

NAME OF THE COURSE		CARTOGRAPHY II		
LECTURER		Assist. Prof. Slobodanka Ključanin Ph.D.		
STUDY	STATUS	SEMESTER	NUMBER OF LESSONS L+E	ECTS
B – G	Compulsory	6	2+2	5
OBJECTIVES				
Basic Knowledge of cartographic design, and methods of cartographic representation (analog and virtual), and the processes of production, reproduction and maintenance of cards.				
LEARNING OUTCOMES				
After successfully mastered the topic of this course students will be able to independently solve problems in the field of cartography.				
COURSE CONTENT				
The course of development of cartographic representation. Hardware and software in cartography. Modelling of geographical objects, attribute, vector and raster data. Cartographic modeling. Basic geometric graphic elements. Cartographic signs. Factors affecting cartographic generalization. The basic procedures of cartographic generalization. Automated cartographic generalization. Modeling terrain and 3D buildings. Map Reproduction. Digital manufacturing techniques and duplication of maps. Dataset for use. Methods of use of cards. The way of maintaining cartographic representation.				
RECOMMENDED LITERATURE				
<ol style="list-style-type: none"> 1. Frangeš, S.: Opća kartografija (rukopis), www.geof.hr/kartogra/opca%20kartografija.pdf 2. Lovrić, P.: Opća kartografija. Sveučilište u Zagrebu 1988. 3. Robinson, A.H., Morrison, J.L., Muehrcke, P.C., Kimerling, a.J., Guptill, S.C.: Elements of Cartography. New York, J. Wiley and Sons 1995. 4. http://129.187.175.5/materials/Einf_i_d_Karto/s1.pdf 5. http://129.187.175.5/materials/Einf_i_d_Karto/s2.pdf 				
<p>Examination: 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: Practical exercises- 40 points, Examination - 50 points, a total of 90 points. Total: 100 points. a) If a student realizes 55% of both parts of the form 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. b) The Practical exercises is a prerequisite for taking the exam.</p> <p>Canceling exams: Students who have passed both parts, and are not satisfied with the results achieved in one area, it can be undone. The examination shall take the final exam.</p>				