

Study program: Road Traffic			
Course title: The Technique of Traffic Safety and Control			
Professor/assistant : Dejan Bogicevic / Milan Stankovic			
Type of course: compulsory			
ECTS credits: 8			
Pre-requisites:			
Aims of the course Acquiring the necessary and specific knowledge on the methods and procedures of crime scene investigation, preparing findings and expert opinion, and traffic control.			
Learning outcomes By completion of this course and after passing the exam, the student is able to: <ul style="list-style-type: none"> – carry out investigation and reconstruction of simple traffic accidents, – analyze the actions and processes in traffic, – define the relevant parameters for the analysis of traffic accidents, – make findings and opinions of experts in simple traffic accidents, – determine the level of damage to the vehicles, – organize and implement traffic control. 			
Syllabus <u>Theoretical part:</u> The importance and methodology of the investigation and reconstruction of traffic accident. Actions and processes in the traffic. Analysis of the process of moving and stopping vehicles. Expertise traffic accident. Determination of relevant parameters for the analysis of the accident. Determination of the collision. Calculation of the participants of an accident. Temporal-spatial analysis of flow accident. The methods and procedures for determining vehicle damage. Methods and equipment for traffic control. <u>Practical part:</u> Practical exercises follow the theoretical classes. This course asks for preparation of a seminar paper in the field of crime scene investigation and preparation of the investigating documents. Preparing findings and expert opinion (calculations required parameters). Calculating the damage to the vehicle. Practical knowledge and use of traffic control. Search for relevant content on the Internet. Visits to the economy.			
Literature <ol style="list-style-type: none"> 1. Kostic, S., The Technique Safety and Traffic Control, Faculty of Technical Science Novi Sad, Novi Sad, 2002. 2. Dragac R.: М. Вујанић: Traffic Safety, Faculty of Transport and Traffic Engineering Belgrade, Belgrade, 2002. 3. Vujanic M.: Collection Tasks of Traffic Safety, Faculty of Transport and Traffic Engineering Belgrade, Belgrade, 2004. 			
Number of active classes			Other forms of teaching:
Lectures: 45	Practical classes: 60	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 seminar papers - 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	25
practical training	10	oral exam	25
colloquium(s)/seminar papers	20/10		
Sum	50	Sum	50

