

Study program: Road Traffic Engineering			
Course title: Traffic Safety			
Professor/assistant: Nenad Milutinović			
Type of course: Compulsory			
ECTS credits: 6			
Prerequisites: none			
Aims of the course: To study circumstances, causes, conditions and other factors that create phenomena that endanger people and property in traffic, with an emphasis on the study of traffic accidents and basic measures taken to prevent them.			
Learning outcomes: The phenomena that endanger people and property in traffic – an overview. Determining a degree of endangerment in traffic. Managing traffic safety resources. The use of modern technologies in traffic management and control.			
Syllabus: The subject, methods and goals of traffic safety. Basic terms and definitions. Elements of active traffic safety. Elements of passive traffic safety. Phenomenology of traffic accidents (Forms of traffic accidents; Types of traffic accidents; Time and spatial distribution of traffic accidents; Consequences of traffic accidents; Circumstances of traffic accidents; Analysis of traffic safety; Traffic safety indicators); Etiology of traffic accidents; (Causes of traffic accidents; Types of causes; Quantification of causes), Traffic Safety Factors; Strategy for preventing traffic accidents. Possibilities and measures of social intervention.			
Literature: <ol style="list-style-type: none"> 1. Inić, M.: BEZBEDNOST DRUMSKOG SAOBRAĆAJA, Fakultet tehničkih nauka, Novi sad, 2001 2. R. Dragač, M. Vujanić, BEZBEDNOST SAOBRAĆAJA II DEO, Saobraćajni fakultet, Beograd, 2002. 3. Lipovac, K. Jovanović, D. Vujanić, M.: OSNOVE BEZBEDNOSTI SAOBRAĆAJA, Kriminalističko-policijska akademija, Beograd, 2014 			
Total number of active classes: 60		Theory classes: 30	Practical classes: 30
Teaching methods: Lectures: interactive approach, term papers Practical classes: Term papers, reports, presentations, experimental work; Consultations			
Grading system (maximum 100 points) grading scale from 5 to 10: below 51 points – student fails the exam, 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 lectures	max 5	Oral exam	max 50
Practical training	max 5		
Term paper (task)	max 20		
Written tests	max 20		
Minimum for the final exam	30		