Course Unit Descriptor

Study Programme: Disaster Risk Management and Fire Safety			
Course Unit Title: Safety at Work in Construction			
Course Unit Code: ZR302A			
Name of Lecturer(s): Doc.dr Vladimir Mučenski			
Type and Level of Studies: Bachelor 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: 6			
Prerequisites: None			
Course Aims: Gaining knowledge on safety and health at work during realization of construction works of residential and industrial buildings, hydro-engineering, roads, railways, tunnels, etc.			
Learning Outcomes: Education for the planning and implementation of safety and health at work in construction of buildings and facilities for different purposes. Gained knowledge is directly applicable to engineering practice.			
Syllabus: Introduction to construction industry. General about construction technology. Organization of construction works. Personal safety equipment of workers in the construction industry. Site organization and measures for safety and health at work. Site analysis in terms of health and safety at work as well as elements for Risk Assessment Act.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours: 4	**Lectures: 2**	**Practical work: 2**	
Teaching Methods: Lectures, practical exercises, design work and consultation. In lectures, theoretical part of the subject is performed in the form of presentation of individual units with appropriate methodological practices, to enable easier understanding and adoption of subject. In practical exercises theoretical knowledge from lectures is processed with more active student participation. In addition to lectures and exercises consultation are regularly held. Student, based on the obtained information (lectures, literature, consultations and general instructions at the beginning of exercise), solves the set of tasks in form of student work. Positively evaluated student work is a prerequisite for taking the exam. The exam covers the entire material exposed during the semester and is taken orally. Rating exam is based on attendance of lectures and exercises, reviews of the paper and an oral exam.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	**Final exam**	points
Group assignment		Examination Assignment	
Exercises			
Test			
Test			

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