

<b>Study Programme: Environmental Engineering And Occupational Safety Engineering</b>			
<b>Course Unit Title: Monitoring of working and living environment</b>			
<b>Course Unit Code: ZR204</b>			
<b>Name of Lecturer(s): Petrović Maja, Turk-Sekulić Maja</b>			
<b>Type and Level of Studies: bachelor</b>			
<b>Course Status (compulsory/elective): compulsory</b>			
<b>Semester (winter/ summer): summer</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: 6</b>			
<b>Prerequisites: none</b>			
<p><b>Course Aims:</b></p> <p>-Developing knowledge in the field of monitoring of working and living environment. -Introducing students to the requirements, implementation and application of national and EU legislation. -Introducing students to the principles of preventive and periodic monitoring of working and living environment. -Introducing students to the importance of accurately identifying hazards in the workplace and in the environment. -Introducing students to the responsibilities of legislative institutions, accredited laboratories and individuals in the process of monitoring of working and living environment. -Acquiring knowledge for planning and conducting monitoring of the working and living environment. - Acquiring knowledge in the field of sampling and laboratory analysis. -Acquiring knowledge for recognizing the validity and significance of laboratory test results. -Acquiring knowledge for evaluating compliance with legal requirements and interpreting results. -Projects.</p>			
<p><b>Learning Outcomes:</b></p> <p>After completing the course and passing the exam, students will be able to: - Recognize and interpret the requirements of national and EU regulations; -Identify relevant legislation related to the field of occupational safety and environmental protection; -Identify appropriate methods for sampling and laboratory analysis; -Plan and design monitoring of working and living environment.</p>			
<p><b>Syllabus.</b></p> <p>Monitoring of working and environment - basic principles. National and EU regulations in the field of occupational safety and environmental protection. Reference standards that require monitoring of working environment. Accredited laboratories for monitoring of working and living environment. Equipment for monitoring of working and living environment. Methods for sampling and analysis of working and environment media. Guidelines for monitoring of working and living environment within different entities. Results of monitoring as integral parts of the Risk Assessment Act. Required 14 forms in the form of a company listing form</p>			
<p><b>Required Reading:</b></p> <p>Relevant literature in English, tbd</p>			
<b>Weekly Contact Hours: 2</b>	<b>Lectures: 3</b>	<b>Practical work: 0</b>	
<p><b>Teaching Methods:</b></p> <p>Lectures. Laboratory exercises. Consultations. In order to collect pre-examination points during the semester, students are obliged to attend regular lectures and laboratory exercises and pass two tests. After successfully completing the pre-examination obligations, students are entitled to take the exam. The examination consists of a written and mandatory oral part. During the semester students can pass the written part of the exam through two colloquiums. If the student does not pass the written part of the exam through the form of a colloquium, the student enters the written part of the exam which covers the material of the entire semester. The overall assessment of the exam is formed by summing the number of points won from pre-examination, colloquium (or written exam) and oral part of the exam</p>			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points

Attendance			
Computer exercises			
Tests (4x)			

