

	Subject	type	hour/ week	hour/ sem.	ETCS
18	Digital Modelling I	Ps	3	45	4
<p>Description: Subject of the course: Digital 3D modelling, visualization and animation of a 2D painting masterpiece (Suprematist Composition) with the use of ArchiCAD 22. The inspiration 2D painting should be obtained from works of artists associated with Suprematism: Kazimir Malevich, El Lissitsky, Ilya Chashnik, Lazar Khidekel, Alexandra Exter, Lyubov Popova, Sergei Senkin and others.</p> <p>Assignment - A SCULPTURE IN 3D BASED ON SUPREMATIST COMPOSITION The task is to make a 3D composition inspired by a 2D painting (Suprematist Composition) with the use of ArchiCAD 22. The project should be characterized by high artistic values and derive from any Suprematist Composition chosen by the student (approved by the instructor).The final shape depends on the discussed with the teacher design concept and the progress of work, as well as quality of light. The whole form should not excide a 30 x 30 x 30 m space and should be placed on a max. 30 x 30 m base.</p> <p>Educational objectives:</p> <ol style="list-style-type: none"> 1. Testing basic principles of spatial forms and artistic creations in the virtual space. 2. Learning the essentials of ArchiCAD 22 modelling software. 3. Learning basic principles of making visualizations and animations. 4. Accomplishing the ability to present designed spatial composition through it's visualization and the viewing animation. <p>The verification methods - grading of the project: Evaluation of the assignment - model in ArchiCAD *.pla format (archive project), short animation (a walk around or through the sculpture) and 3 visualizations in *.jpg format. Evaluation of individual design progress, project presentation and discussion of the project. Evaluation and credits are given after providing:</p> <ul style="list-style-type: none"> • Printed presentation board - A3 horizontal format, containing one inspiration painting - Suprematist Composition, 3 visualizations of the executed project (photographs 18x13cm each). The arrangement of the board as specified and approved by the instructor. • Digital file of the designed model in ArchiCAD Archive Project *.pla format. • 3 visualizations saved in *.jpg format and *.pdf of the A3 presentation board. • Short *.Mp4 format animation from ArchiCAD. 					