and proper materials. Students receive information about technologies that support modelling.
- skills	Learning the benefits of making reduced size models, adequately choosing scales for a given model. Methods of manual working with materials and preparing drawings for computer technologies, such as laser cutting, water

	cutting.
- personal and social competence	
Course content	Students make a model of a chosen rail vehicle. Model is made based on documentation prepared by the student in order to choose a proper size. The surface of the object is finished according to the original.
Course form and number of course hours	Classes in the modellling workshop, conversations and individual consultations, lectures.
Assessment methods and criteria	50% executing assignments / activity during classes / working reviews 50% open review
Assessment type	graded pass
Literature	
Teaching aids	
Language of instruction	Polish, communication in English possible