

Course Unit Descriptor

Study Programme: Civil Engineering			
Course Unit Title: Building Management			
Course Unit Code: GG519			
Name of Lecturer(s): Doc.dr Vladimir Mučenski			
Type and Level of Studies: Master Level			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): Winter			
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: Enabling students to manage projects in civil engineering.			
Learning Outcomes: Ability to manage time and resources, manage supplying and communications, manage quality, manage risk, as well as monitoring, analysing and evaluating project realization. Acquired knowledge is directly applied in engineering practice			
Syllabus: Notion of a project (system, elements and connections in a project, aims, connections to the surroundings). Activities during project realization (investors, designers, constructors, consultants, etc.). Project planning (investments): process (project) modelling, resources and costs planning, variation solutions for the plan and the selection of an optimal one. Managing time and resources, managing supplying and communications for the demands of the project, managing project quality, managing project risks. Monitoring, analysing and evaluation of project realization.			
Required Reading: Relevant literature in English TBD			
Weekly Contact Hours: 4	Lectures: 2	Practical work: 0	
Teaching Methods: Teaching is performed in lectures in the form of presentations of individual methodical units and computer practice done individually by students with the consultations with the teaching assistants. At practice classes, based on the obtained information (in lectures, literature, consultation and general instructions at the beginning of practice classes), students solve the set tasks in a computer laboratory. Completed and positively graded computer practice present a prerequisite for taking the examination. Examination covers the entire course content presented during the semester, and it is taken in written form (tasks and theory). Written part of the examination can also be taken in 2 modules during the teaching process. Examination grade comprises lecture and practice attendance, computer practice, written and oral part of the examination.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	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.