

The name of the course:	ROAD SAFETY INSPECTION (RSI) AND ROAD SAFETY AUDIT (RSA)
Number of ECTS: 6	
Lecturer:	
Lecturer associate:	
Course status:	Elective course
Prerequisites:	
Cilj predmeta:	
Acquiring knowledge about the basics of processes, procedures and techniques for the implementation of road safety inspection (RSI) and road safety audit (RSA).	
Course outcomes:	
Acquiring basic knowledge of the basics of the Road Safety Inspection (RSI) and Road Safety Audit (RSA), legal aspects, key stages and implementation modalities, roles and responsibilities of key entities in the process, and procedures and techniques for implementing the Road Safety Inspection (RSI) and Road Safety Audit (RSA). Ability to understand independently, identify problems, and be able to participate in all stages of the organization and implementation of the Road Safety Inspection (RSI) and Road Safety Audit (RSA). Ability to apply theoretical and practical knowledge about implementation of Road Safety Inspection (RSI) and Road Safety Audit (RSA) on specific practical examples.	
Subject outline:	
Theoretical teaching:	
<ol style="list-style-type: none"> 1. Fundamentals of Road Safety Inspection (RSI) and Road Safety Audit (RSA) 2. Legal and institutional-management aspects of the Road Safety Inspection (RSI) and Road Safety Audit (RSA) 3. Databases and traffic accident research 4. Basic parameters of road safety 5. Basic principles of road design (road function, transversal profile, route) 6. Basic principles of road design (intersections, public and private roadside facilities) 7. Basic principles of road design (vulnerable road users, traffic signs, lighting) 8. Basic principles of road design (road belt characteristics, elements of passive protection of road users) 9. Road Safety Inspection Checklists (RSIs) i 10. Road Safety Audit Checklists (RSA) 11. Preparation and implementation of field visits of the road 12. Development of Road Safety Inspection Report (RSI) 13. Development of a Road Safety Audit Report (RSA) 14. Presentation and defense of the report 15. Case study analysis 	
Practical teaching:	
The practical part of the course will be organized in laboratories and field visits through the use of appropriate measuring equipment and software packages to apply the knowledge gained from the theoretical part of the course.	
References:	
<ul style="list-style-type: none"> – D. Jovanov, et al, Practical Guide for Road Safety Auditors and Inspectors, Automobile and Motorcycle Association of Serbia - Center for Motor Vehicles, Belgrade, 2018 – Directive 2008/96/EC of the European Parliament and of the Council on Road Infrastructure Safety Management, The European Parliament and the Council of the 	

European Union, 2008

- O. Lindov, Sigurnost u cestovnom saobraćaju, Fakultet za saobraćaj i komunikacije Univerziteta u Sarajevu, Sarajevo, 2008.
- O. Lindov, et al, Priručnik za cestovnu sigurnost, Udruženje inženjera saobraćaja i komunikacija u Bosni i Hercegovini, Sarajevo, 2018
- O. Lindov, et al, Stručni i pravni dio projektovanja, Udruženje inženjera saobraćaja i komunikacija u Bosni i Hercegovini, Sarajevo, 2013
- Proposal for a Directive of the European Parliament and of the Council amending Directive 2008/96/EC on road infrastructure safety management, The European Parliament and the Council of the European Union, 2019
- Road Safety Inspection Manual, Common problems – Shared solutions, South East Europe Transport Observatory (SEETO) & World Bank, 2016
- Road Safety Manual, PIARC - World Road Association, <https://www.piarc.org/en/>

Number of classes of active teaching (per week):

Lectures:	Exercises:	Other form of lect:	Study and research work:	Other:
3	3	0	0	0

Teaching methods:

- Lecture with multimedia presentation
- Auditorium and laboratory exercise

Grade (maximum number of credits 100)

Pre-exam requirements	credits	Final exam	credits
Activity during lectures		Written exam	50
Practical teaching		Oral exam	
Colloquia	35		
Seminar paper/project	15		
Total credits		Total credits	100