

Course Unit Descriptor

<b>Study Programme:</b> Architecture			
<b>Course Unit Title:</b> Architectural Representations 2			
<b>Course Unit Code:</b> A365			
<b>Name of Lecturer(s):</b> Stojaković Vesna			
<b>Type and Level of Studies:</b> Bachelor level			
<b>Course Status (compulsory/elective):</b> compulsory			
<b>Semester (winter/summer):</b> summer			
<b>Language of instruction:</b> English			
<b>Mode of course unit delivery (face-to-face/distance learning):</b> face-to-face			
<b>Number of ECTS Allocated:</b> 5			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> Students learn to use basic computer software Application for representation of urban architectural works			
<b>Learning Outcomes:</b> To apply the knowledge gained in the process of further education as well as in their future professional work.			
<b>Syllabus:</b> 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.			
<b>Required Reading:</b> Relevant literature in English TBD			
<b>Weekly Contact Hours:</b> 1	<b>Lectures:</b> 1	<b>Practical work:</b> 0	
<b>Teaching Methods:</b> 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.			
<b>Knowledge Assessment (maximum of 100 points):</b> 100			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	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...