

Study program:	Road Traffic		
Course title:	Traffic Safety		
Professor/assistant:	Dejan Bogićević/Milan Stanković		
Type of course:	compulsory		
ECTS credits:	8		
Pre-requisites:	-		
Aim of the course			
Aim of the course is acquiring the necessary and specific knowledge of the forms (phenomenology), causes (etiology), terms and other factors which arise and that might endanger people and property in traffic, with a special emphasis on the study of traffic accidents. Gaining knowledge about the possibilities and measures of social interventions aimed at increasing traffic safety.			
Learning outcomes			
Upon completion of this course and after passing the exam, the student is able to:			
<ul style="list-style-type: none"> - define the methods used in traffic safety - describe factors of traffic safety, - classify accidents according to the dynamics, structure and perpetrators, - quantify and analyze the causes of accidents, - predict risks in the field of traffic safety, - create and propose measures of social intervention in order to increase road safety. 			
Syllabus			
<i>Theoretical part</i> - The methods of traffic safety. The term phenomenology of accidents. The mechanism of action of factors of traffic safety. Traffic accidents, the dynamics, structure and consequences of accidents. Evaluation in the area of traffic safety. Perpetrators of accidents. The concept of the etiology of accidents. Quantifying the causes of traffic accidents. Objective factors. Technical factors. Time as a factor in traffic safety. Vehicle as a factor of safety. Natural factors. Social factors. The human factor in traffic safety.			
<i>Practical part</i> - Practical exercises follow the theoretical classes. This course demands a preparation of essay: Statistical analysis of treatment of accidents in a given area with the view to analysis of traffic safety. Methods of graphical representation of data on traffic accidents. Determining the level of risk in road traffic in a specific area in the form of terms of reference. Search relevant content on the Internet. Visiting the economy.			
Literature			
1. Inić M.: Bezbednost drumskog saobraćaja, FTN, Novi Sad, 2002. (in Serbian)			
2. Lipovac K.: Bezbednost saobraćaja, Službeni list SRJ, Beograd, 2008. (in Serbian)			
3. Vujanić M.: Zbirka rešenih zadataka iz bezbednosti saobraćaja, SF, Beograd, 2006. (in Serbian)			
Number of active classes			Other forms of teaching:
Lectures: 45	Practical classes: 45	Research work:	
Teaching methods			
Classes are held in the form of lectures, auditory, computational and graphical exercises, individual and team presentations. This course asks for preparation of Essay - individual and group projects in which students apply their knowledge to solve practical problems.			
Grading system (maximum 100 points), grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51-60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91-100 points.			
Pre-exam obligations	points	Final exam	points
activity during theoretical lectures	10	written exam	50
practical training	10	oral exam	
colloquium(s)/seminar papers	30		
Sum	50	Sum	50