

Study program:	Civil Engineering		
Level of study:	Undergraduate academic studies or Master academic studies or PhD studies		
Course title:	Engineering geodesy		
Teacher:	Milan.N. Trifković		
Course Status:	Required (Core, Obligatory) or Elective Obligatory		
Credits (ECTS):	6		
Prerequisite:	Name of course(s)		
Course objective(s): This programme aims to introduce geodesy utilization in various domains of civil engineering , (construction of buildings, construction of roads, hydrology, urbanism etc.)			
Course outcome(s):			
Course Content:			
1 st week	Introduction		
2 nd week	Horizontal geodetic base for civil objects construction		
3 rd week	Vertical geodetic base for civil objects construction		
4 th week	Marking facility		
5 th week	Marking roads		
6 th week	Staking out the routes		
7 th week	Circular and clothoid transition curves		
8 th week	Chainages and levelling of routes		
9 th week	Geodetic works during tunnel construction		
10 th week	Geodetic works during bridges design and construction		
11 th week	Water measurements		
12 th week	Regulation and construction lines		
13 th week	Changes in position of civil objects measurements		
14 th week	Final lecture		
15 th week	I test		
Literature: 1. M. Gostović: Geodesy, Faculty of civil engineering Subotica, 1983 2. M. Trifković: written lectures			
Number of hours:			Other classes: 0
Lectures: 2	Exercises: 2	Other forms of teaching: 0	Individual research work: 0
Teaching methods: Lectures, exercises, seminars, consultations			
Evaluation of knowledge (maximum 100 points)			
Pre-exam activities	points	Final exam	points
Activity during the lectures	5	Written exam	30
Activity during the exercises	5	Oral exam	30
Seminar paper (Graphic work, Term paper...)	30	-	-
Colloquia	00		