

<b>Study Programme: Architecture</b>			
<b>Course Unit Title: Architectural technology</b>			
<b>Course Unit Code: A323</b>			
<b>Name of Lecturer(s): Krklješ Milena</b>			
<b>Type and Level of Studies: bachelor</b>			
<b>Course Status (compulsory/elective): compulsory</b>			
<b>Semester (winter/ summer): winter</b>			
<b>Language of instruction: english</b>			
<b>Mode of course unit delivery (face-to-face/distance learning): face-to-face</b>			
<b>Number of ECTS Allocated: 4</b>			
<b>Prerequisites: none</b>			
<b>Course Aims:</b> Acquisition of basic knowledge of the structure of architectural buildings, constructive and functional elements of the building and the technology of contemporary craft works on architectural buildings.			
<b>Learning Outcomes:</b> The knowledge acquired is used for upgrading knowledge and understanding of other engineering courses.			
<b>Syllabus.</b> The structure of an architectural building with its basic elements (function, location, size). The influence and importance of the formation of the architectural building. Connection with the land - types of foundation structures. The walls of all typologies and functions. Waterproofing and thermal protection. Floor structure - structure types and manner of performance. Openings - windows and doors (functions, types, structures, materials). Facades and facade screens. Stairs and vertical communication, ramps and elevators. Roof constructions, roof coverings. Interior linings of walls and floors.			
<b>Required Reading:</b> Relevant literature in English, tbd			
<b>Weekly Contact Hours:2</b>	<b>Lectures: 2</b>	<b>Practical work:</b>	
<b>Teaching Methods:</b> Lectures, Workshops, graphical and seminar papers, consultations.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Attendance			
Computer exercises			
Tests (4x)			

