

Course Unit Descriptor

Study Programme: Architecture			
Course Unit Title: Architectural Representations 2			
Course Unit Code: A365			
Name of Lecturer(s): Bojan Tepavčević			
Type and Level of Studies: Bachelor level			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): summer			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 5			
Prerequisites: None			
Course Aims: Students learn to use basic computer software Application for representation of urban architectural works			
Learning Outcomes: To apply the knowledge gained in the process of further education as well as in their future professional work.			
Syllabus: Introduction and definition of basic term - representation. Representation techniques: sketch, technical drawing, spatial modeling (2D, 3D, VR). Fundamentals of computer graphics: 2D design and 3D modeling. Fundamentals of CAD applications: functionality, structure, standards, programming. Review of basic software for sketching, designing, and spatial (3D) modeling, rendering and animation using PCs. Basics of using the software package for sketching 3D - SketchUp. Basis of application for the complete development of technical documentation with rendering - ArchiCAD.			
Required Reading: Relevant literature in English TBD			
Weekly Contact Hours: 1	Lectures: 1	Practical work: 0	
Teaching Methods: Lectures and exercises in the computer lab. Consultation. Part of the material that makes up the logical units are placed in the two tests. Preliminary exams are done in the computer lab. The student can take the next test if he/she previously gained at least 30% of the points. For a student to pass the exam, in addition to other requirements, he/she must collect from each of the two tests at least 30% of the points. Grade is based on attendance at lectures and exercises, and the success rate of the tests.			
Knowledge Assessment (maximum of 100 points): 100			
Pre-exam obligations	points	Final exam	points
Graphic Paper	20	Theoretical part of the exam	30

Graphic Paper	20		
Graphic Paper	20		
Test	10		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam...			