

Course Unit Descriptor

<b>Study Programme:</b> Civil Engineering			
<b>Course Unit Title:</b> Building Engineering 1			
<b>Course Unit Code:</b> GG13			
<b>Name of Lecturer(s):</b> Prof.dr Jasmina Dražić			
<b>Type and Level of Studies:</b> Bachelor Level			
<b>Course Status (compulsory/elective):</b> compulsory			
<b>Semester (winter/summer):</b> Winter			
<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> 7			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> Acquiring basic knowledge in the field of building engineering (building structure, purpose, position, form, dimension and materialisation of all elements), and the elaboration of functional structures.			
<b>Learning Outcomes:</b> Acquired knowledge presents the basis for attending and understanding professional courses dealing with building structure in general and its elements, using the method of calculating the influences, element dimensioning, organization and realization plans.			
<b>Syllabus:</b> Notions and definitions, purpose, position, form, dimension and materialization of a building as basic elements in the methodology on building analysis. Building structure and systematization of its parts. Building division of functional segments, partitions and claddings. Elaboration of the functional parts of a structure. Elements of the functional parts of a structure in foundations. Structural elements in the body of a building; walls, columns, staircases. Roof structure. Building realization procedure using major construction works.			
<b>Required Reading:</b> Relevant literature in English TBD			
<b>Weekly Contact Hours:</b> 4	<b>Lectures:</b> 2	<b>Practical work:</b> 0	
<b>Teaching Methods:</b> Teaching process is realized through lectures in the form of presentations and through graphic practice which students do individually during the classes assisted by the assistant. In practice classes, based on obtained information (from lectures and general introduction into practice), students solve the set tasks (graphic practice). Students are familiar with the content of the task, so they can prepare and bring literature which can be used during their work. All completed and positively graded tasks receive a certain number of points. The examination includes the entire course content from this semester and it is taken in written form. The examination grade is formed on the basis of lecture and practice attendance, points from graphic practice and written part of the examination.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation		written exam	
Practical work		oral exam	
Preliminary exam(s)		.....	
Seminar(s)			

The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.