

<b>COURSE</b>		<b>GEODESY</b>		
<b>LECTURER</b>		Assist. Prof. Slobodanka Ključanin Ph.D.		
<b>STUDY</b>	<b>STATUS</b>	<b>SEMESTER</b>	<b>NUMBER OF LESSONS L+E</b>	<b>ECTS</b>
B - CE	Compulsory	2	2+2	5
<b>GOALS</b>				
Basic knowledge of terminology, methods and instruments used to collect data, as data (projects) with the plan on the field.				
<b>LEARNING OUTCOMES</b>				
Acquiring osovnog knowledge in the field of geodesy, survey maps and geospatial databases. Application of geodesy in construction: in planning and transmission projects in the field.				
<b>COURSE CONTENT</b>				
Definition of geodesy and its activities. Coordinate systems in geodesy. Cartography and map projections. Methods of collection of spatial data. Geodetic network. Surveying instruments and accessories. Real estate cadastre. Processing of geospatial data and their visualization. Using maps and geodetic calculation. Geodetic works in construction as for planning purposes, and for the purpose of transferring the project to the field (staking out).				
<b>RECOMMENDED LITERATURE</b>				
<ol style="list-style-type: none"> <li>1. Pribičević, B., Medak, D. : Geodezija u građevinarstvu. Sveučilište u Rijeci – Građevinski fakultet. VBZ d.o.o. Zagreb, 2003.</li> <li>2. Kapetanović, N., Selesković, F.: Geodezija. Univerzitetska knjiga. Sarajevo, 1999.</li> <li>3. Macarol S. : Praktična geodezija, Tehnička knjiga Zagreb; 1985.</li> </ol>				
<p>Examination:</p> <p>Scoring presence at the lecture - 5 points, exercises - 5 points. During the classes the exam is taken in two parts. Each section is scored as follows:</p> <p>The first partial exam - 45 points, second term exam - 45 points, a total of 90 points. Total: 100 points.</p> <ol style="list-style-type: none"> <li>a) If a student realizes 55% of all exams, formed his final score to a scale prescribed by the Law on Higher Education. Students who miss less than 5 points for grades 8, 9 and 10 were allowed to take the final exam orally to a higher rating.</li> <li>b) Students who pass only one exam, the final exam passed in writing the part that did not pass. The rating is formed as a) except that no oral option for a higher score.</li> <li>c) Students who have not passed any partial exam during the classes, take the exam in writing integrated. The rating is formed as a), except that no oral option for a higher score.</li> </ol> <p>Cancelling exams: Students who have passed both parts, and are not satisfied with the results achieved in one area, it can be canceled and the final exam, take that part.</p>				