

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

Traffic and Transport Engineering



STUDY PROGRAMME ACCREDITATION MATERIAL:

TRAFFIC AND TRANSPORT ENGINEERING

UNDERGRADUATE ACADEMIC STUDIES

Novi Sad 2012. Prevod sa srpskog jezika:

- Jelisaveta Šafranj
- Ivana Mirović
- Marina Katić
- Vesna Bodganović
- Dragana Gak
- Ličen Branislava



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



00. Introduction	 3
01. Programme Structure	 4
02. Programme Objectives	 5
03. Programme Goals	 6
04. Graduates` Competencies	 7
05. Curriculum	 8
Table 5.2 Course specification	 9
Mathematics 1	 9
Descriptive Geometry and Engineering Drawing	 10
Physics	 11
Knowledge of Goods in Transport 1	 12
Introduction to traffic	 13
Sociological Aspects of Technical Development	 14
Economics	 15
Mechanics 1 – Fundamentals	 17
Mathematics 2	 19
Urban Planning 2	 20
Goods transport logistics properties	 21
Electrical Measurements	 22
English Language – Elementary	 23
Electric Machines and Power Electronics	 24
Electrical Engineering and Electric Machines	 25
German Language – Pre-Intermediate	 26
Freight Forwarding	 27
Mathematical Statistics	 28
Water Transport Technology	 29
Insurance for traffic and transport	 30
English Language – Pre-Intermediate	 31
IC Engine Equipment	 32
Internal Combustion Engines	 33
German Language – Intermediate	 34
Reload Logistics	 35





Information technologies in transport																36
Regulations in the Field of Traffic																37
Operations research																38
Introduction to Logistics																39
Organization of Water Transport																40
Process management in water transport																41
Railway Transport Technology																42
Fundamentals in Traffic Planning																43
Roads and Junctions																44
Traffic Safety																45
Road Traffic Technology																47
Technology of postal traffic																48
System of Public Transportation of Goods																49
Intermodal Transport Technology																50
Traffic Safety and Control Methods																51
Traffic Flow Theory																52
Company Logistics																53
Organization of Railway Transport																54
Road Vehicles													• •			55
Urban-Suburban Rail Transport of Passengers	<u>s</u> .															56
Towing vehicles and trains			_	_										_	_	57
Maintenance and availability of means of	-		•	•	•							-				58
transport	•	 •	•	•	•	• •	•	•			•	•	• •			00
Traffic Accidents Expertise	•	 •	•	•	·		•	•	• •	•	•	•	• •	•		59
Traffic Regulation and Control		 •	•	•	•		•	•	• •	•	•	•	• •	•		60
Parking and Public Parking Garages	•	 •	•	•	•		•	•	• •	• •	•	•	• •			61
Urban Public Transport	•			•	•				• •		•		• •	•		62
Road Capacity		 •	•	•			•	•	• •	•	•	•	• •	•		63
English Language in Traffic and Transport				•	•								• •			64
German Language for Engineers 1		 •	•				•	•								65
Traffic Terminal Servers																66
Urban Public Transport Technology																67
Traffic Planning Models																68
Professional Practice																69



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Final – Bachelor Thesis	
Organization of Road Traffic	
The organization and management of	
transport enterprises 06. Programme Quality, Contemporaneity and International	
Compliance	
07. Student Enrollment	
08. Student Evaluation and Progress	
09. Teaching Staff	
Adžić Z. Nevenka	
9.1. Science, arts and professional qualifications	
Adžić Z. Nevenka	
Avdalović A. Veselin	
Bačkalić M. Todor	
Basarić B. Valentina	
Berić B. Andrijana	
Bogdanović Z. Vuk	
Bogdanović Ž. Vesna	
Časnji F. Ferenc	
Čavić M. Maja	
Ćosić I. Đorđe	
Dorić Ž. Jovan	
Đurić M. Nikola	
Gak M. Dragana	
Georgijević S. Milosav	
Gilezan K. Silvia	
Gladović V. Pavle	
Grahovac M. Nenad	
Ivanišević V. Andrea	
Jovanović M. Dragan	
Jović Đ. Miomira	
Juhas T. Anamarija	
Katić M. Marina	
Klinar J. Ivan	
Kostić I. Svetozar	





Kozmidis-Luburić F. Uranija	 131
Kujačić D. Momčilo	 133
Ličen S. Branislava	 135
Lošonc N. Alpar	 140
Miličić S. Milica	 142
Milojević D. Zoran	 144
Mirović Đ. Ivana	 146
Mitrović M. Slavica	 151
Navalušić V. Slobodan	 153
Nikoličić S. Svetlana	 155
Obradović M. Ratko	 157
Oros V. Đura	 159
Pantović B. Jovanka	 161
Papić M. Zoran	 163
Pejić V. Dragan	 164
Pjevalica U. Nebojša	 166
Prša A. Miroslav	 168
Radivojević D. Radoš	 169
Simeunović M. Milan	 171
Simić S. Dragan	 173
Spasić T. Dragan	 175
Stojanović M. Đurđica	 177
Stojić S. Gordan	 179
Šafranj F. Jelisaveta	 181
Štulić B. Radovan	 186
Tanackov J. Ilija	 188
Tepić Đ. Jovan	 190
Uzelac D. Đorđe	 192
Vladić M. Jovan	 193
Vučinić-Vasić T. Milica	 195
Vukajlov D. Ljiljana	 197
Žigić M. Miodrag	 199
Župunski Ž. Ivan	 201
10. Organizational and Material Resources	 203



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Content

11. Quality Control

12. Distance Education

_____ 204 _____ 205



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

HORN BOOM

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Programme name	Traffic and Transport Engineering
Independent higher education institution where the programme is being executed	University of Novi Sad
Higher education institution where the programme is being executed	Faculty of Technical Sciences
Educational-scientific/educational-art field	Technical-Technological Science
Scientific, proffesional or art field	Traffic Engineering
Type of studies	Undergraduate Academic Studies
Study scope, expressed in ECTS	240-241
Academic degree, abbreviation	Bachelor with Honours in Traffic Engineering, B.Traff.Eng.
Study length	4
Programme implementation starting year	2005
Future course implementation starting year (for new programme)	
Number of students attending this programme	436
Planned number of students to be enrolled in this programme	560
Programme approval date (state the approval issuer)	14.11.2012 - Science Education Council 29.11.2012 - University of Novi Sad Senate
Programme language	Serbian, English
Programme accreditation year	2008
Web address containing programme information	http://www.ftn.uns.ac.rs



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Standard 00. Introduction

The study programme of undergraduate academic studies in Traffic and Transport is an interdisciplinary study programme at the Faculty of Technical Sciences. Apart from professional and professional-applicative knowledge taught at the Department of Traffic Engineering, it also includes knowledge from the Departments for Mathematics, Mechanics and Physics, Constructive Mechanical Engineering and Design, Civil Engineering, Computer Sciences, etc.

Constant increase in the mobility of population and trade worldwide, as well as the need for sustainable development, demand the profile of an expert who can answer the wide range of items in the field of traffic and transport. Solving complex traffic and transport problems, i.e. planning, organization, management and exploitation in traffic and transport demand for specialized and multidisciplinary knowledge in order to provide solutions that satisfy the set criteria (safety, reliability, rationality, ecological acceptance, economics, rentability, profitability, etc.).

The study programme should also be regarded as an answer to the demands from practice, where it is a proven fact that traffic engineers can have a wide range of knowledge from diverse fields of science. The programme enable students to obtain important knowledge in the field of transport, logistics, traffic safety, traffic planning and design, as well as technical disciplines which are directly or indirectly related to traffic and transport.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Standard 01. Programme Structure

The name of the undergraduate academic study programme is Traffic and Transport. The academic title acquired is the Bachelor in Traffic Engineering. The outcome of the learning process is the knowledge which enables students to use the professional literature, apply the knowledge to the problems encountered in their professional work, as well as to continue their education, in case the students decide to do so.

The requirements for admission to this study programme are completed four years of high school education and successfully passed entrance examination. The entrance examination tests the knowledge of mathematics (it is worth max 60 points) and is considered to be passed if the candidate has obtained at least 14 points.

The undergraduate academic study programme Traffic and Transport which lasts for four years has one study group.

The teaching process takes the form of lectures and practice classes. During the lectures the topics are presented using suitable didactic materials, and necessary implantations which contribute to the better understanding of the subject matter. The practice classes, which accompany the lectures, are devoted to solving practical problems and presenting additional examples to illustrate the matter further. This is also the opportunity to provide additional explanations for the material covered during the lectures. The practice classes can be auditory, laboratory, computer or calculation classes. They can partially be held in companies of other institutions, or they can be terrain practice.

The size of the group depends on the type of practice class. The student assignments at these classes may include: writing a seminar paper or doing homework, projects, semester or graphic assignments, where each student's activity is monitored and evaluated during the teaching process according to the regulations adopted by the Faculty. The student's score is represented by the uniform methodology and reflects the weight load on students in all aspects of teaching activities.

Each course is worth a certain number of ECTS (European Credit Transfer System) credits and the studies are considered to be completed after the student has fulfilled all the obligations prescribed by the study programme and has attained the minimum of 240 ECTS credits.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

A REAL PROPERTY OF THE PROPERT

Study Programme Accreditation

Traffic and Transport Engineering

Standard 02. Programme Objectives

The purpose of the study programme is the education of students for the profession of a traffic engineer in accordance to the needs of the industry and the society.

Traffic and Transport study programme is designed to ensure the acquired competences which are justified and useful for the society. The Faculty of Technical Sciences has defined the fundamental tasks and aims in educating highly competent professionals in the field of engineering. The purpose of the Traffic and Transport study programme is in accordance with the basic tasks and aims of the Faculty of Technical Sciences.

Realization of the thus structured study programme educates engineers in the field of traffic engineering who are competent at the European and international level.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

State State

Study Programme Accreditation
UNDERGRADUATE ACADEMIC STUDIES Traffic and T

Traffic and Transport Engineering

Standard 03. Programme Goals

The aim of the study programme is to achieve competence and academic skills in the field of traffic and transport. This, among others, includes mastering specific practical skills necessary to perform profession, developing creative skills regarding research problems and critical thinking ability, as well as developing skills in team work and the awareness on the necessity for constant learning and improvement even after the study completion.

The aim of the studies is to educate professionals who possess the necessary knowledge in the field of fundamental engineering disciplines (mathematics, mechanics, etc), scientific-professional and professional-applicative courses, as well as the application of contemporary information technologies. One of the specific objectives, consistent with the goals of education of experts at the Faculty of Technical Sciences, is to develop the awareness with students of the need for lifelong learning, development of the society as a whole and environmental protection. The aim of the study programme is also the education of professionals in the area of teamwork, as well as the development of skills for communicating and transferring their own knowledge to the professional and general public.

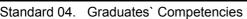


FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering



Traffic engineers have the competence to solve real life problems in practice as well as to continue education if they decide to do so. Their competences include, primarily, critical thinking, the ability to analyze a problem, synthesize a solution, predict the behaviour of the chosen solution with the clear idea of the advantages and disadvantages of the chosen solution. Also, completed students at this level of studies give a great attention to monitoring and applying innovations in profession, as well as cooperating with local social and international surroundings.

With regard to their specific competences, students who have completed this study programme have acquired a thorough understanding of disciplines in all professions as well as the ability to solve practical problems using scientific methods and procedures. In view of the interdisciplinary character of the study programme the students' ability to relate the basic knowledge from various areas and apply them appropriately is of particular importance. Students who have completed Traffic and Transport study programme are capable of adequate writing and presenting the results of their work.

The competence of the completed student of traffic and transport, i.e. traffic engineer, can be observed in the readiness for individual work in the following areas of traffic and transport:

- Traffic planning, design and control – planning mobility and its consequences, analysing and monitoring the travelling start and end points, analysing traffic flows and determining road capacity, designing traffic signalization and systems for traffic control, operational work in traffic regulation and control, and solving traffic problems in urban areas.

- Traffic safety – gathering, processing and analyzing data on traffic accidents, traffic accident expertise, damage assessment, traffic accident prevention, analyzing the driver training system, proposing measures and actions for increasing traffic safety.

- Technology and organization of transport– gathering and processing data on passenger and freight flows, defining work organization in passenger and freight traffic, selecting vehicles and determining itinerary in freight traffic, defining routes and number of lines in passenger traffic, work organization and control in public passenger transport companies, monitoring exploitation indicators for drivers and vehicle work, cost monitoring and the increase in productivity, economics and profitability in transport companies, as well as operation business in transport companies.

- Freight forwarding, logistics and intermodal transport systems – monitoring and forming freight flows in international freight transport, services in organizing freight transport for third parties, transport organization by applying modern intermodal transport technologies, organizing and forming logistic chains, defining and organizing supply chains, work organization in freight transport centres, organizing and managing warehouses and warehouse loading mechanization.

Apart from fundamental competencies characteristic for traffic engineering, the significance of multidisciplinarity of this study programme in the aspect of working in state services (ministries, local government, public companies) should also be emphasized. Traffic engineers with acquired qualitative knowledge in several diverse fields of engineering, trained to observe problems from general towards individual and vice versa, and with the developed ability for teamwork present an important cohesion factor in state services in charge of spatial and urban planning, building, infrastructure, etc.

The students are able to design, organize and manage transport systems. Throughout their education the students acquire the ability to independently perform experiments, statistical analysis of data as well as to formulate results and draw adequate conclusions.

Students who have graduated from the Traffic and Transport study programme acquire the knowledge how to economically use the natural resources of the Republic of Serbia in accordance with the principles of sustainable development.

Special attention is given to developing skills for teamwork and the development of professional ethics.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Standard 05. Curriculum

The curriculum of undergraduate academic studies in Traffic is designed to fulfil all the defined objectives. The structure of the study programme secures that about 15% of the courses belong to the academic and general education subjects, about 20% are theoretical and methodological courses, about 35% are scientific and professional courses and 30% are professional and applied courses. It has also been ensured that the elective courses represent at least 20% of ECTS credits. In addition to this, the courses on this study programme can be divided into:

- Group of courses in fundamental engineering disciplines (mathematics, mechanics, etc.)
- Group of courses in programming and application of contemporary software packages
- Group of courses in transport system technologies
- Group of courses in traffic system planning, design and control
- Group of courses in traffic safety

- Group of courses in logistics, shipment and intermodal transport systems.

First two groups present the fundamental, general education of students, while the remaining four groups are considered to be professional, where the students learn about the complex problems in traffic and transport through fields and characteristic elements in transportation systems.

Each course lasts one term and is worth a certain number of ECTS credits where one credit is equivalent to approximately 30 hours of work. The order of courses is defined so as to ensure that the prerequisite knowledge for one course is attained in the previously attended courses.

The curriculum defines each course in terms of its name, type of course, year and semester of studies, number of ECTS credits, name of the teacher, objectives of the course and expected outcomes, knowledge and competences, pre exam assignments for attending the course, content of the course, recommended literature, methods of teaching, types of evaluation and other.

The study programme is in line with European standards regarding admission requirements, duration of studies, enrolling the following year of studies, obtaining a diploma and mode of study.

Professional practice and practical work of 45 hours forms a constituent part of the curriculum in traffic and is carried out in suitable scientific and research institutions, companies and institutions dealing with traffic and transport.

A student's studies are completed with the production of a Bachelor Thesis which consists of theoretical and methodological framework necessary for the in depth understanding of the area in which the Bachelor thesis is done and the production of the thesis itself.

Prior to the defence of the thesis the candidate takes an exam on the theoretical and methodological bases in front of the thesis supervisor. The final grade of the Bachelor Thesis is based on the grade of theoretical and methodological preparation and the grade of the production and defence of the Thesis itself. Bachelor thesis is defended before a committee of at least three professors.



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:									
Course	id:	S011				Mathematics	1		
Number	of ECTS:	6							
Teacher	r:		Gilezan K. S	ilvia					
Course	status:		Mandatory						
Number	of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3	3		0		0		0	
Precond	lition courses	-		None					
1. Educa	ational goal:								
						thematical analysis. Deve knowledge in other gener			
2. Educa	ational outcom	nes (acquire	d knowledge):					
						course. Students are abl	le to use the acquired	d knowledge	in further
3. Cours	se content/stru	icture:							
and Gau Polynon bounda	uss` algorithm nials (polynom) Vector alg nial zeros, fa nvergence a	gebra and an actoring over and divergen	alytic geome the set of rea ce). Real fur	try in space al and con	mbers. Determinants and ce P3 (straight line and p nplex numbers, rational fu one variable (boundary v	lane) Matrices (opera unctions). Sequences	ations, invers (accumulation	e matrix). on points,
Lectures in order and the individu presents	to better unde knowledge fro al students or	n practice. In erstand the s om the lecto small grou unit, can be	subject matte ures is deepe ips. Homewo passed durin	er. In practice ened. Beside ork assignme	classes, v s lectures nts are gi	Theoretical part of the le which accompany the lect and practice classes, co ven after each finished o in the form of the followin	ures, typical problem onsultations are held chapter. Part of the c	s are further o on a regular ourse materi	explained basis for al, which
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	ions	Mandatory	Points	Final ex		Mandatory	Points
	um exam			Yes		Theoretical part of the ex		Yes	30.00
	e attendance			Yes		Practical part of the exan	n - tasks	Yes	40.00
Homew	attendance			Yes Yes	5.00 5.00	-			
Lecture	attendance			res		ature			
Ord.	Λ	uthor			Title		Publishe)r	Year
1.	J. Nikić, L. Č		Mater	Matematika jedan, I deo FTN Novi Sad					
2,	T. Grbić, S. L J. Pantović i	ikavec. T. L	ukić	•		atematike jedan	FTN Novi Sad	2002 2004	
3,	S. Gilezan		Izvod	iz predavanja	a iz Matem	natike I	http://imft.ftn.ns.ac.y	∕u/~silvia	2007



Γ

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



T

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:													
Course	id: S	012		Descrip	Descriptive Geometry and Engineering Drawing									
Numbe	er of ECTS: 6													
Teache	ers:	Miloje	ević D. Z	Zoran, Navalı	ıšić V. Slol	bodan, Obradović M. Rat	ko, Štulić B. Radova	n						
Course	status:	Mand	latory											
Numbe	r of active teachi	ng classes (wee	ekly)											
		Practical classe	-	Other teachi	na types:	Study resea	arch work:	Other cla	asses:					
	3	3		1	5 51	0		0						
Precon	dition courses			None										
	cational goal:													
combin	ned forms. Maste	ering basic proc	cedures,	, concepts a	nd method	ineering knowledge on t ds of forming technical d to independently develo	rawing as an activity	which is a n	ecessar					
2. Educ	cational outcome	s (acquired kno	wledge)):										
	standing geometr					2D representation. Use	of computer in desig	n and develo	opment o					
3. Cour	rse content/struct	ture:												
tangent platoes Technie	ts and spatial cur on a topographic cal drawing stan	rve; co linearity cal surface. ndards. Basic e	and affineters	inity, cross se s of enginee als in enginee	ections of s	ometric shapes and sur surfaces; dimension line p netry. Coordinate system hics. 2D space and 2D tra	projection, designing ns. Descartes, polar,	roads, crossr	roads and spherica					
comple projecti lines ar positior drawing aided p 4. Teac	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods:	ns. Drawing obj Other ways of ucture of data fo aximum materia gear drive, fric	ects fro graphic or engin al condi ction driv	c representati neering graph ition. Markin ve, belt drive	iews. Cros on. Visual nics. Engin g the qua , chain dri	iss sections. Drawing obj ization. Visualization tecl reering graphics standar lity of surface. Assembly ive, shafts and axles, be	ects from one view. hniques with enginee ds. Dimensioning. To y drawing. Worksho	Axonometry. ering drawings plerancing. Si p drawing. S	Cavalie s. Hidder hape and chematio					
comple projecti lines ar positior drawing aided p 4. Teac	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods:	ns. Drawing obj Other ways of ucture of data fo aximum materia gear drive, fric	ects fro graphic or engin al condi ction driv	c representati neering graph ition. Markin ve, belt drive nerical/calcula	iews. Cros on. Visual nics. Engir g the qua , chain dri , chain dri	ss sections. Drawing obj lization. Visualization tech neering graphics standard lity of surface. Assembly ive, shafts and axles, be ice. Consultations.	ects from one view. hniques with enginee ds. Dimensioning. To y drawing. Worksho	Axonometry. ering drawings plerancing. Si p drawing. S	Cavalie s. Hidder hape and chematio					
comple projecti lines ar positior drawing aided p 4. Teac	ex transformation ion. Perspective. nd surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	c representati neering graph ition. Markin ve, belt drive nerical/calcula Knowledge e	iews. Cros on. Visual nics. Engin g the qua , chain dri ation practi	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points)	ects from one view. hniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: blerancing. S p drawing. S lamentals in d	Cavalie s. Hidde hape and chemati compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods:	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	c representati neering graph ition. Markin ve, belt drive nerical/calcula Knowledge e Mandatory	iews. Cros on. Visual nics. Engin g the qua , chain dri ation practi evaluation Points	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final es	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: olerancing. S p drawing. S damentals in Mandatory	Cavalie s. Hidde hape an chemati compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis	ex transformation ion. Perspective. nd surfaces. Stru- n tolerances. Ma g. Transmission: oroduct design. ching methods: es; Computer pra- Pre-examination se attendance	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	c representati neering graph ition. Markin ve, belt drive nerical/calcula Knowledge e	iews. Cros on. Visual nics. Engin g the qua , chain dri ation practi evaluation Points	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points)	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: blerancing. S p drawing. S lamentals in d	Cavalie s. Hidden hape and chemati compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- Pre-examination e attendance vork	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	c representati neering graph ition. Markin ve, belt drive nerical/calcula Knowledge e Mandatory Yes	iews. Cros on. Visual nics. Engin g the qua t, chain dri ation practi evaluation Points 5.00	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final es	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: olerancing. S p drawing. S damentals in Mandatory	Cavalie s. Hidde hape an chemati compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- Pre-examination e attendance vork	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	c representation neering graphition. Markin ve, belt drive nerical/calcula Knowledge e Mandatory Yes Yes	iews. Cros on. Visual hics. Engin g the qua , chain dri ation practi evaluation Points 5.00 5.00	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final es	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: olerancing. S p drawing. S damentals in Mandatory	Cavalie s. Hidde hape an chemati compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew Lecture Project	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra Pre-examination e attendance vork vork e attendance task	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	representation neering graphition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua , chain dri ation practi evaluation Points 5.00 5.00 5.00 5.00 15.00	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final es	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: olerancing. S p drawing. S damentals in Mandatory	Cavalie s. Hidde hape an chemati compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Lecture Project Project	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra Pre-examination e attendance vork vork e attendance task	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	representation ition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua , chain dri ation practi evaluation Points 5.00 5.00 5.00 15.00 15.00	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final es	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: olerancing. S p drawing. S damentals in Mandatory	Cavalie s. Hidden hape and chemati compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew Lecture Project Test	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra Pre-examination e attendance vork vork e attendance task	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	representation ition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua the qua th	ss sections. Drawing obj lization. Visualization tech neering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final es	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: olerancing. S p drawing. S damentals in Mandatory	Cavalie s. Hidden hape and chematic compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Lecture Project Project	ex transformation ion. Perspective. nd surfaces. Stru n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra Pre-examination e attendance vork vork e attendance task	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a	ects fro graphic or engin al condi ction driv	representation ition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua , chain dri evaluation Points 5.00 5.00 5.00 15.00 15.00 15.00 10.00 10.00	ss sections. Drawing obj lization. Visualization tech neering graphics standard lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final ex Practical part of the exam	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func	Axonometry. ering drawing: olerancing. S p drawing. S damentals in Mandatory	Cavalie s. Hidder hape and chematio					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Lecture Project Project Test Test	ex transformation ion. Perspective. Ind surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- pre-examinations e attendance vork vork e attendance task task	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, fric ctice. Graphic a on obligations	ects fro graphic or engin al condi ction driv	representation ition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua , chain dri evaluation Points 5.00 5.00 5.00 15.00 15.00 15.00 15.00 10.00 10.00 Litera	ss sections. Drawing obj lization. Visualization tech neering graphics standard lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final e: Practical part of the exan ature	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks	Axonometry. ering drawing: olerancing. S p drawing. S lamentals in o Mandatory Yes	Cavalie s. Hidder hape and chematic compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew Lecture Project Test Test Ord.	ex transformation ion. Perspective. nd surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- pre-examination e attendance vork vork e attendance task task task	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, frice ctice. Graphic a on obligations	and num	representation intering graphition. Markin ve, belt drive merical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua the qua th	ss sections. Drawing obj lization. Visualization tech eering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final ex Practical part of the exam ature	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks n - tasks	Axonometry. ering drawing: olerancing. S p drawing. S lamentals in o Mandatory Yes	Cavalie s. Hidder hape and chematic compute Points 30.00					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew Lecture Project Test Test Ord. 1,	ex transformation ion. Perspective. nd surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- vork vork e attendance vork vork e attendance task task task dobradović Rati	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, frice ctice. Graphic a on obligations	ects fro graphic or engin al condi ction driv and num	representation neering graphition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua , chain dri evaluation Points 5.00 5.00 5.00 15.00 15.00 15.00 15.00 15.00 10.00 10.00 Litera Title , autorizov	ss sections. Drawing obj lization. Visualization tech neering graphics standard lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final example Practical part of the example ature	ects from one view. hniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks n - tasks Publishe FTN	Axonometry. ering drawing: olerancing. S p drawing. S lamentals in o Mandatory Yes	Cavalie s. Hidder hape and chematic compute Points 30.00 Year 2005					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Lecture Project Test Test Ord. 1, 2,	ex transformation ion. Perspective. nd surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- pre-examinations work vork e attendance task task task task Obradović Rati Obradović Rati Stojaković	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, frice ctice. Graphic a on obligations on obligations	ects fro graphic or engin al condi ction driv and num	representation neering graphition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the qua , chain dri evaluation Points 5.00 5.00 5.00 15.00 15.00 15.00 15.00 15.00 10.00 10.00 Litera Title , autorizov	ss sections. Drawing obj lization. Visualization tech eering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final ex Practical part of the exam ature	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks n - tasks FTN FTN FTN	Axonometry. ering drawing: plerancing. S p drawing. S lamentals in Mandatory Yes	Cavalie s. Hidden hape and chematic compute					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew Lecture Project Test Test Ord. 1,	ex transformation ion. Perspective. nd surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- pre-examinations work vork e attendance task task task task Obradović Rati Obradović Rati Stojaković Lazar Dovnikov	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, frice ctice. Graphic a on obligations on obligations thor ko, Vesna vić	ects fro graphic or engin al condi ction driv and num	representation neering graphition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the quai c, chain dri evaluation Points 5.00 5.00 5.00 10.00 10.00	ss sections. Drawing obj lization. Visualization tech neering graphics standard lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final example Practical part of the example ature	ects from one view. hniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks n - tasks Publishe FTN	Axonometry. ering drawing: plerancing. S p drawing. S lamentals in Mandatory Yes	Cavalie s. Hidden hape and chematii compute Points 30.00 Year 2005					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Lecture Project Test Test Ord. 1, 2,	ex transformation ion. Perspective. nd surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- pre-examinations work vork e attendance task task task task Obradović Rati Obradović Rati Stojaković	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, frice ctice. Graphic a on obligations on obligations thor ko, Vesna vić	ects fro graphic or engin al condi tion driv and num	representationeering graphition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the quai c, chain dri ation practi evaluation Points 5.00 5.00 5.00 15.00 15.00 15.00 15.00 15.00 10.00 10.00 Litera Title , autorizov	ss sections. Drawing obj lization. Visualization tech neering graphics standard lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final example Practical part of the example ature	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks n - tasks FTN FTN FTN	Axonometry. ering drawing: plerancing. S p drawing. S lamentals in Mandatory Yes	Cavalie s. Hidden hape and chematic compute Points 30.00 Year 2005 2005					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew Lecture Project Project Test Ord. 1, 2, 3,	ex transformation ion. Perspective. Ind surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- pre-examination se attendance vork vork e attendance task task task task task Obradović Ratt Obradović Ratt Stojaković Lazar Dovnikov G. Bertoline, E others F. Giesecke, A	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, frice ctice. Graphic a on obligations on obligations thor ko, Vesna vić	ects fro graphic or engin al condi tion driv and num Nacrtn Zbirka Nacrtn Funda	representationeering graphition. Markin ve, belt drive herical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the quai c, chain dri evaluation Points 5.00 5.00 5.00 15.00 15.00 15.00 15.00 15.00 15.00 10.00 10.00 Litera ratka iz Na	ss sections. Drawing obj lization. Visualization tech eering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final ex Practical part of the exan Practical part of the exan ature	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks Publishe FTN FTN Univerzitet u Novor	Axonometry. ering drawing: plerancing. S p drawing. S lamentals in Mandatory Yes	Cavalie s. Hidden hape and chematic compute Points 30.00 Year 2005 2005 2002					
comple projecti lines ar positior drawing aided p 4. Teac Lecture Exercis Homew Homew Lecture Project Test Test Ord. 1, 2, 3, 4,	ex transformation ion. Perspective. Ind surfaces. Stru- n tolerances. Ma g. Transmission: product design. ching methods: es; Computer pra- pre-examination se attendance vork vork e attendance task task task task tobradović Ratt Obradović Ratt Stojaković Lazar Dovnikov G. Bertoline, E others	ns. Drawing obj Other ways of Jucture of data for aximum materia gear drive, frice ctice. Graphic a on obligations on obligations thor ko, Vesna vić E, Wiebe, and	ects fro graphic or engin al condi tion driv and num Nacrtn Zbirka Nacrtn Funda Mode	representation reering graphition. Markin ve, belt drive merical/calcula Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	iews. Cros on. Visual nics. Engin g the quai c, chain dri ation practi evaluation Points 5.00 5.00 5.00 5.00 15.00 15.00 15.00 10.00 10.00 Litera Title , autorizov ataka iz Na graphics cc Communic	ss sections. Drawing obj lization. Visualization tech eering graphics standar lity of surface. Assembly ive, shafts and axles, be ice. Consultations. (maximum 100 points) Final e: Practical part of the exam ature vana predavanja-skripta acrtne geometrije	ects from one view. nniques with enginee ds. Dimensioning. To y drawing. Worksho arings, brakes. Func kam n - tasks Publishe FTN FTN Univerzitet u Novor McGraw-Hill	Axonometry. ering drawing: olerancing. S p drawing. S lamentals in Mandatory Yes er n Sadu	Cavalie s. Hidder hape and chematic compute Points 30.00 Year 2005 2002 2002					



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:								
Course	id:	S014				Physics			
Numbe	r of ECTS:	6							
Teache	er:		Kozmidis-Lu	burić F. Urani	ja				
Course	status:		Mandatory						
Numbe	r of active tead	ching classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	earch work:	Other cla	asses:
	3	2		1			0	0	
Precon	dition courses	-		None					
1. Educ	cational goal:								
Gaining	g fundamental	knowledge i	n physics.						
2. Educ	cational outcon	nes (acquire	d knowledge):					
Student	ts understand	phenomena	and process	es in enginee	ering base	d on laws of physics.			
3. Cour	se content/stru	ucture:							
field. W	Vork, power ar	nd energy. (Gravitation. I	Elements of s	special the	point (kinematics and d eory of relativity. Mecha ment. Acoustics. Optics (nics of fluids. Therm	al physics. P	hysics of
	ching methods:	:							
	es, computatior		boratory pra	ctice and con	sultations.				
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligat	ions	Mandatory	Points	Final e	exam	Mandatory	Points
Exercis	e attendance			Yes	5.00	Coloquium exam		Yes	70.00
Laborat	tory exercise d	efence		Yes	20.00				
Lecture	e attendance			Yes	5.00				
	i				Liter	ature			
Ord.		Author			Title		Publishe	er	Year
1,	Janjić, Bikit, M. Satarić U		Fizika	lill					2005
2,	Luburić i dr.			a rešenih zada	ataka iz fiz	ike drugi deo	FTN-Novi Sad		2005
3,	M. Vučinić, E M. Đurić	D. Cirić, T. Š	^{krbić,} Zbirka	a zadataka iz	fizike		FTN Novi Sad		2005
4,	U. Kozmidis- Gruiić. T. Šk	rbić. M. Đuri	ć Zbirka	a zadataka iz	fizike		Fakultet tehničkih n Sad	auka Novi	2005
5,	U. Kozmidis- Grujić, T. Šk	·Luburić, S. rbić		kum labarato	rijskih vežl	bi iz fizike I deo	FTN-Novi Sad		2004
6,	U. Kozmidis- Budinski-Pet		Prakti	kum labarato	rijskih vežl	bi iz fizike, II deo	FTN Novi Sad		2004



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

Traffic and Transport Engineering

Course:					_		_						
Course	id:	S015A		Knowledge of Goods in Transport 1									
Number	of ECTS:	4											
Teache	rs:	S	tojić S. Gor	ić S. Gordan, Tanackov J. Ilija									
Course	status:	Ν	landatory										
Number	of active teac	hing classes	(weekly)										
L	ectures:	Practical cl	asses:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:				
	2	1		0 0 1									
Precond	lition courses			None									
1. Educa	ational goal:												
Education of students at this course provides the knowledge on the basic classification of goods and conditions of their transport, starting from the basic administrative conditions (standards and standardization) to technical and technological conditions of transport of goods.													
2. Educ	ational outcom	es (acquired	knowledge):									
2. Educational outcomes (acquired knowledge): Application of the acquired knowledge on the technical, technological, administrative and ecological conditions of transport of all important types of goods, with emphasis on the transport of hazardous materials. Knowledge on the specific characteristics of goods presents the basic precondition for the proper selection of the transport and reload means, technologies and organization of transport as well as ways of storing and storage handling, without any or with the acceptable change in the quality and quantity of goods.													
3. Cours	se content/stru	cture:											
in transp product	oort. Technolog	gy of water. I products of	Power engir metallurgy.	neering and end Important pro	nergy sou	nation. Standards and sta rces. Products of chemica metal industry. Wood and	al industry. Plastic ma	aterials. Agro	-chemical				
4. Teacl	ning methods:												
Auditory	lectures and	practice class	ses.										
				Knowledge e	valuation	(maximum 100 points)							
	Pre-examina	tion obligatio	ons	Mandatory	Points	Final e	kam	Mandatory	Points				
Exercise	e attendance			Yes	5.00	Coloquium exam		Yes	20.00				
	attendance			Yes		Oral part of the exam		Yes	50.00				
Term pa	aper			Yes	20.00								
1			-			ature							
Ord.		uthor			Title	<u>}</u>	Publishe "IP VIŠA KNJIGA" E		Year				
1,	Mirko Vlahov	ić, Ilija Tanao	kov Pozna	avanje robe			d.o.o.	Deograd	2005				
2,	Špagnut, D			ološke osobin			Saobraćajni fakulter	t, Beograd	1984				
3,	Ljubomir Petr	rović		Transport opasne robe u drumskom saobraćaju Trigon inženjering Beograd 2004 "Upoznavanje restruktuiranog ADP-a" Trigon inženjering Beograd 2004									
4,	Laslo Poljak		Priruč	Priručnik za prevoz opasnih materija Institut za preventivu, Novi Sad 2006									
5,	Mirko Vlahov			avanje robe					2001				
6,	Tereza Lekić	, Mirko Vlaho	Roba	i tehnološki ra	azvoj		Savremena adminis	stracija	1992				



Г

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course				Introduction to traffic								
Course	id:	SO16N										
Number	r of ECTS:	4										
Teache	r:		Miličić S. M	lilica								
Course	status:		Mandatory									
Number	r of active tead	hing classe	es (weekly)									
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:			
	2	1		0		0		1				
Precon	dition courses	-		None								
1. Educational goal:												
The acquisition of basic science knowledge that makes a subset of traffic (subsystem) general assemblies (systems) that science develops and systematize all knowledge of traffic and thus provides a basis for the development and operation of transportation professionals.												
2. Educational outcomes (acquired knowledge):												
traffic a redistrib then pa organiz conseq 3. Cours 1. Traff transpo	Enabling students to understand that science generates traffic and developed through the process of growth of knowledge about the traffic and the reciprocal effects of transport and the environment in which it takes place as a matter of studying the process of redistribution of previously trained scientific fields. Applying science parts of the laws of motion of the body through different environments, then parts of the technical areas of technological and technical conditions and the organization of transport and technology and organization of the movement of vehicles and using parts of the social sciences on the social and economic causes, terms and consequences of the establishment, operation and development of transport, a new area: traffic science as a single integral unit. 3. Course content/structure: 1. Traffic Traffic waist Sciences; 2. Economic substance of traffic; 3. Traffic production; 4. Transport systems; 5. The importance of transport in the economy and society; 6. Sustainable Development and Transport.											
Auditor		l exercises				on for completing the ex nd oral part of 90.0 poin		ance at lectu	es to 5.0			
			<u> </u>			(maximum 100 points)						
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points			
Exercis	e attendance			Yes	5.00	Theoretical part of the ex	am	Yes	40.00			
Lecture	attendance			Yes	5.00	Oral part of the exam		Yes	30.00			
Term pa	aper			Yes	20.00							
					Liter	ature						
Ord.	A	Author		Title Publisher					Year			
1,	Profesor dr N	/ilan Adam	ovic Uvo	vic Uvod u saobracaj				Saobracajni fakultet, Beograd 19				
2,	Profesor dr N	Ailan Adam	ovic Uvo	d u saobracaj 2	2		Saobracajni fakulte	t, Beograd	2000			
3,	Dr Snezana	Pejcic-Tarle	e Sao	bracajna ekono	omika i pol	itika	Saobracajni fakulte	t, Beograd	2005			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Course specification

Course:	_		Sociological Aspects of Technical Development							
Course id:	E251									
Number of ECTS:	3									
Teacher:		Radivoje	adivojević D. Radoš							
Course status:		Elective	Elective							
Number of active tead	hing classe	es (weekly)							
Lectures:	Practical	classes:	Other teaching types:	Study research work:	Other classes:					
2	()	0 0 0							
Precondition courses			None							

1. Educational goal:

Enabling engineers to understand social importance and role of technical sciences in the society development, positive and negative implications of technical sciences to the development of society and a person, as well as their own social importance and responsibility in the creation of humane society.

2. Educational outcomes (acquired knowledge):

Acquisition of social knowledge on features, sources, social functions of technology and creators of technical knowledge; knowledge on the impact of the nature of social systems on technical development and the impact of technology on the development of a society; knowledge on the impact of technology on processes and changes in modern society: globalization, changes in the work content and forms of work organization, changes in communication, culture, education, democracy, way of life and thinking, knowledge on the negative aspects of technological development, nature destruction, work alienation, creation of risky society.

3. Course content/structure:

Technical knowledge: features and social functions of technology, sources of technical knowledge, creators of technical knowledge, dissemination of technical knowledge, scientific-technical potential, science and technology relationship. Relationship between technology and society: the impact of society on technical development and the impact of technical sciences on the development of society. Industrial and information society. The impact of technology on life, awareness and culture. Technology and globalization: causes and dimensions of globalization, technological gap, brain drain. Technology and work organization: flexible production, network organizations, knowledge economy, electronic economy. Technical sciences and work: reduction of working hours, change of work content, decline of the work importance. Technology and alienation at work: the impact of technology, forms of alienation, humanization of labour. Mass media and communications: global television, the impact of television on society, media theories, mobile telephony and the Internet, the impact of the Internet on society, media imperialism, mass culture, cyber criminal. Technology and education: education and new communication technological gap, virtual universities, intelligence and educational success. Technology and democracy: global media and liberal democracy, media and virtual reality, resistance and alternatives to global media. Technology and ecological crisis: global warming, genetically modified food, technical risks, technical society as risky. Technical intelligence: social status and impact, engineering ethics.

4. Teaching methods:

The problem is presented in lectures, and then a discussion is opened in which students may ask questions, give objections and contribute to the presented matter.

	•										
			Knowledge e	valuation	(maximum 100 points)						
	Pre-examination obligations		Mandatory	Points	Final e	xam	Mandatory	Points			
Test			Yes	10.00	Oral part of the exam		Yes	70.00			
Test			Yes	10.00							
Test			Yes	10.00							
Literature											
Ord.	Author			Title	9	Publishe	er	Year			
1,	Radoš Radivojević	Tehnik	a i društvo			Fakultet tehničkih n	auka	2004			
2,	Radoš Radivojević	Sociol	ogija nauke			Stylos		1997			
3,	Entoni Gidens	Sociol	ogija			Ekonomski fakultet		2003			
4,	James Stevin	The Ir	nternet and S	ociety		Camridge, Polity		2000			
5,	Chris Barker	Televi	sion,Globaliiz	ation and	Cultural Identities	Open University Pre	1999				
6,	Eugene Loos, Enid Mante- Meijer, Leslie Haddon		ocial Dynamic		mation and	Ashgate		2008			
7,	Wenda K. Bauchspies, Jennifer Croissant, Sal Restivo	Scienc Approa		gy and So	ciety: A Sociological	John Wiley & Sons		2005			
8,	Jan L. Harrington	Techn	ology and So	ciety		Jones & Bartlet		2011			
9,	Deborah G, Johnson, Jameson M. Wetmore	Techn Future		ciety: Bui	lding our Sociotechnical	MIT Press		2009			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

Traffic and Transport Engineering

Course:							
Course id:	S002A				Economics		
Number of ECTS:	3						
Teachers:		Ivaniševi	ć V. Andrea, Lošo	onc N. Alpa	ar, Mitrović M. Slavica		
Course status:		Elective					
Number of active teacl	hing classe	es (weekly)				
Lectures:	Practical	classes:	Other teachi	ng types:	Study research work:	Other clas	sses:
2	()	0		0	0	
Precondition courses			None				
1. Educational goal:							
future engineer, acquir different form) during engineering and econ transition processes h function at a global lev	res the kno the transi omic dime appen with vel. Furthe ir knowled	owledge of tional and ensions of hin a large er on, the e	economics whic post-transitiona traffic engineer's r globalization co educational object	h is neces I period in s work in a ontext, and ctive is rela	be able to adapt to the demands of the traf- sary for the successful realization of their ain Serbia. The educational objective is conc in appropriate manner. It is necessary to cc therefore the educational objective is relate ated to developing the capabilities of traffic es so as to be able to survive and successfully r	ns (within enter eived in combi onsider the fact ed to student`s engineering stu	prises of ning the that the ability to dents to
2. Educational outcom		ed knowled	dge):				
technical processes wi between the economi notions of costs and b	ith econom ic and tech penefits, co This mean	nic demano nnical asp ost and pro	ds. Positive outco ects of the engir ofit and assumes	ome is refle leering pro also man	o apply economic categories in all aspects of acted in the development of abilities to perceipfession. Economic knowledge here primar agerial knowledge in relation to modern org- comprehensive way prepares the students	ive the intercon ily means hand anizations in tra	nections dling the affic and
3. Course content/stru							
Characteristics of the t Supply and demand in Price forming in traffic, Economic dimensions Costs in traffic, calcula Monopoly/oligopoly in Economic dimensions Forms of enterprise in Modularity as an econ- Economic aspects of n Economic dimensions Manager in traffic as c Control of traffic mana Transaction costs in tra- Managerial decisions a Network paradigm in th Economic aspects of in Transition aspects of in Transition aspects of in Transition aspects of priv- Globalization processes Managerial strategy with	a traffic , price of so of technol- ating costs traffic, stat and organ traffic omic princi manageme of leaders reator of e gers affic and transa raffic nnovation i d traffic of technol ponomic trar atization a es in traffic	ervice in tr ogy in traff and benef e and traff ization prin iple in traff nt, traffic e hip forms i xpectation ction costs and entrep ogical dom isition in tr nd traffic economy	iic its inciples in traffic ic engineer as an er n traffic s preneurship in tra nain in traffic affic				
4. Teaching methods:							
student participation m	nethod, are more diffici	used. In t	he practice class	es the stue in mutual i	tations. In the lecture classes the method dents practice the acquired knowledge and ir nteraction and students are able to concentr	n consultations	they ask
			Knowledge e	evaluation	(maximum 100 points)		
Pre-examina	ition obliga	tions	Mandatory	Points	Final exam	Mandatory	Points
Homework			Yes		Oral part of the exam	Yes	70.00
Lecture attendance Test			Yes	5.00 10.00			
Test			Yes Yes	10.00			
			100				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

State State

UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering

		Literature		
Ord.	Author	Title	Publisher	Year
1,	K. Josifidis, A. Lošonc,	Principi ekonomije	Fakultet tehničkih nauka Novi Sad	2004
2,	Božić V., Novaković S	Ekonomija saobraćaja sa elementima logistike	Ekonomski fakultet Beograd	2002
3,	Vešović B. V.	Menadžment u saobraćaju	Saobraćajni fakultet Beograd	1996



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Course specification

Course:					
Course id:	H112		Mecha	nics 1 – Fundamentals	
Number of ECTS:	7				
Teachers:		Grahova	c M. Nenad, Spasić T. Dragan	, Žigić M. Miodrag	
Course status:		Mandato	ry		
Number of active tead	hing classe	es (weekly	()		
Lectures:	Practical	classes:	Other teaching types:	Study research work:	Other classes:
3	2	2	0	0	1
Precondition courses			None		

1. Educational goal:

The teacher's intent is that in this course the students: - Learn the fundamental notions and definitions related to mechanics as a science on forces, i.e. body movement and deformation influenced by forces - Understand the usage of these notions in the learning context of setting the problem and solving the problem - Develop the ability of recognizing problems in mechanics in the sense of identification, (model) formulation and possible solution - Use the computer for numerical and analytical solutions of dynamic problems - Be introduced to fundamental principles in engineering judgements and decision-making process.

2. Educational outcomes (acquired knowledge):

After the course, students should be able to: - Relate the acquired knowledge to the courses in mechanics and strength of materials that follow, as well as to apply that knowledge in engineering disciplines that include mechanics as their tool - Recognize diverse movements of real systems, effects of diverse actions (force and force connections), analyze friction and energy balance - Apply the acquired knowledge in the movement analysis on concrete mechanical systems, i.e. identify, formulate (idealize the practical problems by applying adequate mathematical model) and solve problems in the field that implies the content that follows - Communicate with other engineers and work in a team - Practice individually, work hard and think creatively - Demonstrate understanding and skills, and use the learnt knowledge for designing new solutions for engineering problems.

3. Course content/structure:

Investigated objects and their basic motions. Force. Momentum of force for the point (and axis), force connections. Systems of force and force connections. Examples 1-16. Basic attributes in point motion. Global and local properties of a rigid body motion. Matrix mode of motion setting. Euler's theorem. Complex point motion. Coriolis theorem. Examples 17-50. Axioms in dynamics. Amount of motion, momentum of motion amount for a selected point, kinetic energy of a material point and theorems on their motions. Basic theorems on system dynamics. Equivalent force systems. Newton-Euler equation. Koenig's theorem. General case of rigid body motion. Examples 51-110. Poisson theorem. Force system invariations. Balance conditions for one and more bodies. Examples 111-130. Examples always begin from simple examples, and finish with concrete engineering applications. For example, motor crankshaft, ball bearing, universal (Cardan) joint, disk on rough surface, free, forced and damped oscillations with one and two degree-of-freedom, dynamic buffer, dynamic rotor balance, movement of ships, vehicles, etc. As examples, students also learn about different friction models, collision theory elements: distribution collision model with a rigid body, approximate models – Herzog type theories, Newton-Euler collision equations, energy balance in collision, Panleve paradox and line girder loading.

4. Teaching methods:

Deductive method is used at lectures. Notions and methods that can be used for solving a large number of tasks are selected. Rarely, a single task is solved using more diverse methods. Active students' participation is recommended, so each unit is learnt during the class already. At lectures, a part of examples is completed, and the rest is completed both at practice, but also individually at home as homework assignments. Students who complete homework assignments from each example group have the right to pass the course content during the semester and hence pass the entire or the part of the practical part of the examination immediately after the course material in that field is presented in class. Apart from regular consultations, there are also pre-examination consultations as computer practice with the direct preparation for the evaluation of the course content understanding, with computer animation and the Internet guide. Practice part of the examination – exercises which were pas

			Knowledge e	valuation	(maximum 100 points)			
	Pre-examination obligations		Mandatory	Points	Final e	xam	Mandatory	Points
Exercis	e attendance		Yes	5.00	Oral part of the exam		Yes	40.00
Homew	ork		Yes	5.00	Practical part of the exar	m - tasks	Yes	30.00
Homew	ork		Yes	5.00				
Homew	ork		Yes	5.00				
Homew	ork		Yes	5.00				
Lecture	attendance		Yes	5.00				
				Liter	ature			
Ord.	Author			Title	9	Publishe	er	Year
1,	AP Markeev	Teorijs	ska mehanika	1		Nauka Moskva		1990
2,	IV Meščerski	Zbirka	zadataka iz i	mehanike		Nauka Moskva		1986
3,	KS Kolesnikov	Zbirka	zadataka iz t	eorijske r	nehanike	Nauka Moskva		1989

SITAS STUD

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

State State

UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering

		Literature		
Ord.	Author	Title	Publisher	Year
4,	B. Brogliato	Non-smooth mechanics	Springer, London	1999
5,	F Pfeiffer and Ch Glocker	Dynamics of systems with unilateral constraints	Wiley, New York	1995
6,	DT Spasić	Mehanika - deo 1: osnovna razmatranja	u pripremi	2007



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course							_		
Course	id:	S017				Mathematics	2		
Number	of ECTS:	6							
Teache	r:		Adžić Z. N	Nevenka					
Course	status:		Mandator	у					
Number	of active teac	hing classe	es (weekly))					
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	3	2	2	0		0		1	
Precon	lition courses	-				·			
1. Educ	ational goal:								
Studen enginee		think in ar	n abstract	way, make gen	eralizatio	ns and acquire mathem	atical knowledge wh	nich they car	۱ apply in
2. Educ	ational outcom	nes (acquire	ed knowled	dge):					
Student	s are able to a	pply mathe	ematical m	odels studied in t	his course	e to other engineering cou	Irses.		
3. Cours	se content/stru	icture:							
	, gamma and					gration, integration of so Differential equations o			
4. Teac	hing methods:								
						sistant. Examination cor lecture attendance and p			
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
	attendance			Yes		Written part of the exam	 tasks and theory 	Yes	60.00
Test				Yes	30.00				
					Liter	ature			
Ord.	-	uthor			Title)	Publishe	er	Year
1,	Nevenka Adž			atematika 2			CMS Novi Sad		2011
2,	Nevenka Adž	žić	Zb	irka zadataka iz	Matematik	ke 2	Stylos Novi Sad		2011



Г

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:								
Course	id:	S0110A				Urban Plannin	g 2		
Numbe	r of ECTS:	6							
Teache	er:		Vukajlov D. I	jiljana					
Course	status:		Mandatory						
Numbe	r of active tead	hing classe	es (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3	1		0		0		2	
Precon	dition courses			None		•	•		
1. Educ	cational goal:								
	al knowledge on presentation			to the law go	verning th	e communicational condit	ions of the social (ur	ban) space, n	mastering
2. Educ	cational outcon	nes (acquire	ed knowledge):					
territor globaliz speed i	y, projects, cit	ty, settleme on transitio ent of peopl	ent, etc. Gair n within a gro	ning knowled	lge neces rked socie	tion aspects of urban iss sary for the analysis of ty" as opposed to "streng panity.	traffic connections i	n the concili	ations of
sustair	nable develop			ess and mod	ern techn	iques of producing urba	nity Urban design	and the second second second	
00000	pinent, urban				ne urban	environment, communional and permanent migr	cation and urban de		
	ching methods:	dwellings			ne urban	environment, communio	cation and urban de		
4. Teac Lecture	ching methods:	dwellings, graphic pra	parcelling p	and consulta	ne urban y, seasor tions. Duri	environment, communional and permanent migrong the course students are	cation and urban de ations.	evelopment,	regional
4. Teac Lecture	ching methods: e, auditory and	dwellings, graphic pra	parcelling p	orocess, dail and consulta of a partial ex	ne urban y, seasor tions. Duri kaminatior	environment, communional and permanent migrong the course students are	cation and urban de ations.	evelopment,	regional
4. Teac Lecture and pas	ching methods: e, auditory and ss a part of the Pre-examina	dwellings, graphic pra examinatio	, parcelling , ctice classes on in the form	orocess, dail and consulta of a partial ex	ne urban y, seasor tions. Duri kaminatior	environment, communional and permanent migrong the course students are n.	cation and urban de rations.	evelopment,	regional
4. Teac Lecture and pas Exercis	e, auditory and e, auditory and ss a part of the Pre-examina se attendance	dwellings, graphic pra examinatio	, parcelling , ctice classes on in the form	and consulta of a partial ex Knowledge e	tions. Duri xamination evaluation Points 5.00	environment, communional and permanent migring the course students ar (maximum 100 points)	cation and urban de rations. re expected to comple	evelopment, ete one semir	regional nar paper
4. Teac Lecture and pas Exercis Lecture	ching methods: e, auditory and ss a part of the Pre-examina e attendance e attendance	dwellings, graphic pra examinatio	, parcelling , ctice classes on in the form	and consulta of a partial ex Knowledge e Mandatory Yes Yes	tions. Duri kamination evaluation 5.00 5.00	environment, communional and permanent migr ing the course students ar (maximum 100 points) Final ex	cation and urban de rations. re expected to comple	evelopment, ete one semir Mandatory	nar paper Points
4. Teac Lecture and pas Exercis	ching methods: e, auditory and ss a part of the Pre-examina e attendance e attendance	dwellings, graphic pra examinatio	, parcelling , ctice classes on in the form	and consulta of a partial ex Knowledge e Mandatory Yes	tions. Duri amination evaluation Points 5.00 5.00 20.00	environment, communional and permanent migrang the course students are the cou	cation and urban de rations. re expected to comple	evelopment, ete one semir Mandatory	nar paper Points
4. Teac Lecture and pas Exercis Lecture Term p	ching methods: e, auditory and ss a part of the Pre-examina se attendance aper	dwellings, graphic pra e examinatic	, parcelling , ctice classes on in the form	and consulta of a partial ex Knowledge e Mandatory Yes Yes	tions. Duri kamination evaluation Points 5.00 5.00 20.00 Liter	environment, communional and permanent migrong the course students are course students are constructed and points) (maximum 100 points) Final exerct of the exament of the	cation and urban de rations. re expected to comple ram tasks and theory	evelopment, ete one semir Mandatory Yes	regional nar paper Points 70.00
4. Teac Lecture and pas Exercis Lecture Term p Ord.	ching methods: e, auditory and ss a part of the Pre-examina e attendance aper A	dwellings, graphic pra e examinatic ation obligat	, parcelling parcellin	and consulta of a partial ex Knowledge e Mandatory Yes Yes Yes	tions. Duri kamination evaluation 5.00 5.00 20.00 Liter Title	environment, communional and permanent migrong the course students are for a student of the course students are for a student of the example	cation and urban de rations. re expected to comple ram ram rasks and theory Publishe	evelopment, ete one semir Mandatory Yes	regional har paper Points 70.00 Year
4. Teac Lecture and pas Exercis Lecture Term p Ord. 1,	ching methods: e, auditory and ss a part of the Pre-examina e attendance a attendance aper A Ranko Rado	dwellings, graphic pra examination ation obligat	, parcelling plactice classes on in the form	and consulta of a partial ex Knowledge e Mandatory Yes Yes Yes Yes	tions. Duri kamination evaluation 5.00 5.00 20.00 Liter Title	environment, communional and permanent migrong the course students are for a student of the course students are for a student of the example	e expected to complete ations. e expected to complete am tasks and theory Publishe Orion Art, Beograd	evelopment, ete one semir Mandatory Yes	regional har paper Points 70.00 Year 2005
4. Teac Lecture and pas Exercis Lecture Term p Ord.	ching methods: e, auditory and ss a part of the Pre-examina e attendance aper A	dwellings, graphic pra e examination ation obligation a	, parcelling parcellin	and consulta of a partial ex Knowledge e Mandatory Yes Yes Yes	tions. Duri kamination evaluation 5.00 5.00 20.00 Liter Title	environment, communional and permanent migrong the course students are for a student of the course students are for a student of the example	cation and urban de rations. re expected to comple ram ram rasks and theory Publishe	evelopment, ete one semir Mandatory Yes	regional har paper Points 70.00 Year



Γ

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



T

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

				_					
Course	id:	S019		G	oods t	transport logistic	cs properties		
Numbe	er of ECTS:	4							
Teache	er:	Т	epić Đ. Jov	van					
Course	status:	M	andatory						
Numbe	er of active teac	hing classes	(weekly)						
L	_ectures:	Practical cla	asses:	Other teachi	ng types:	Study resea	arch work:	Other clas	sses:
	3	1		0		0		1	
Precon	dition courses	•		None		•			
1. Educ	cational goal:								
						cs systems. Gaining knowing, storage and transport		materials, co	ontainer
2. Educ	cational outcom	nes (acquired	knowledge	e):					
Awarer		nsequences	of imprope			ls, with emphasis on the e ection of raw materials,			
		<u> </u>							
	rse content/stru								
Classifi and log packag Selectio distribu	ication of mate gistics flow of jing. Forms of on and testing	rials (metal ar goods. Feat packaging. F of packaging. Interaction w	nd non-me ures and Packaging Regulatio ith packag	types of pack systems and ns and standa	aging ma distributio ards in the	e packaging. Functions a aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh	cesses related mate es. Design and cons ackaging. The require	erials, contair truction of pa ements in the	ners an Ickaging physica
Classifi and log packag Selectio distribu trade flo	ication of mate gistics flow of ging. Forms of on and testing ition of goods. lows. Return flo	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag	types of pack systems and ns and standa	aging ma distributio ards in the	aterials. Production proc on of packaging machine e field of packaging and p	cesses related mate es. Design and cons ackaging. The require	erials, contair truction of pa ements in the	ners and Ickaging physica
Classifi and log packag Selectio distribu trade flu 4. Teac	ication of mate gistics flow of jing. Forms of on and testing ution of goods. lows. Return flu- ching methods:	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag	types of pack systems and ns and standa ing: paletema	aging ma distributio ards in the a, containe	aterials. Production proc on of packaging machine e field of packaging and p	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	erials, contair truction of pa ements in the	ners an Ickaging physica
Classifi and log packag Selectio distribu trade flu 4. Teac	ication of mate gistics flow of jing. Forms of on and testing ution of goods. lows. Return flu- ching methods:	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag	types of pack systems and ns and standa ing: paletema ctice classes.	caging ma distributio ards in the a, containe Consultat	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	erials, contair truction of pa ements in the	ners and Ickaging physica
Classifi and log packag Selectio distribu trade flu 4. Teac	ication of mate gistics flow of jing. Forms of on and testing ition of goods. ows. Return flu ching methods: es, auditory, gra	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag pratory pra	types of pack systems and ns and standa ing: paletema ctice classes.	caging ma distributio ards in the a, containe Consultat	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh ions about seminar paper	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	erials, contair truction of pa ements in the	ners an ickaging physica ndling c
Classifi and log packag Selectid distribu trade flu 4. Teac Lecture	ication of mate gistics flow of jing. Forms of on and testing ition of goods. ows. Return flu ching methods: es, auditory, gra	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag pratory pra	types of pack systems and ns and standa ing: paletema ctice classes.	caging ma distribution ands in the containe Consultation Points	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh ions about seminar paper (maximum 100 points)	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	erials, contair truction of pa ements in the ans for the ha	ners an ackaging physica ndling o Points
Classifi and log packag Selectid distribu trade flu 4. Teac Lecture Exercis	ication of mate gistics flow of jing. Forms of on and testing ition of goods. ows. Return flu- ching methods: es, auditory, gra Pre-examina	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag pratory pra	types of pack systems and ns and standa ing: paletema ctice classes. Knowledge e Mandatory	caging ma distribution ands in the consultation Points 5.00 5.00	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh ions about seminar paper (maximum 100 points) Final ex	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	erials, contair truction of pa ements in the ans for the ha	Points Points 40.0
Classifi and log packag Selectid distribu trade fli 4. Teac Lecture Exercis Lecture	ication of mate gistics flow of jing. Forms of on and testing ition of goods. ows. Return flu ching methods: es, auditory, gra Pre-examina ee attendance e attendance	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag pratory pra	types of pack systems and ns and standa ing: paletema ctice classes. Knowledge e Mandatory Yes	caging ma distribution ands in the consultation Points 5.00	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh ions about seminar paper (maximum 100 points) Final ex Coloquium exam	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	erials, contair truction of pa ements in the ans for the ha Mandatory Yes	Points Points 40.0
Classifi and log packag Selectid distribu trade fli 4. Teac Lecture Exercis Lecture	ication of mate gistics flow of jing. Forms of on and testing ition of goods. ows. Return flu ching methods: es, auditory, gra Pre-examina ee attendance e attendance	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods	nd non-me ures and Packaging Regulatio ith packag pratory pra	types of pack systems and ns and standa ing: paletema ctice classes. Knowledge e Mandatory Yes Yes	Consultation Points 5.00 20.00	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh ions about seminar paper (maximum 100 points) Final ex Coloquium exam	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	erials, contair truction of pa ements in the ans for the ha Mandatory Yes	Points Points 40.0
Classifi and log packag Selectid distribu trade fli 4. Teac Lecture Exercis Lecture	ication of mate gistics flow of jing. Forms of on and testing ition of goods. ows. Return flu- ching methods: es, auditory, gra Pre-examina- se attendance a attendance aper	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods aphic and labor ation obligation	nd non-me ures and Packaging Regulatio ith packag pratory pra	types of pack systems and ns and standa ing: paletema ctice classes. Knowledge e Mandatory Yes Yes	Consultation Points 5.00 20.00	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh ions about seminar paper (maximum 100 points) Final ex Coloquium exam Oral part of the exam ature	cesses related mate es. Design and cons ackaging. The requir icles. Technical mea	Mandatory Yes	ners and Ickaging physica
Classifi and log packag Selectid distribu trade flu 4. Teac Lecture Exercis Lecture Term p	ication of mate gistics flow of jing. Forms of on and testing ition of goods. ows. Return flu- ching methods: es, auditory, gra Pre-examina- se attendance a attendance aper	rials (metal ar goods. Feat packaging. F of packaging. Interaction w ows of goods aphic and labor ation obligation	nd non-me ures and Packaging Regulatio ith packag pratory pra	types of pack systems and ns and standa ing: paletema ctice classes. Knowledge e Mandatory Yes Yes	consultation Consultation Points 5.00 20.00 Liter	aterials. Production proc on of packaging machine field of packaging and p ers, warehouses and veh ions about seminar paper (maximum 100 points) Final exam Oral part of the exam ature	cesses related mate es. Design and cons ackaging. The requir iicles. Technical mea	Mandatory Yes Yes	Points 40.00 30.00



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:								
Course	id:	E130			Ele	ectrical Measure	ements		
Number	r of ECTS:	6							
Teache	ers:		Pjevalica l	J. Nebojša, Žup	unski Ž. Iv	an, Pejić V. Dragan			
Course	status:		Elective						
Number	r of active tead	hing classe	es (weekly)						
L	.ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	()	2		0		1	
Precon	dition courses	-	-	None		•			
1. Educ	ational goal:								
Acquirir	ng knowledge	in the field	of electrical	measurements					
2. Educ	ational outcon	nes (acquire	ed knowled	ge):					
Acquirir measur	ng experience rement instrum	in the labo nents opera	oratory prac ation. Study	tice. Training in	the field ing metho	of measurement results ds.	processing. Masterin	g the principl	es of the
3. Cour	se content/stru	icture:							
and am Measur comper Trigger transfor timer. N measur Scale/W Measur System measur 4. Teac	nmeter. Electri ring the perio nsation. Methor r time base. 2 rmers. Current Measuring bridges. M nsators. Gene Vatch hand/ D ring of electri natic mistakes	ical measu d. Measur od of voltag X-Y mode, transport dges. DC ral charact splay. Inpu cal quantit . Random ty. Extende	uring instru ing the pha e conversion Multi-cha g transformé measuring ridges with i eristics of r t/Output Im ies. Measuring mistakes. Measuring	iments. Digital ase difference. on into frequent nnel oscillosco ers. Electricity r bridges. Whea more sources. M measuring instr pedance. Accur uring nonelectr Measuring uncert ng uncertainty.	measurin DA conv cy. Metho ppes. Dig neters. Ind tstone br Measuring uments. S racy. Stab ical quan ertainty. S	mics instrument. Extensi g instruments. Counter verters. Function genera d of double slope. Sigma ital oscilloscopes. Mea duction meter of electrici idge. Kelvin bridge. Alt compensators. DC meas Static property. Sensitivit ility. Normal/Limiting/Refe tities. Measuring insect tandard measuring unce g information. Quality o	Timer. Counting. F ators. AD converter a delta method. Osci suring transformers ty. Electronic meter o ernating measuring uring compensators. y. Linearity. Resolut erent conditions. Tag urity. Measuring error ertainty. Type ``A`.	requency me s. Method of lloscopes. Tir s. Measuring of electricity. S bridges. Unt Alternating m ion. Measurir s. Dynamic pr prs. Rough n Fype ``B``. C	easuring. voltage me base. voltage Sampling balanced easuring ng range. roperties. nistakes.
				Knowledge	valuation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	(maximum roo points) Final ex	kam	Mandatory	Points
Laborat	tory exercise d			Yes		Written part of the exam		Yes	50.00
						Oral part of the exam	,	Yes	20.00
					Litera	ature			
Ord.	A	uthor			Title		Publishe	er	Year
1,	I. Bagarić			rologija električi rumenti	nih veličina	a merenja i merni	Nauka Beograd		1996
2,	Robert A. W	44 a		ctronic Test Inst	rumanta T		PTR Prentice Hall		1000



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:									
Course	id:	EJ01L			Englis	sh Language – E	Elementary		
Number	of ECTS:	2							
Teache	rs:		Bogdanović F. Jelisaveta		k M. Drag	ana, Katić M. Marina, Liče	en S. Branislava, Mirc	ović Đ. Ivana,	Šafranj
Course	status:		Elective						
Number	of active teac	hing classe	es (weekly)			_			
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	2	()	0		0		0	
Precond	dition courses		_	None					
1. Educ	ational goal:								
	ng English lan ics of English l				glish sour	nds, adoption of vocabula	ry related to everyda	y situations, r	nastering
2. Educ	ational outcom	nes (acquire	ed knowledge	e):					
Student	s are capable	of using bo	th oral and w	ritten English	language	in simple everyday situati	ons.		
3. Cours	se content/stru	icture:							
(be, do, forms. I	have), modal	verbs. Con nd negativ	nstruction an e forms. Voc	d use of tense abulary relate	es (Prese d to daily	es, comparison), pronouns nt Simple, Present Contin topics: introductions, fan etc.	uous, Present Perfe	ct, Past Simp	le, future
4. Teac	hing methods:								
						directed towards commun , and on equal developme			nphasis is
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	am	Mandatory	Points
Test				Yes		Written part of the exam	 tasks and theory 	Yes	70.00
Test				Yes	10.00				
Test				Yes	10.00				
						ature			
Ord.		uthor			Title	2	Publishe		Year
1,	John and Liz N. Coe. M. H			Headway Eler	,		Oxford University P	ress	2002
2,	Peterson	umoun, iX.	Oxfor	rd Practice Gra	ammar - E	Basic	OUP		2006
3,	grupa autora		Oxfor	rd Serbian - Ei	nglish Dic	tionary	Oxford University P	ress	2006



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



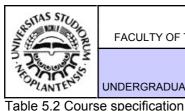
Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Cours	e specification

Course	id:	M109		Elec	tric Mae	chines and Pov	wer Electroni	CS	
Numbe	er of ECTS:	7							
Teache	er:		Oros V. Đu	ra					
Course	status:		Elective						
Numbe	r of active tea	ching classe	es (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	()	2		0		1	
Precon	dition courses	3		None		•			
1. Educ	cational goal:								
To prov	vide the future	engineers v	with the nece	ssary level of k	knowledge i	n the area of electric ma	achines and power el	ectronics.	
2. Educ	cational outco	mes (acquire	ed knowledg	e):					
Readin	ess for indepe	endent scien	tific and rese	earch work in th	ne area of s	ynthesis of drive mecha	nism of power machi	ines.	
3. Cour	rse content/str	ructure:							
						and dynamic models,			
reduction mechan separat mechan operation	on. Stationar nism element te and combi	y and trans s. Modelling ned excitati ynamic, hyd ial software.	itional work the electric on. Modellin ro-static and	mode. Solving motor: asynch g the systems	the equati nronous cag of electrica	and dynamic models, ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation	rmining section load synchronous motor, Iling the power trans	d in the chain DC motor will sfer in a drive	of drive th series system
reduction mechan separation mechan operation 4. Teac Lecture	on. Stationar nism element te and combi nical, hydro-d on. Commerc ching methods es. Practice o	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nur	itional work the electric on. Modellin ro-static and merical (N),	mode. Solving motor: asynch g the systems pneumatic. M), computer	ion of motion and dete ge and slip ring motor, al motor feeding. Mode	rmining section load synchronous motor, Iling the power trans sub-systems. Compo	d in the chain DC motor wil sfer in a drive uter simulation	n of drive th series e system n of drive
reduction mechan separation mechan operation 4. Teac Lecture	on. Stationar nism element te and combi nical, hydro-d on. Commerc ching methods es. Practice o	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nur	itional work the electric on. Modellin ro-static and merical (N),	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an), computer oral part.	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation	rmining section load synchronous motor, Iling the power trans sub-systems. Compo	d in the chain DC motor wil sfer in a drive uter simulation	n of drive th series e system n of drive
reduction mechan separation mechan operation 4. Teac Lecture	on. Stationar nism element te and combi nical, hydro-d on. Commerc ching methods es. Practice o pment and d	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nur	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an), computer oral part. evaluation (r Points	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor wil sfer in a drive uter simulation	n of drive th series e system n of drive
reductii mechar separat mechar operatio 4. Teac Lecture develop	on. Stationar nism element te and combi nical, hydro-d on. Commerc ching methods es. Practice o pment and d	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e), computer oral part. valuation (r Points 5.00 W	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor wit sfer in a drive uter simulation nation consis	n of drive th series e system n of drive tts of the Points
reduction mechan separation operation 4. Teacon Lecture develop Exercis Lecture	on. Stationar nism element te and combi nical, hydro-d on. Commerc ching methods es. Practice of pment and d Pre-examin	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes), computer oral part. evaluation (r Points 5.00 M 5.00 O	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor wit sfer in a drive uter simulation nation consis Mandatory	of drive th series a system of drive tts of the Points 25.00
reduction mechan separation mechan operation 4. Teac Lecture develop Exercis Lecture Test	on. Stationar nism element te and combi- nical, hydro-d- on. Commerc ching methods es. Practice of pment and do Pre-examin- se attendance	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes), computer oral part. evaluation (r Points 5.00 W 5.00 O 10.00	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor with sfer in a drive uter simulation nation consis Mandatory Yes	of drive th series a system of drive tts of the Points 25.00
reduction mechan operation 4. Teac Lecture develop Exercis Lecture Test Test	on. Stationar nism element te and combi- nical, hydro-d- on. Commerc ching methods es. Practice of pment and do Pre-examin- se attendance	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes), computer oral part. evaluation (r Points 5.00 (v 5.00 (c) 10.00 10.00	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor with sfer in a drive uter simulation nation consis Mandatory Yes	of drive th series a system of drive tts of the Points 25.00
reduction mechan separation operation 4. Teac Lecture develop Exercis Lecture Test	on. Stationar nism element te and combi- nical, hydro-d- on. Commerc ching methods es. Practice of pment and do Pre-examin- se attendance	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes), computer oral part. valuation (r Points 5.00 (v 5.00 (o 10.00 10.00 10.00	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor with sfer in a drive uter simulation nation consis Mandatory Yes	of drive th series a system of drive tts of the Points 25.00
reduction mechan separation mechan operation 4. Teac Lecture develop Exercise Lecture Test Test Test	on. Stationar nism element te and combi- nical, hydro-d- on. Commerc ching methods es. Practice of pment and do Pre-examin- se attendance	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes), computer oral part. evaluation (r Points 5.00 W 5.00 0 10.00 10.00 10.00	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam ral part of the exam	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor with sfer in a drive uter simulation nation consis Mandatory Yes	of drive th series a system of drive tts of the Points 25.00
reduction mechan separation mechan operation 4. Teac Lecture develop Exercise Lecture Test Test Test	on. Stationar nism element te and combi- nical, hydro-d- on. Commerc ching methods es. Practice of pment and do Pre-examin- se attendance a attendance	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a	itional work of the electric on. Modellin ro-static and merical (N), n individual	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes), computer oral part. valuation (r Points 5.00 (v 5.00 (o 10.00 10.00 10.00	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam ral part of the exam	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin tations. The examin	d in the chain DC motor with sfer in a drive uter simulation nation consis Mandatory Yes Yes	of drive th series a system of drive tts of the Points 25.00
reduction mechan separation mechan operation 4. Teac Lecture develop Exercise Lecture Test Test Test Test	on. Stationar nism element te and combi- nical, hydro-d- on. Commerc ching methods es. Practice of pment and d- Pre-examin- se attendance a attendance	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a nation obliga Author čković, V.,	itional work the electric on. Modellin ro-static and merical (N), n individual tions	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes), computer oral part. evaluation (r Points 5.00 W 5.00 0 10.00 10.00 10.00 10.00 Literatt Title	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam ral part of the exam	rmining section load synchronous motor, Iling the power trans sub-systems. Compu- Itations. The examin cam - tasks and theory	d in the chain DC motor with sfer in a drive uter simulation nation consis Mandatory Yes Yes	e of drive th series e system n of drive ts of the Points 25.00 25.00
reduction mechan separation develop exercise Lecture Test Test Test Test Ord.	on. Stationar nism element te and combi- nical, hydro-d- on. Commerc ching methods es. Practice of pment and d- Pre-examin- se attendance a attendance	y and trans s. Modelling ned excitati ynamic, hyd ial software. s: classes: nui efence of a nation obliga Author čković, V.,	itional work g the electric on. Modellin ro-static and merical (N), n individual tions	mode. Solving motor: asynch g the systems pneumatic. M laboratory (L) paper and an Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes), computer oral part. evaluation (r Points 5.00 W 5.00 0 10.00 10.00 10.00 10.00 Literatt Title	ion of motion and dete ge and slip ring motor, al motor feeding. Mode control and regulation (C). Individual consu maximum 100 points) Final ex /ritten part of the exam tral part of the exam	rmining section load synchronous motor, illing the power trans sub-systems. Compu- ltations. The examin cam - tasks and theory Publishe	d in the chain DC motor with sfer in a drive uter simulation nation consis Mandatory Yes Yes	e of drive th series e system n of drive tts of the Points 25.00 25.00



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course: Electrical Engineering and Electric Machines Course id: M112 Number of ECTS: 7 Teachers: Đurić M. Nikola, Juhas T. Anamarija, Oros V. Đura, Prša A. Miroslav Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other classes: Other teaching types: Study research work: 3 2 0 0 1 Precondition courses None 1. Educational goal: To acquire basic knowledge in the field of applied electrical engineering, electromechanical energy conversion, electric machines and their application in traffic and means of transportation. 2. Educational outcomes (acquired knowledge): Students will be able to understand fundamental notions on time invariant and time varying electric currents with the aspects of application in electric machines. They will know the notions on electricity and electric properties of materials used for manufacturing active parts in electric machines. They will be able to understand the working process and calculations related to electric machines, as well as their practical application in traffic and in means of transportation. Course content/structure: Fundamental notions on electric energy. Direct currents. Alternating currents. Principles of solutions for electric networks. Organization of a contemporary electrical and power system. Production, transmission and consumption of electrical power. Electric surroundings of an electric machine. Principles of electromechanical energy conversion. Types of electric machines, basic elements and properties. Transformators. Rotational electric machines. Alternating current machines. Asynchronous machines. Cage and Sliding ring motors. Direct current machines. Synchronous machines. Basic notions on electrical motor powers and application of power electronic devices. Examples of electric machine application in traffic (alternator, starter engine). 4. Teaching methods: Lectures on the board, auditory practice and work in the laboratory through the demonstrated and individual laboratory practice. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Mandatory Points Points Final exam Laboratory exercise defence 20.00 Written part of the exam - tasks and theory 70 00 Yes Yes Test 10.00 Coloquium exam No 50.00 Yes Literature Ord. Title Author Publisher Year Osnovi elektrotehnike za studente neelektrotehničkih Miroslav Prša 1995 Stylos 1 fakultet Viša elektrotehnička škola, 2, Milanković M., Perić D. 2002 Osnovi Elektroenergetike Beograd Levi. E.. Vučković, V., 3, Osnovi Elektroenergetike Stylos-FTN 1997 Strezoski, V Osnovi elektrotehnike - zbirka zadataka za studente 4 Miroslav Prša, Laslo Juhas FTN Izdavaštvo 2001 neelektrotehničkih fakulteta



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course: Course id: NJ02L												
		02L	German Language – Pre-Intermediate									
Number of ECTS: 2			1									
Teachers:			ć B. Andı	rijana, Jović E	D. Miomira	1						
Course stat	us:	Elec	ctive									
Number of a	active teachin	ig classes (w	eekly)									
Lectu	res: F	Practical clas	classes: Other teaching types: Study research work: Other									
2	2 0			0		0		0				
Precondition	n courses					•						
1. Education	nal goal:											
tenses, add	ption of mor	e complex s	entence	structures, in	troductio	vocabulary related to va n to culture, customs an ation competence.						
2. Education	nal outcomes	(acquired kr	owledge)):								
	e capable of ex grammar		ral and w	ritten langua	ge in a nu	mber of everyday situation	ons by using the expa	anding vocab	ulary and			
3. Course c	ontent/structu	ıre:										
Theoretical question pr	part of the co onouns, rela	ourse: imperf tive pronoun	ect, part o s with re	of passive str lative clause	uctures, c s, asking	ken situations, developing certain infinitive structures questions in indirect spe in time sentences.	, subject and object of	clauses, conju	unctive 2			
4. Teaching	methods:											
-		ication, imply	ing stude	ents` activity c	luring the	classes. During the comm	nunication, mutual int	eraction is es	sential.			
				Knowledge e	evaluation	(maximum 100 points)						
Pr	e-examinatio	n obligations		Mandatory	Points	Final ex	kam	Mandatory	Points			
Test				Yes	10.00	Written part of the exam	/ritten part of the exam - tasks and theory		35.00			
Test				Yes	10.00	Oral part of the exam		Yes	35.00			
Test				Yes	10.00							
					Liter	ature						
Ord.	Auth	nor			Title	9	Publisher		Year			
	Aufderstraße iller, H. Mülle		Theme	en aktuell 2			Hueber Verlag		2004			



Γ

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:												
Course	id:	S0212		Freight Forwarding								
Number	of ECTS:	6										
Teache	1		Stojanović	M. Đurđica								
Course	status:		Mandatory	/								
Number	of active teac	hing classe	es (weekly)									
L	ectures:	Practical	classes: Other teaching types: Study research work: Other classes:									
	3		1	1		C)	1				
Precond	lition courses		•	None		•	•					
1. Educ	ational goal:			-								
						warding in a country`s ine ealization of basic and sp			ealization			
2. Educ	ational outcom	es (acquire	ed knowled	ge):								
To acqu	ire theoretical	and praction	cal knowled	lge, as well as s	kills for pe	erforming the forwarder`s	jobs.					
3. Cours	se content/stru	cture:										
in the ra Cooper forward transit,	ationalization ation, unions ing. Internal or as well as the	process o and assoc ganization technolog	f freight flo iations for of forwardi y of forward	ws. Selection of the improveme ing business pra ding activities re	of optimal ent and de actice. Teo ealized in	s for designing transport a forwarding technology evelopment of forwarder chnology of forwarding ac special dealings. Inform ustoms system in the fun	for the realization o `s activities. "Make ctivities realized in go ation (documents an	f intermodal f or buy" – deo ods import, e id the like) flo	ransport. cisions in xport and ws in the			
4. Teac	ning methods:											
Lecture	s and practice,	computer	practice, vi	sit to a company	∕, elaborat	tion, presentation and def	fence of seminar pap	er.				
				Knowledge e	evaluation	(maximum 100 points)						
	Pre-examina	ition obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points			
Homew	ork			Yes	5.00	Written part of the exam	- tasks and theory	Yes	70.00			
Lecture	attendance			Yes	5.00							
Term pa	aper			Yes	20.00							
					Liter	ature	1	r				
Ord.	A	uthor			Title	9	Publish	er	Year			
1,	Vladeta Gajić		Mee	đunarodna špec	licija - skri	pte sa predavanja			2003			
2,	Boris Marovio	-		edicija i osigurar	ije		NONPAREJ Novi S		2001			
3,	Boris Marovio	5	Osi	guranje			A-Š Delo, Beograd		1993			
4,	Vladeta Gajić	5	Špe	editersko poslov	anje		Fakultet za poslovni menadžment Bar		2007			
5,	Stojanović, D	j., Gajić, V	Pra zad		ije - eleme	enti teorije, primeri i	FTN Novi SAd		2010			



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:										
Course id: S0213		Mathematical Statistics								
Number	of ECTS:	8								
Teacher: Adžić Z. Nevenka										
Course status: Mandatory										
Number	of active teach	ning classe	s (weekly))				_		
L	ectures:	Practical	classes: Other teaching types: Study research work: Other classes:							
	4	3		0		0	1	1		
Precond	lition courses									
1. Educ	ational goal:									
Enablin	g students in a	bstract thin	king and a	acquiring basic ki	nowledge	in the field of advanced n	nathematics and ma	thematical sta	itistics.	
2. Educ	ational outcom	es (acquire	d knowled	dge):						
Acquire	d knowledge is	used in so	lving math	nematical models	s in profes	sional courses.				
3. Cours	se content/stru	cture:								
integral	s). Basic notior	ns in the pr	obability t		probability	ic notions in multiple inf and random variables). ar regression.				
4. Teac	hing methods:									
concret during c	e tasks that su consultations. E	upplement Examinatior	the theore	etical course co	ntent. Tea partial exa	evant examples. At audit acher and assistant help iminations taken in writte tions.	students in master	ing the cours	e content	
		· · ·		Knowledge e	evaluation	(maximum 100 points)				
	Pre-examina	tion obligat	ions	Mandatory	Points	Final e	xam	Mandatory	Points	
Exercise	e attendance			Yes	5.00	Written part of the exam	h - tasks and theory Yes		70.00	
	attendance			Yes	5.00					
Test Test				Yes	10.00 10.00					
Test				Yes		atura				
Literature Ord. Author Title Publisher								Year		
1,	Nevenka Adž Nikolić		ndar Te	orija redova sa p		·	CMS, Novi Sad		2011	
2,	Nevenka Adž	ić i Joviša Z	Žunić Viš	sestruki integrali i	teorija po	lja	CMS Novi Sad		2011	
3,	Nevenka Adž	ić		atistika			CMS Novi Sad		2012	
4,	Tatjana Grbić	, Ljubo Neo		irka rešenih zada rovatnoće i statis		ismenih ispita iz	FTN, Novi Sad		2002	
5,	Nevenka Adž	ić	Zb	irka zadataka iz [·]	Teorije po	lja			2011	
6,	Nevenka Adž	ić	Zb	irka zadataka iz '	Višestrukil	h integrali i teorije polja			2011	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:					144								
Course	id:	S0216	Water Transport Technology										
Number	r of ECTS:	4											
Teache	r:	В	ačkalić M.	. Todor									
Course	status:	M	andatory										
Number	r of active teac	hing classes	(weekly)										
L	ectures:	Practical cla											
	3	2											
Precon	dition courses	-		None									
1. Educ	ational goal:												
To acq structu		ge in technic	al charac	teristics and c	lesign of t	ransport vessels, natur	al and artificial wat	erways and h	nydraulic				
2. Educ	ational outcom	nes (acquired	knowledg	e):									
water tr the kno basis ac that pre	ansport, as we wledge acquir cquired in the esent the know	ell as in defini ed in the cou courses deali /ledge upgrad	ng logistion rse Organ ng with ot le and pro	c chains and sin nization of Wa her forms of tra ocess complex	upply chair ter Transp ansport (ro	ties of water transport to ns. The knowledge on th ort, defines the place ar ad and railway), and relo re necessary for solving	e water transport teo nd role of water trans bading means and te	chnology, toge sport in the kr chnology. The cting the most	ther with owledge courses feasible				
logistic of trans		forwarding, co	ompany lo	gistics, intermo	odal transp	ort technologies) deman	d the proper knowled	dge on the ba	sic forms				
of trans		0.	ompany lo	ogistics, intermo	odal transp	ort technologies) deman	nd the proper knowled	dge on the ba	sic forms				
of trans 3. Cours Basic cl of theo	sport. se content/stru haracteristics	icture: of water trans d ship design	port. Cha . The ma	racteristic form in waterways.	ns of water	transport depending on vand river bed forming.	navigation area. Tra	Insport vessels	s. Basics				
of trans 3. Cours Basic cl of theo canals.	sport. se content/stru haracteristics bry oh ship an	icture: of water trans d ship design laintenance c	port. Cha . The ma	racteristic form in waterways.	ns of water	transport depending on	navigation area. Tra	Insport vessels	s. Basics				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice	port. se content/stru haracteristics o bry oh ship and Ship locks. M shing methods: es: oral presen	icture: of water trans d ship desigr laintenance c tations and c to the usage	port. Cha . The ma f inland v omputer p	racteristic form in waterways. vaterways. presentations. nents for meas	ns of water Hydrology	transport depending on	navigation area. Tra River regulation for	Insport vessel navigation. N sentations. La	s. Basics lavigable aboratory				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice	port. se content/stru haracteristics of bry oh ship and Ship locks. M thing methods: es: oral presen e: introduction	icture: of water trans d ship desigr laintenance c tations and c to the usage	port. Cha . The ma f inland v omputer p	racteristic form in waterways. vaterways. presentations. nents for meas ter.	ns of water Hydrology Auditory pr suring real	transport depending on and river bed forming.	navigation area. Tra River regulation for	Insport vessel navigation. N sentations. La	s. Basics lavigable aboratory				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice	port. se content/stru haracteristics of ory oh ship an Ship locks. M shing methods: es: oral presen a: introduction mpanies dealin	icture: of water trans d ship desigr laintenance c tations and c to the usage	port. Cha . The ma f inland v omputer p of instrun urse mat	racteristic form in waterways. vaterways. presentations. nents for meas ter.	ns of water Hydrology Auditory pr suring real	transport depending on and river bed forming. ractice: oral presentatior system parameters, visi	navigation area. Tra River regulation for ns and computer pre ting the terrain and v	Insport vessel navigation. N sentations. La	s. Basics lavigable aboratory				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice and cor	port. se content/stru haracteristics of ory oh ship an Ship locks. M shing methods: es: oral presen a: introduction mpanies dealin	acture: of water trans d ship design laintenance of tations and of to the usage ng with the co	port. Cha . The ma f inland v omputer p of instrun urse mat	racteristic form in waterways. vaterways. presentations. nents for meas ter. Knowledge e	as of water Hydrology Auditory pr suring real evaluation Points	transport depending on and river bed forming. ractice: oral presentation system parameters, visi	navigation area. Tra River regulation for ns and computer pre ting the terrain and v	nsport vessel navigation. N sentations. La visiting establ	s. Basics lavigable aboratory ishments Points				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice and cor Exercis	port. se content/stru haracteristics (bry oh ship an Ship locks. M shing methods: es: oral presen e: introduction mpanies dealin Pre-examina	acture: of water trans d ship design laintenance of tations and of to the usage ng with the co	port. Cha . The ma f inland v omputer p of instrun urse mat	racteristic form in waterways. vaterways. presentations. nents for meas ter. Knowledge e Mandatory	Auditory prosuring real	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final e:	navigation area. Tra River regulation for ns and computer pre ting the terrain and v	Insport vessel navigation. N sentations. La visiting estable	s. Basics lavigable aboratory ishments Points 35.00				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice and cor Exercis	port. se content/stru haracteristics of bry oh ship and Ship locks. M shing methods: es: oral presen e: introduction mpanies dealin Pre-examina e attendance attendance	acture: of water trans d ship design laintenance of tations and of to the usage ng with the co	port. Cha . The ma f inland v omputer p of instrun urse mat	racteristic form in waterways. vaterways. oresentations. nents for meas ter. Knowledge e Mandatory Yes	Auditory provident of the second seco	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final exam - part one	navigation area. Tra River regulation for ns and computer pre ting the terrain and v	Insport vessel navigation. N sentations. La visiting estable Mandatory Yes	s. Basics lavigable aboratory ishments Points 35.00				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice and cor Exercise Lecture	port. se content/stru haracteristics of ory oh ship and Ship locks. M thing methods: es: oral presen e: introduction mpanies dealin Pre-examina e attendance a attendance tation	acture: of water trans d ship design laintenance of tations and of to the usage ng with the co	port. Cha . The ma f inland v omputer p of instrun urse mat	racteristic form in waterways. vaterways. oresentations. nents for meas ter. Knowledge of Mandatory Yes Yes	Auditory provident of the second seco	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final exam - part one	navigation area. Tra River regulation for ns and computer pre ting the terrain and v	Insport vessel navigation. N sentations. La visiting estable Mandatory Yes	s. Basics lavigable aboratory ishments Points 35.00				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice and cor Exercise Lecture Present	port. se content/stru haracteristics of ory oh ship and Ship locks. M thing methods: es: oral presen e: introduction mpanies dealin Pre-examina e attendance a attendance tation	acture: of water trans d ship design laintenance of tations and of to the usage ng with the co	port. Cha . The ma f inland v omputer p of instrun urse mat	racteristic form in waterways. vaterways. oresentations. nents for meas ter. Knowledge e Mandatory Yes Yes Yes	Auditory provident of the second seco	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final ezam - part one Final exam - part two	navigation area. Tra River regulation for ns and computer pre ting the terrain and v	Insport vessel navigation. N sentations. La visiting estable Mandatory Yes	s. Basics lavigable aboratory ishments Points 35.00				
of trans 3. Cours Basic clo of theo canals. 4. Teac Lecture practice and cor Exercise Lecture Present	port. se content/stru- haracteristics of bry oh ship and Ship locks. M ching methods: es: oral presen e: introduction mpanies dealin Pre-examinate e attendance tation aper A	acture: of water trans d ship design laintenance of tations and of to the usage ng with the co ation obligatio	port. Cha . The ma f inland v omputer p of instrun urse mat	racteristic form in waterways. vaterways. oresentations. nents for meas ter. Knowledge e Mandatory Yes Yes Yes	Auditory provention of the second sec	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final ezam - part one Final exam - part two	navigation area. Tra River regulation for ns and computer pre ting the terrain and v xam	Insport vessel navigation. N sentations. La visiting estable Mandatory Yes Yes er	s. Basics lavigable aboratory ishments Points 35.00				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice and cor Exerciss Lecture Present Term pa	port. se content/stru- haracteristics of bry oh ship and Ship locks. M ching methods: es: oral presen e: introduction mpanies dealin Pre-examinate e attendance tation aper A	acture: of water trans d ship design laintenance of tations and co to the usage ng with the co ation obligatio	port. Cha . The ma f inland v of instrun ourse mat	racteristic form in waterways. vaterways. oresentations. nents for meas ter. Knowledge e Mandatory Yes Yes Yes	Auditory provident of the second seco	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final ezam - part one Final exam - part two	navigation area. Tra River regulation for ns and computer pre ting the terrain and v xam Publishe Saobraćajni fakulte	Insport vessel navigation. N sentations. La visiting estable Mandatory Yes Yes Yes	s. Basics lavigable aboratory ishments Points 35.00 35.00				
of trans 3. Cours Basic cl of thec canals. 4. Teac Lecture practice and cor Exercise Lecture Present Term pa Ord.	port. se content/stru- haracteristics of bry oh ship an- Ship locks. M whing methods: es: oral presen e: introduction mpanies dealin Pre-examinate e attendance tation aper Colić Vladetate Zoran, Vladin Skiljaica Vladin	acture: of water trans d ship design laintenance of tations and co to the usage ng with the co ation obligatio	port. Cha . The ma f inland v omputer p of instrun ourse matt	racteristic form in waterways. vaterways. oresentations. nents for meas ter. Knowledge e Mandatory Yes Yes Yes Yes Nes ni saobraćaj nologija vodnog	Auditory prosuring real evaluation 5.00 5.00 15.00 Litera Title	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final ezam - part one Final exam - part two	navigation area. Tra River regulation for ns and computer pre ting the terrain and v xam Publishe Saobraćajni fakulte Univerziteta u Beog Fakultet tehničkih r	Insport vessel navigation. N sentations. La visiting estable Mandatory Yes Yes Yes er er et gradu nauka	s. Basics avigable aboratory ishments 35.00 35.00 Year				
of trans 3. Cours Basic cl of theo canals. 4. Teac Lecture practice and cor Exercise Lecture Present Term pa Ord. 1,	port. se content/stru haracteristics of bry oh ship and Ship locks. M thing methods: es: oral presen e: introduction mpanies dealin Pre-examinate e attendance tation aper Colić Vladeta Zoran, Vladir Skiljaica Vlad Todor	acture: of water trans d ship design laintenance of tations and co to the usage ng with the co ation obligatio	port. Cha . The ma f inland v omputer p of instrun ourse mate ns	racteristic form in waterways. vaterways. oresentations. nents for meas ter. Knowledge e Mandatory Yes Yes Yes Yes Yes hi saobraćaj	Auditory prosuring real evaluation 5.00 5.00 15.00 Litera Title	transport depending on and river bed forming. ractice: oral presentation system parameters, visi (maximum 100 points) Final ex Final exam - part one Final exam - part two	navigation area. Tra River regulation for ns and computer pre ting the terrain and v xam Publishe Saobraćajni fakulte Univerziteta u Beog	Insport vessel navigation. N sentations. La visiting establi Mandatory Yes Yes Yes er er er er er auka om Sadu	s. Basics lavigable aboratory ishments 35.00 35.00 Year 2005				



п

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Traffic and Transport Engineering

Study Programme Accreditation

 OWNER
 UNDERGRADUATE ACADEMIC STUDIES

 Table 5.2 Course specification

Course:												
Course	id:	S0I321	Insurance for traffic and transport									
Number	of ECTS:	5										
Teacher	rs:		Avdalović A. Veselin, Ćosić I. Đorđe									
Course	status:		Mandator	у								
Number	of active teac	hing classes	s (weekly)	I								
Le	ectures:	Practical of	lasses: Other teaching types: Study research work: Other classes:									
	2	1	0 0 1									
Precond	lition courses		-	None								
1. Educa	ational goal:											
the mos	st effective wa	iys for econ	omic prot	ection due to da	amage or	nsurance products, defin destruction of items, hea d to determine the need,	alth and life due to o	alamitous ev				
2. Educa	ational outcom	nes (acquire	d knowled	lge):								
things a practica	ind people, ar	nd to design nts will gair	the most	appropriate form wledge about th	m of insur	usinesses and individuals ance for different types o lice company, functionin	of assets. Through le	ectures, exerc	ises and			
3. Cours	se content/stru	icture:										
operation insurance agents a insurers	on of insuranc ce, reinsuranc and insurance , insurance po	e, insurance e and coins e brokers. O ools and reir	e technica urance. S rganizatio nsurance.	al basis, the ecol ubjects of insura onal forms of ins Transport insura	nomic imp ance: the in surance: jo ance, hull,	iction to Insurance, insu portance of insurance. The nsurer, the insured, the b pint-stock insurance, mut cargo, liability insurance eight, institute clauses	ne division of insurar eneficiary, contracto ual insurance comp carrier, risks in trans	nce: life insura r insurance, ir any, an assoc	ance, life nsurance ciation of			
4. Teach	hing methods:					-						
	esentations us		deo scree	n, pad), written r	materials a	as a function of exercise.	Visit the insurance of	companies for	practical			
				Knowledge e	evaluation	(maximum 100 points)						
	Pre-examina	ation obligati	ons	Mandatory	Points	Final ex	am	Mandatory	Points			
	e attendance			Yes		Oral part of the exam		Yes	50.00			
	attendance			Yes	5.00							
Test Test				Yes	10.00 10.00							
Test				Yes	10.00							
Test				Yes Yes	10.00							
				100	Litera	ature						
Ord.	A	uthor			Title		Publishe	er	Year			
1,	Dr Veselin Av Marović	vdalović, Drl	Boris Osi	iguranje i teorija	rizika		CAM Novi Sad i Be bankarska akadem		2006			
2,	Dr Boris Mar Avdalović	ović, Dr Ves	bankarska akademija 2006									



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:								
Course	id:	EJ02Z		En	iglish l	_anguage – Pre	-Intermediate	!	
Numbe	er of ECTS:	2							
Teache	ers:		Bogdanović F. Jelisaveta		k M. Drag	ana, Katić M. Marina, Liče	en S. Branislava, Mirc	ović Đ. Ivana,	Šafranj
Course	status:		Elective						
Numbe	er of active tead	hing classe	es (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	()	0		0		0	
Precon	dition courses								
1. Educ	cational goal:			-					
						oulary related to everyday uses, adoption of more co			fixes and
2. Educ	cational outcom	nes (acquire	ed knowledge):					
	ts are capable ex sentence str	0	oth oral and w	ritten English	language	in everyday situations by	using the expanding	vocabulary a	and more
3 Cour	rse content/stru	icture:							
Presen		ple and Co	ontinuous, Pa	ast Perfect, F		bs, collocations. Expans inuous, future forms). A			
4. Teac	ching methods:								
simulta						related towards commun ents` activities during cla			
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	am	Mandatory	Points
Test				Yes		Written part of the exam	- tasks and theory	Yes	70.00
Test				Yes	10.00				
Test Yes 10.00									
	Literature								
	1								
Ord.	A	uthor			Title		Publishe	er	Year
1,	A John and Liz		New H	Headway Eng		e, Preintermediate	Publishe Oxford University P		Year 2003
1, 2,	John and Liz John Eastwo	Soars od	Oxfor	d English Gra	lish Cours	e, Preintermediate rmediate	Oxford University P Oxford University P	ress ress, Oxford	2003 2006
1,	John and Liz	Soars od	Oxfor Oxfor		lish Cours Immar Inte Prbian Dict	e, Preintermediate rmediate	Oxford University P	ress ress, Oxford	2003



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course										
Course		M2523			I	C Engine Equip	ment			
			-							
		5								
Teache	-			ovan, Klinar J. Iv	/an					
Course			Elective							
Number	r of active teac	ching classe	es (weekly)			-				
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:	
	3	1	1	1 0						
Precon	dition courses			None						
1. Educ	ational goal:									
				knowledge and re part of IC eng		ne field of functionality an oment.	d element construction	on, systems, a	is well a	
2. Educ	ational outcom	nes (acquire	ed knowled	ge):						
ability o	of interdisciplin	ary appora	ch to proble		of function	dge and skills in conside ality and element constru				
			•	<u> </u>						
Fuel sy		rnative Otto				d and gas fuels. Construining injection system and				
Fuel sy system Charac engines constru tempera and air	estems for alter elements for teristics and i s. Regulator e loction performa ature automati filters. Directio	rnative Otto Otto and o impact of fa elements c ance and e ion regulations for filter	diesel engi actors on c onstructior lement calo on. Engine	nes feeding. P peration of ign Regulator ch culation. Engine strating system	rocesses ition syste aracteristi cooling syste	d and gas fuels. Constru- in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: desig	calculatin of individ ution number of dire ss indicators. Engin formance and eleme	dual system e ect and indire e lubrication ent calculatior	element ct actic system n. Engir	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre	estems for alter elements for teristics and i s. Regulator e iction performa ature automati filters. Directio ching methods: esenting in cla	rnative Otto Otto and o impact of fa elements c ance and e ion regulations for filter	diesel eng actors on c construction lement calc on. Engine calculation	nes feeding. P peration of ign . Regulator ch culation. Engine strating system	rocesses ition syste aracteristi cooling sy s. Starting	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per	calculatin of individ ution number of dire indicators. Engin formance and eleme gn and calculation of ditory practical class	dual system e ect and indire e lubrication ent calculatior system parts.	lement ct actio system . Engin . Fuel, c	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre	estems for alter elements for teristics and i s. Regulator e iction performa ature automati filters. Directio ching methods: esenting in cla	rnative Otto Otto and o impact of fa elements c ance and e ion regulations for filter	diesel eng actors on c construction lement calc on. Engine calculation	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system v appropriate pin ng IC engines v	rocesses ition syste aracteristi cooling sy s. Starting ctures, diaq vith approp	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au	calculatin of individ ution number of dire indicators. Engin formance and eleme gn and calculation of ditory practical class	dual system e ect and indire e lubrication ent calculatior system parts.	lement ct actio system . Engin . Fuel, c	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre	estems for alter elements for eteristics and i s. Regulator e iction performa ature automati filters. Directio ching methods: esenting in cla	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system v appropriate pin ng IC engines v	rocesses ition syste aracteristi cooling sy s. Starting ctures, diaq vith approp	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au- priate laboratory equipment	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior ' system parts.	element ct actic system n. Engir . Fuel, c	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes	estems for alter elements for eteristics and i s. Regulator e icction performa ature automati filters. Direction ching methods: esenting in cla s performed at	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch culation. Engine strating system appropriate pion ng IC engines v Knowledge	rocesses ition syste aracteristi cooling s s. Starting ctures, diag vith approp evaluation Points	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au oriate laboratory equipment (maximum 100 points)	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts es, laboratory	element ct actic system n. Engir . Fuel, c practic Point:	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercis	estems for alter elements for teristics and i s. Regulator e action performa ature automati filters. Directio ching methods: esenting in cla s performed at Pre-examina	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch culation. Engine strating system appropriate pion ng IC engines v Knowledge of Mandatory	ctures, diag vith approp evaluation 5.00 5.00 5.00	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au oriate laboratory equipment (maximum 100 points) Final e:	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts es, laboratory Mandatory	element ct actio system n. Engin . Fuel, c practic	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercise Lecture Project	estems for alter elements for eteristics and i s. Regulator e iction performa ature automati filters. Directic ching methods: esenting in cla seperformed at Pre-examina e attendance attendance	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system appropriate pion ng IC engines v Knowledge of Mandatory Yes	ctures, diaq vith approp evaluation 5.00 30.00	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au oriate laboratory equipment (maximum 100 points) Final e:	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts es, laboratory Mandatory	element ct actio system n. Engin . Fuel, c practica Points	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercis Lecture Project Test	estems for alter elements for eteristics and i s. Regulator e iction performa ature automati filters. Directic ching methods: esenting in cla seperformed at Pre-examina e attendance attendance	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system v appropriate pine ng IC engines v Knowledge of Mandatory Yes Yes Yes Yes Yes	rocesses ition syste aracteristi cooling sy s. Starting vith approp evaluation Points 5.00 30.00 10.00	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au oriate laboratory equipment (maximum 100 points) Final e:	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts es, laboratory Mandatory	element ct actio system n. Engin . Fuel, c practic	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercise Lecture Project Test Test	estems for alter elements for eteristics and i s. Regulator e iction performa ature automati filters. Directic ching methods: esenting in cla seperformed at Pre-examina e attendance attendance	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system v appropriate pin g IC engines v Knowledge of Mandatory Yes Yes Yes	rocesses ition syste aracteristi cooling sy s. Starting vith approp evaluation Points 5.00 30.00 10.00	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au oriate laboratory equipment (maximum 100 points) Final e:	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts es, laboratory Mandatory	element ct actio system n. Engin . Fuel, c practica Points	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercis Lecture Project Test	estems for alter elements for eteristics and i s. Regulator e iction performa ature automati filters. Directic ching methods: esenting in cla seperformed at Pre-examina e attendance attendance	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system v appropriate pine ng IC engines v Knowledge of Mandatory Yes Yes Yes Yes Yes	ctures, diag ctures, diag s. Starting evaluation Points 5.00 30.00 10.00 10.00	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: desig grams and schemes. Au priate laboratory equipme (maximum 100 points) Final e: Oral part of the exam	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts es, laboratory Mandatory	element ct actio system n. Engin . Fuel, c practic	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercis: Lecture Project Test Test	estems for alter elements for teristics and i s. Regulator e inction performa ature automati filters. Direction thing methods: esenting in cla s performed at Pre-examina e attendance task	rnative Otto Otto and o impact of fa elements c ance and e ion regulations for filter ssees, accoor testing table ation obliga	diesel eng actors on c onstruction lement calo on. Engine calculation mpanied by les for testi	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system appropriate pin ng IC engines v Knowledge of Mandatory Yes Yes Yes Yes Yes	ctures, diag ctures, diag vith approp evaluation 5.00 30.00 10.00 10.00 Litera	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: desig grams and schemes. Au oriate laboratory equipme (maximum 100 points) Final e: Oral part of the exam	calculatin of individ ution number of dire ss indicators. Engin formance and eleme gn and calculation of ditory practical classe ent.	dual system e ect and indire e lubrication ent calculatior system parts. es, laboratory Mandatory Yes	lement ct actic system . Engir . Fuel, c practic Point: 30.0	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercise Lecture Project Test Test	estems for alter elements for teristics and i s. Regulator e inction performa ature automati filters. Direction thing methods: esenting in cla s performed at Pre-examina e attendance task	rnative Otto Otto and o impact of fa elements c ance and e ion regulatio ons for filter sses, acco testing tab	diesel eng actors on c onstructior lement cale on. Engine calculatior mpanied by les for testi tions	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system mappropriate pin g IC engines v Knowledge of Mandatory Yes Yes Yes Yes Yes Yes Yes	rocesses ition syste aracteristi cooling sy s. Starting ctures, diag vith approp evaluation Points 5.00 30.00 10.00 10.00 10.00 Litera Title	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au- priate laboratory equipment (maximum 100 points) Final e: Oral part of the exam	calculatin of individ ution number of dire s indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts. es, laboratory Mandatory Yes	lement ct actic system . Engir . Fuel, c practic Point: 30.0	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercis: Lecture Project Test Test Test	estems for alter elements for teristics and i s. Regulator e inction performa ature automati filters. Direction thing methods: esenting in cla s performed at Pre-examina e attendance task	rnative Otto Otto and o impact of fa elements c ance and e ion regulations for filter ssees, accoor testing table ation obliga	diesel eng actors on c onstructior lement cale on. Engine calculatior mpanied by les for testi tions	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system mappropriate pin g IC engines v Knowledge of Mandatory Yes Yes Yes Yes Yes Yes Yes	rocesses ition syste aracteristi cooling sy s. Starting ctures, diag vith approp evaluation Points 5.00 30.00 10.00 10.00 10.00 Litera Title	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: desig grams and schemes. Au oriate laboratory equipme (maximum 100 points) Final e: Oral part of the exam	calculatin of individ ution number of dire ss indicators. Engin formance and eleme gn and calculation of ditory practical classe ent.	dual system e ect and indire e lubrication ent calculatior system parts. es, laboratory Mandatory Yes	lement ct actio system . Engin . Fuel, c practic Points 30.0	
Fuel sy system Charac engines constru tempera and air 4. Teac Oral pre classes Exercise Lecture Project Test Test Test Ord.	elements for alter elements for teristics and i s. Regulator e action performa ature automati filters. Directic ching methods: esenting in cla sperformed at Pre-examina e attendance task	rnative Otto Otto and o impact of fa elements c ance and e ion regulations for filter ssees, accoor testing table ation obliga	diesel eng actors on c onstructior lement cale on. Engine calculatior mpanied by les for testi tions	nes feeding. P peration of ign . Regulator ch sulation. Engine strating system r appropriate pin ng IC engines v Knowledge Mandatory Yes Yes Yes Yes Yes Yes Yes Yes Yes ave i procesi u s račun sistema, s	rocesses ition syste aracteristi cooling sy s. Starting ctures, diag vith approp evaluation Points 5.00 30.00 10.00 10.00 10.00 Litera Title sistemu ub skripta JS	in injection system and ms. Regulators of revol cs and regulator proces ystems: construction per by compressed air: design grams and schemes. Au- priate laboratory equipment (maximum 100 points) Final e: Oral part of the exam	calculatin of individ ution number of dire is indicators. Engin formance and eleme gn and calculation of ditory practical class ent.	dual system e ect and indire e lubrication ent calculatior system parts. es, laboratory Mandatory Yes	elements ct actio systems . Engin . Fuel, o practica Points 30.0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:								
Course id:	S0I241			Inter	nal Combustion	Engines		
Number of ECTS:	5							
Teachers:		Dorić Ž. Jo	ovan, Klinar J. Iv	/an				
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures: Practical classes: Other teaching types: Study research work: Other classes:						sses:		
3	1	1	1		0		0	
Precondition courses		-	None					
1. Educational goal:								
To acquire basic kno engines.	wledge in t	the field of	theory, working	indicator	s, power characteristics	and equipment of th	e internal cor	mbustion
2. Educational outcom	nes (acquire	ed knowled	ge):					
Ability for routine usage complex area of inter				n individua	l or team work, as well as	s the ability for furthe	er improvemei	nts in the
3. Course content/stru	icture:							
engine cycles: Otto, combustion process a Engine power propert properties. Fuel feedi	diesel and and expans ties: speed ng system	d combined sion process , load, prop of Otto and	d. Analysis on s. Basic indicato eller, combinato diesel engines.	real cycle ors of worl ory (univer Ignition s	combustion engines. We es: process of working king cycles: indicative, eff rsal), tuning, idle stroke a systems in Otto engines. I ne strokes. Air filters for e	matter exchange, c ficient and forced inc ind other properties. Engine cooling syste	compression licators. Heat Monitoring th	process, balance. e engine
4. Teaching methods:						-		
Presentations are ora beam, and sometime	ll, supplem s using an	overhead	projector. Audi	tory pract	s and schemes projected ice classes are numerica ating the engines and us	al with presentations	s, while the la	aboratory
			Knowledge e	evaluation	(maximum 100 points)			
Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	am	Mandatory	Points
Exercise attendance			Yes		Oral part of the exam		Yes	30.00
Lecture attendance Project task			Yes	5.00 30.00				
Test			Yes	10.00				
Test Yes 10.00								
Test Yes 10.00								
	Literature							
Ord. A	uthor			Title		Publishe	er	Year
1, Klinar Ivan		MO	TORI SUS			FTN		2005



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:					_				
Course	id:	NJ03Z		C	Serma	n Language – Ir	ntermediate		
Number	of ECTS:	2							
Teache	r:		Berić B. And	drijana					
Course	status:		Elective						
Number	of active teac	hing classe	s (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	research work: Of		asses:
	2	0		0		0		0	
Precond	lition courses		-						
1. Educ	ational goal:								
	ng vocabulary je structures.	, developin	ig language	communicatio	on compe	tence in the wide range of	of everyday situation	is, mastering	complex
2. Educ	ational outcom	nes (acquire	ed knowledge	e):					
						e of everyday situations us ninking in more detail, as			e complex
3. Cours	se content/stru	icture:							
the liste	ened text. The	oretical pa	rt of the cou	Irse: reflexive	pronouns	omplex situations both or s, unreal clauses, adject ausal clauses with the li	ive declination, pass	sive with mo	dal verbs,
4. Teac	hing methods:								
Emphas essentia		ommunicat	ion method,	implying stuc	lents` act	ivity during the class. Du	iring communication	, mutual inte	raction is
				Knowledge e	valuation	(maximum 100 points)			
	Pre-examina	tion obligat	ions	Mandatory	Points	Final ex		Mandatory	Points
Test				Yes		Written part of the exam	- tasks and theory	Yes	35.00
Test				Yes	10.00	Oral part of the exam		Yes	35.00
Test				Yes					
				Literature					
Ord.	-	uthor		Title			Publisher		Year
1,	M.Perlmann Tomaszewsk	,	Them	nen aktuell 3 (L	_ektion 1-l	Lektion 5)	Hueber Verlag		2004



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:			Reload Logistics							
Course id:		S0218		Reload Logistics						
Number of E	CTS:	6								
Teachers:			Georgijevi	ć S. Milosav, VI	adić M. Jo	van				
Course statu	s:		Mandatory	,						
Number of a	ctive teac	hing classe	es (weekly)							
Lectur	es:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:	
3		2	2	0 0 1						
Precondition	courses		None							
1. Education	al goal:									
Acquiring ba	sic profes	sional kno	wledge rela	ted to reload pro	ocesses, i	naterial flow, transport ma	achines and devices.			
2. Education	al outcom	es (acquir	ed knowled	ge):						
Acquired known devices.	owledge	can be us	ed in practi	ce for solving i	reload pro	ocesses, optimal choice	and exploitation of t	ransport syst	ems and	
3. Course co	ntent/stru	cture:								
(machines a Reload conti for a convey element. Sp transport) 4. Teaching Lectures, au examinations	nd equip nuous act or with th becific ma . Working methods: ditory an s – tests a	ment for in tion equipm ne chain-d achines at g automat d laborato and hence	ntermittent nent. Prope Iriving elem nd equipme tion of con pry practice be exclude	transportation) rties of material ent. Elevators. ent (automatic tinuous action . During the tea d from taking th). Working s and tran Descripti ally contr machine aching pro-	achines and equipment automation of intermitt sport units. Band convey on, properties and calcu- olled vehicles, robots a s.	ent running machine ors. Description, prop lations for a convey and manipulators, p e possibility to take a Condition for taking ti	es. erties and cal or without th alletizers, pr and pass thre he final exam	lculations e driving neumatic ee partial ination is	
						(maximum 100 points)	!	<u> </u>		
Pre	-examina	tion obliga	tions	Mandatory	Points	Final e	kam	Mandatory	Points	
Exercise atte	ndance			Yes	5.00	Oral part of the exam		Yes	30.00	
Graphic pape	er			Yes	20.00					
Lecture atter				Yes	5.00					
Presentation				Yes	10.00	-				
Test Yes 10.00										
Test Yes 10.00 Test Yos 10.00										
Test Yes 10.00 Literature										
Ord	^	uthor				Duklish		Veer		
Ord.		uthor	N/=1		Title	Publishe	;	Year 2005		
	dić J. orgijević, N	4	Mehanizacija i tehnologija pretovara FTN, No					Novi Sad	1995	
	orgijević, r orgijević, N		Regalna skladišta Pretovar kontenera				Mala velika knjiga, Novi Sad 1995 Knjiga pripremljena za štampu 2008			
	3.12.1.0,1						1 1.9- 1. 19 01. 19010			



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:				.				
Course	id:	S024N		In	formati	on technologie	s in transport		
Numbe	r of ECTS:	4							
Teache	er:		Simić S. Dra	agan					
Course	status:		Mandatory						
Numbe	r of active tead	hing classes	s (weekly)						
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	1	0 0 1						
Precon	dition courses		<u>_</u>	None					
1. Educ	ational goal:								
	ition of basic k n transport sys		bout the ro	le and the imp	portance of	f information technology	and information sys	stems and the	eir use ir
2. Educ	ational outcon	nes (acquire	d knowledg	e):					
moderr knowle	n operating sy	/stems as w its will be ca	vell as spe pable to do	cific informations specific engine	on system	about the role of informa is in traffic, transport a n transport domain, and f	nd logistics systems	s. With this p	, barticular
	age in the held	of computer	rtechnolog	у.					
3. Cour Informa	rse content/stru ation and data	ucture: . Basic conc	epts of con	nputer science		nation technology. Func			
3. Cour Informa busines The org manage	rse content/struation and data ss information ganization an	ucture: . Basic conc systems. In d structure ation system	epts of con formation s of data. S	nputer science ystem compor ystems for da	nents: hard Itabase ma	nation technology. Func lware, software, databas anagement. Relational ation systems for wareho	ses, computer netwo database. Informat	rks, human re ion systems	esources in traffic
3. Cour Informa busines The or manage informa	se content/struation and data ss information ganization an ement. Information	ucture: . Basic conc systems. Ini d structure ation system y.	epts of con formation s of data. S	nputer science ystem compor ystems for da	nents: hard Itabase ma	lware, software, databas anagement. Relational	ses, computer netwo database. Informat	rks, human re ion systems	esources in traffic
3. Cour Informa busines The or manage informa 4. Teac	rse content/stru ation and data as information ganization an ement. Informa tion technolog	ucture: . Basic conc systems. In d structure ation system y.	epts of con formation s of data. S s for transp	nputer science ystem compor ystems for da ort manageme	nents: hard tabase ma ent. Informa	lware, software, databas anagement. Relational ation systems for wareho	ses, computer netwo database. Informat	rks, human re ion systems	esources in traffic
3. Cour Informa busines The or manage informa 4. Teac	rse content/stru ation and data as information ganization an ement. Informa tion technolog	ucture: . Basic conc systems. In d structure ation system y.	epts of con formation s of data. S s for transp	nputer science ystem compor ystems for da ort manageme continuous inc	nents: hard Itabase ma ent. Informa lividual wor	lware, software, databas anagement. Relational ation systems for wareho	ses, computer netwo database. Informat	rks, human re ion systems	esources in traffic
 Cour Information busines The orgonal manage information Teac 	rse content/stru ation and data. ss information ganization an ement. Informa tion technolog ching methods: es, exercises, c	ucture: . Basic conc systems. In d structure ation system y. computer exe	epts of con formation s of data. S s for transp ercises and	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e	nents: hard tabase ma ent. Informa lividual wor	lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points)	ses, computer netwo database. Informat puse management. D	rks, human re ion systems istribution cer	esources in traffic nters and
 Cour Information business The orgonalised provided the or	rse content/stru ation and data. as information ganization an ement. Informa tion technolog ching methods: es, exercises, c Pre-examina	ucture: . Basic conc systems. In d structure ation system y. computer exe	epts of con formation s of data. S s for transp ercises and	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory	nents: hard tabase ma ent. Informa lividual wor evaluation (Points	lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final ex	ses, computer netwo database. Informat buse management. D	rks, human re ion systems istribution cer Mandatory	esources in traffic nters and Points
3. Cour Informa busines The or, manage informa 4. Teac Lecture Exercis	se content/stru ation and data. ss information ganization an ement. Informa tion technolog ching methods: es, exercises, content Pre-examina e attendance	ucture: . Basic conc systems. In d structure ation system y. computer exe	epts of con formation s of data. S s for transp ercises and	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory Yes	nents: hard tabase ma ent. Informa lividual wor evaluation (Points 5.00 (lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points)	ses, computer netwo database. Informat buse management. D	rks, human re ion systems istribution cer	esources in traffic nters and Points
3. Cour Informa busines The or manage informa 4. Teac Lecture Exercis Lecture	se content/stru ation and data. ss information ganization an ement. Informa tion technolog ching methods: es, exercises, c Pre-examina e attendance attendance	ucture: . Basic conc systems. In d structure ation system y. computer exe	epts of con formation s of data. S s for transp ercises and	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory Yes Yes	ividual wor evaluation (Points 5.00	lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final ex	ses, computer netwo database. Informat buse management. D	rks, human re ion systems istribution cer Mandatory	esources in traffic nters and
3. Cour Informa busines The or, manage informa 4. Teac Lecture Exercis	se content/stru ation and data. ss information ganization an ement. Informa tion technolog ching methods: es, exercises, c Pre-examina e attendance attendance	ucture: . Basic conc systems. In d structure ation system y. computer exe	epts of con formation s of data. S s for transp ercises and	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory Yes Yes Yes	nents: hard tabase ma ent. Informa lividual wor evaluation (Points 5.00 (lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final ex	ses, computer netwo database. Informat buse management. D	rks, human re ion systems istribution cer Mandatory	esources in traffic nters and Points
3. Cour Informa busines The org manage informa 4. Teac Lecture Exercis Lecture Project	se content/stru ation and data. ss information ganization an ement. Informa tion technolog ching methods: es, exercises, c Pre-examina e attendance attendance	ucture: . Basic conc systems. In d structure ation system y. computer exe	epts of con formation s of data. S s for transp ercises and	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory Yes Yes	ividual wor evaluation (Points 5.00 30.00	lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final ex Written part of the exam	ses, computer netwo database. Informat buse management. D	rks, human re ion systems istribution cer Mandatory	esources in traffic nters and Points
3. Cour Informa busines The org manage informa 4. Teac Lecture Exercis Lecture Project	se content/struation and data. ss information ganization an ement. Informa- tition technolog ching methods: es, exercises, content Pre-examina- te attendance task	ucture: . Basic conc systems. In d structure ation system y. computer exe	epts of con formation s of data. S s for transp ercises and	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory Yes Yes Yes	ents: hard tabase ma ent. Informa lividual wor evaluation (Points 5.00 30.00 10.00	lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final ex Written part of the exam	ses, computer netwo database. Informat buse management. D	rks, human re ion systems istribution cer Mandatory Yes	esources in traffic nters and Points
3. Cour Informa busines The org manage informa 4. Teac Lecture Exercis Lecture Project Test	se content/struation and data ss information ganization an ement. Informa ition technolog thing methods: es, exercises, content Pre-examina e attendance task	Author	epts of con formation s of data. S s for transp ercises and ons	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory Yes Yes Yes Yes Yes	ividual wor evaluation (Points 5.00 30.00 10.00 Litera Title	Iware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final ex Written part of the exam	es, computer netwo database. Informat puse management. D cam - tasks and theory Publishe	rks, human re ion systems istribution cer Mandatory Yes	Points 50.00
3. Cour Informa busines The org manage informa 4. Teac Lecture Exercis Lecture Project Test Ord.	se content/struation and data. ss information ganization an ement. Informa- tition technolog ching methods: es, exercises, content Pre-examina- te attendance task	Author	epts of con formation s of data. S s for transp ercises and ons	nputer science ystem compor ystems for da ort manageme continuous inc Knowledge e Mandatory Yes Yes Yes Yes Yes Yes	ividual wor evaluation (Points 5.00 30.00 10.00 Litera Title	lware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final ex Written part of the exam	es, computer netwo database. Informat buse management. D kam - tasks and theory	rks, human re ion systems istribution cer Mandatory Yes	Points 50.00
3. Cour Informa busines The org manage informa 4. Teac Lecture Project Test Ord. 1,	se content/struation and data sinformation ganization an ement. Informa- tion technolog thing methods: es, exercises, content Pre-examina- e attendance task A Stephen Doy	Author Author	epts of con formation s of data. S s for transp ercises and ons ons Infor	nputer science ystem compor ystems for da ort manageme continuous inc <u>Knowledge e</u> Mandatory Yes Yes Yes Yes Yes mation System	lividual wor evaluation (Points 5.00 30.00 10.00 Litera Title s for You - s in Logisti	Iware, software, databas anagement. Relational ation systems for wareho rk. (maximum 100 points) Final e: Written part of the exam ture Student's Book	es, computer netwo database. Informat puse management. D cam - tasks and theory - tasks and theory Publishe Nelson Thornes	rks, human re ion systems istribution cer Mandatory Yes	Points 50.00 Year 2001



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:		Populations in the						
Course	id:	S0214			Regula	ations in the Fie	ld of Traffic		
Numbe	r of ECTS:	5							
Teache	er:		Jovanović I	M. Dragan					
Course	status:		Mandatory						
Numbe	r of active tead	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:
	2 1 0 0							1	
Precon	dition courses			None		ł			
1. Educ	cational goal:			<u>.</u>					
related those p	to human rela	tions, cond	itions and be	ehaviour in traf	fic. To lea	as a prerequisite for bett rn legal regulative as limi tions in the function of pla	ting factors that influe	ences the beh	naviour of
2. Educ	cational outcon	nes (acquir	ed knowledg	e):					
						affic engineers in their we maintenance, inspection			
				er to facilitate i				n about regul	
provide 3. Cour	es norms on ge	eneral cond	litions in orde	er to facilitate i	nternation	al traffic.			
3. Cour Course of traffi	es norms on ge rse content/stru subject. Natio c (traffic safet	eneral cond acture: nal and int y, transpor	litions in orde ernational so t organizatio	er to facilitate in ources of regula	nternation ations in tr matter tra	al traffic. raffic. Conditions for trans nsport). Transport licenc	sportation activities. I	Regulations ir	n the field
3. Course of traffi Respor	es norms on ge rse content/stru subject. Natio c (traffic safet	neral cond ucture: nal and int y, transpor ic. Multilate	litions in orde ernational so t organizatio	er to facilitate in ources of regula on, hazardous	nternation ations in tr matter tra	al traffic. raffic. Conditions for trans nsport). Transport licenc	sportation activities. I	Regulations ir	n the field
3. Course of traffi Respor 4. Teac	es norms on ge rse content/stru subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory	neral cond icture: nal and int y, transpor ic. Multilate practice. E	litions in orde ernational so t organizatio eral and bila During the co	er to facilitate in purces of regul- on, hazardous teral internation purse, students	nternation ations in tr matter tra nal contra have to el	al traffic. raffic. Conditions for trans nsport). Transport licenc	sportation activities. I tes in domestic and , in which they have t	Regulations ir International t	the field transport
3. Course of traffi Respor 4. Teac	es norms on ge rse content/stru subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory	neral cond icture: nal and int y, transpor ic. Multilate practice. E	litions in orde ernational so t organizatio eral and bila During the co	er to facilitate in ources of regul- on, hazardous teral internation ourse, students workshops wh	ations in tr matter tra nal contra have to el ere studer	al traffic. raffic. Conditions for trans nsport). Transport licenc acts. laborate a seminar paper	sportation activities. I tes in domestic and , in which they have t	Regulations ir International t	the field transport
3. Course of traffi Respor 4. Teac	es norms on ge rse content/stru subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory	neral cond icture: nal and int y, transpor ic. Multilate practice. E pns, and th	ernational so t organizatio eral and bila During the co ere are also	er to facilitate in ources of regul- on, hazardous teral internation ourse, students workshops wh	ations in tr matter tra nal contra have to el ere studer	al traffic. raffic. Conditions for trans nsport). Transport licenc acts. laborate a seminar paper nts discuss the most sign	sportation activities. les in domestic and , in which they have t ficant regulations in t	Regulations ir International t	the field transport
2. Course of traffi Respor 4. Teac Lecture applica	es norms on ge rse content/stru subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulatio	neral cond icture: nal and int y, transpor ic. Multilate practice. E pns, and th	ernational so t organizatio eral and bila During the co ere are also	er to facilitate in ources of regul- on, hazardous teral internation ourse, students workshops wh Knowledge e	nternation ations in tr matter tra nal contra have to el ere studer evaluation Points 5.00	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most sign (maximum 100 points) Final e: Theoretical part of the ex	sportation activities. les in domestic and , in which they have t ificant regulations in t	Regulations ir nternational t o analyse the he field of trat	n the field transport e practica ffic. Points
9 provide 3. Course of traffi Respor 4. Teac Lecture applica Exercis Lecture	es norms on ge rse content/stru e subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulation Pre-examina- ee attendance e attendance	neral cond icture: nal and int y, transpor ic. Multilate practice. E pns, and th	ernational so t organizatio eral and bila During the co ere are also	er to facilitate in ources of regul- on, hazardous teral internation ourse, students workshops wh Knowledge e Mandatory	nternation ations in tr matter tra nal contra have to el ere studer evaluation Points 5.00 5.00	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most sign (maximum 100 points) Final e:	sportation activities. les in domestic and , in which they have t ificant regulations in t	Regulations ir international t to analyse the he field of trat Mandatory	e practica ffic. Points 25.00
2. Course of traffi Respon 4. Teac Lecture applica Exercis Lecture Term p	es norms on ge rse content/stru e subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulation Pre-examina- ee attendance e attendance	neral cond icture: nal and int y, transpor ic. Multilate practice. E pns, and th	ernational so t organizatio eral and bila During the co ere are also	er to facilitate in purces of regul- on, hazardous teral internation purse, students workshops wh Knowledge e Mandatory Yes Yes Yes	nternation ations in tr matter tra nal contra have to el ere studer evaluation Points 5.00 5.00 20.00	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most sign (maximum 100 points) Final e: Theoretical part of the ex	sportation activities. les in domestic and , in which they have t ificant regulations in t	Regulations ir International to o analyse the he field of trate Mandatory Yes	e practica ffic. Points 25.00
2. Course of traffi Respor 4. Teac Lecture applica Exercis Lecture Term p Test	es norms on ge rse content/stru e subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulation Pre-examina- ee attendance e attendance	neral cond icture: nal and int y, transpor ic. Multilate practice. E pns, and th	ernational so t organizatio eral and bila During the co ere are also	er to facilitate in burces of regul on, hazardous teral internation burse, students workshops wh Knowledge e Mandatory Yes Yes Yes Yes	ations in ternation ations in ternation matter trainal contra have to elere studer evaluation Points 5.00 5.00 20.00 10.00	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most sign (maximum 100 points) Final e: Theoretical part of the ex	sportation activities. les in domestic and , in which they have t ificant regulations in t	Regulations ir International to o analyse the he field of trate Mandatory Yes	e practica ffic. Points 25.00
2. Course of traffi Respon 4. Teac Lecture applica Exercis Lecture Term p	es norms on ge rse content/stru e subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulation Pre-examina- ee attendance e attendance	neral cond icture: nal and int y, transpor ic. Multilate practice. E pns, and th	ernational so t organizatio eral and bila During the co ere are also	er to facilitate in purces of regul- on, hazardous teral internation purse, students workshops wh Knowledge e Mandatory Yes Yes Yes	nternation ations in tr matter tra nal contra have to el ere studer evaluation Points 5.00 5.00 20.00 10.00	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most signi (maximum 100 points) Final e: Theoretical part of the exam	sportation activities. les in domestic and , in which they have t ificant regulations in t	Regulations ir International to o analyse the he field of trate Mandatory Yes	e practica ffic. Points 25.00
2. Course of traffi Respor 4. Teac Lecture applica Exercis Lecture Term p Test Test	es norms on ge rse content/stru subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulation Pre-examinate e attendance aper	eneral cond acture: nal and int y, transpor ic. Multilate practice. E ons, and th ation obliga	ernational so t organizatio eral and bila During the co ere are also	er to facilitate in burces of regul on, hazardous teral internation burse, students workshops wh Knowledge e Mandatory Yes Yes Yes Yes	nternation ations in tr matter tra nal contra have to el ere studer evaluation Points 5.00 5.00 20.00 10.00 10.00 Liter	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most signi (maximum 100 points) Final e: Theoretical part of the exam Oral part of the exam ature	sportation activities. I ses in domestic and i, in which they have t ficant regulations in t xam	Regulations ir international to o analyse the he field of trate Mandatory Yes Yes	e practica ffic. Points 25.00 25.00
2. Course of traffi Respor 4. Teac Lecture applica Exercis Lecture Term p Test Test Ord.	es norms on ge rse content/stru e subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulati Pre-examina e attendance aper	neral cond icture: nal and int y, transpor ic. Multilate practice. E pns, and th	ernational so t organizatio eral and bila During the co ere are also tions	er to facilitate in burces of regul on, hazardous teral internation burse, students workshops wh Knowledge e Mandatory Yes Yes Yes Yes Yes Yes	nternation ations in tr matter tra nal contra have to el ere studer evaluation Points 5.00 5.00 20.00 10.00 10.00 Liter. Title	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most signi (maximum 100 points) Final e: Theoretical part of the exam Oral part of the exam ature	sportation activities. les in domestic and , in which they have t ficant regulations in t xam am	Regulations ir international to o analyse the he field of trat Mandatory Yes Yes	n the field transport e practica ffic. Points 25.00 25.00 Year
Provide 3. Course of traffi Respor 4. Teac Lecture applica Exercis Lecture Term p Test Test	es norms on ge rse content/stru subject. Natio c (traffic safet nsibility in traff ching methods: es and auditory tion of regulation Pre-examinate e attendance aper	eneral cond icture: nal and int y, transpor ic. Multilate practice. E ons, and th ation obliga	ernational so t organizatio eral and bila During the co ere are also tions	er to facilitate in ources of regul- on, hazardous teral internation ourse, students workshops wh Knowledge e Mandatory Yes Yes Yes Yes Yes Yes ove saobraćajr	nternation ations in tr matter tra nal contra have to el ere studer evaluation Points 5.00 5.00 20.00 10.00 10.00 Liter Title	al traffic. raffic. Conditions for trans nsport). Transport licence acts. laborate a seminar paper nts discuss the most signi (maximum 100 points) Final e: Theoretical part of the exam Oral part of the exam ature	sportation activities. I ses in domestic and i, in which they have t ficant regulations in t xam	Regulations ir international to o analyse the he field of trat Mandatory Yes Yes	n the field transport practical ffic. Points 25.00 25.00



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course				Operations research					
Course	id:	S053N				Operations rese	earch		
Number	r of ECTS:	5							
Teache	r:		Pantović B	. Jovanka					
Course	status:		Mandatory						
Number	lumber of active teaching classes (weekly)								
L	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work: Other cla		asses:
	3 2 0					0		1	
Precon	dition courses	-					•		
1. Educ	ational goal:								
						cs models of queueing sy their application in engin		blems, intro	duction to
2. Educ	ational outcom	nes (acquir	ed knowled	je):					
						s in setting the mathemat eueing systems.	ics models and know	ledge of algo	rithms for
3. Cour	se content/stru	icture:							
				M/s/k. Liinear p		ng. Simplex algorithm. D oblem.	uality theory. Introdu	uction to Gra	ph theory.
4. Teac	hing methods:								
accomp tested	anies lectures through simu	s, characte	eristic proble analysis of	ems are solved	and the lof PPLE	der to better understand knowledge taught during (and the final examinati 1.	lectures is deepene	d. The kno	wledge is
				Knowledge	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points
Comput	ter excersise d	efence		Yes	10.00	Practical part of the exan	n - tasks	Yes	70.00
	ter excersise d	efence		Yes	10.00				
	Homework Yes 5.00								
Homew	omework Yes 5.00								
			Literature						
Ord.		uthor	Title Publisher Year						
1,	Petrić, J., Ko L.,	JIC, ∠., Sare	arenac, Zbirka zadataka iz operacionih istraživanja Nauka, Beograd 1996						
2,	Vukadinović,	S.	Elementi teorije masovnog opsluživanja Naučna knjiga, Beograd 1988						
3,	Mila Stojakov	/ić	Slučajni procesi FTN, Novi Sad 1999						1999
4,	Robert Vand	erbei	Line	Linear ProgrammingSpringer2008					



Г

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:			Introduction to Logistics								
Course	id:	SO211			In	troduction to Lc	gistics				
Number	of ECTS:	4									
Teache	1	1	Nikoličić S.	Svetlana							
Course	status:	1	Mandatory								
Number	of active teac	hing classes	s (weekly)	(weekly)							
L	ectures:	Practical of	classes:	asses: Other teaching types: Study research work: Other classes:							
	2	2	0 0 0								
Precond	lition courses		-	None		·					
1. Educ	ational goal:										
						ystem of one country, s ow transformation in tim			stem and		
2. Educ	ational outcom	es (acquire	d knowledg	je):							
function						e structure of the logistion nd quantifies logistics pr					
3. Cours	se content/stru	icture:									
subsyst	ems: transport ses. Logistics	t, transshipn	nent, stora	ging, inventory	managem	ematic and process ap nent, information subsyst acturing and trading co	ems. Logistics and s	upply chains.	Logistics		
4. Teac	ning methods:										
	s, exercises, c exam at once		, debates,	team presentat	ions. Kno	wledge testing : parcial t	est taking (collpoquiu	um 1 and colle	oquium 2)		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	tion obligation	ons	Mandatory	Points	Final e	xam	Mandatory	Points		
Exercise	e attendance			Yes	5.00	Written part of the exam	- tasks and theory	Yes	70.00		
Homew				Yes	10.00						
	attendance			Yes	5.00						
Present	ation		Yes 10.00								
Ord.	Δ	uthor	Literature								
		utrior	Title Publisher Ye								
1,	Gajić V.		Logistika preduzeca - skripta Sad 2002						2002		
2,	David J. Bloo B. LeMay, Jo	e B. Hanna	phen Logistika Biblioteka gospodarska misao, Zagrebačka škola ekonomije i managementa 2006						2006		
3,	Gordana Rac Momčilo Milju Vidović	, ,	Logistički kontroling i performanse Saobraćajni fakultet, Beograd 2007						2007		
4,	Milorad Kiliba	arda		Marketing u logistici, Univerzitet u Beogradu, Saobraćajni fakultet, Univerzitet u Beogradu, Saobraćajni fakultet 2011							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

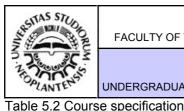


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:		Organization of Water Transport							
Course	id:	S0220	Organization of Water Transport							
Numbe	r of ECTS:	6								
Teache	r:	В	ačkalić M.	Todor						
Course	status:	E	lective							
Number of active teaching classes (weekly)										
L	.ectures:	Practical cla								
	3	2	2 0 0 1							
Precon	econdition courses									
1. Educ	ational goal:									
				echnology of t hnological cha		rocess, work organizat s of ports.	ion and exploitation o	of fleet, naviga	ation and	
2. Educ	ational outcon	nes (acquired	knowledge	e):						
defining course with oth and pro	g logistic chair Water Transp ner forms of tra ocess comple	ns and supply ort Technolog ansport (road x knowledge	chains. K y, defines and railwa necessary	nowledge on t the place and ay), and reload y for solving t	the water to role of wat ling means he problen	perties related to water to ransport organization, to ter transport in the knows and technology. The construction of selecting the most proper knowledge on the the technology.	ogether with the know dedge basis acquired ourses that present the feasible logistic cha	wledge acquir in the course he knowledge ain (freight for	ed in the s dealing upgrade	
3. Cour	se content/stru	ucture:								
Introdu	ction: organiza	ation and tech	noloav of t	transport proc	ess in wate	er transport. Technology	of the transport proc	cess in water t	ransport.	
Exploita transpo technol anchora	ation indicators ort technology logical proper	s of work and y and vessel ties and port and transport	transport a type. Bas classificati	ability of a flee sics of naviga ion. Basic por	t. Cargo lo ation and v t elements	er transport. Technology ading and cargo plan. T vessel traffic control o s. Operational river ban age facilities.Port capa	ransport costs in wat n inland waterways ks – quay walls, pier	er transport. (. Basic techn	Choosing ical and	
Exploita transpo technol anchora 4. Teac Lecture practice	ation indicators ort technology logical proper age. Reload a shing methods es: oral preser	s of work and y and vessel ties and port and transport	transport a type. Bas classificati mechaniza omputer p of instrum	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas	t. Cargo lo ation and v t elements . Port stora Auditory pr	ading and cargo plan. T vessel traffic control o . Operational river ban	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre	ter transport. (. Basic techn . Port aquator sentations. La	Choosing nical and rium and	
Exploita transpo technol anchora 4. Teac Lecture practice	ation indicators ort technology logical proper age. Reload a shing methods es: oral preser e: introduction	s of work and y and vessel ties and port and transport	transport a type. Bas classificati mechaniza omputer p of instrum	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A rents for meas er.	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real	ading and cargo plan. T vessel traffic control o c. Operational river ban age facilities.Port capa ractice: oral presentatio	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre	ter transport. (. Basic techn . Port aquator sentations. La	Choosing nical and rium and	
Exploita transpo technol anchora 4. Teac Lecture practice	ation indicators ort technology logical properi age. Reload a shing methods: es: oral preser e: introduction mpanies deali	s of work and y and vessel ties and port and transport	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A rents for meas er.	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real	ading and cargo plan. T vessel traffic control o s. Operational river ban age facilities.Port capa ractice: oral presentatio system parameters, vis	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and	ter transport. (. Basic techn . Port aquator sentations. La	Choosing lical and rium and	
Exploita transpo technol anchora 4. Teac Lecture practice and cor Exercis	ation indicators ort technology logical propert age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance	s of work and y and vessel ties and port and transport tations and c to the usage ng with the co	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. <i>i</i> nents for meas er. Knowledge e	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00	ading and cargo plan. T vessel traffic control o age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points)	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v	ter transport. (. Basic techn . Port aquator sentations. La visiting establi	Choosing nical and rium and aboratory ishments Points	
Exploita transpo technol anchora 4. Teac Lecture practice and cor Exercis Homew	ation indicators ort technology logical propert age. Reload a ching methods es: oral preser e: introduction mpanies deali Pre-examina e attendance rork	s of work and y and vessel ties and port and transport tations and c to the usage ng with the co	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas er. Knowledge e Mandatory Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00	ading and cargo plan. T vessel traffic control o age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory	Choosing nical and rium and aboratory ishments Points	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew	ation indicators ort technology logical proper age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance rork rork	s of work and y and vessel ties and port and transport that transport to the usage ng with the co ation obligatio	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations nents for meas er. Knowledge e Mandatory Yes Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00	ading and cargo plan. T vessel traffic control o age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory	Choosing nical and rium and aboratory ishments Points	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew Laborat	ation indicators ort technology logical properi age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance vork tory exercise a	s of work and y and vessel ties and port and transport that transport to the usage ng with the co ation obligatio	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas er. Knowledge e Mandatory Yes Yes Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00 3.00	ading and cargo plan. T vessel traffic control o age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory	Choosing nical and rium and aboratory ishments	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew Laborat Lecture	ation indicators ort technology logical properi age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance vork tory exercise a e attendance	s of work and y and vessel ties and port and transport that transport to the usage ng with the co ation obligatio	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas er. Knowledge e Mandatory Yes Yes Yes Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00	ading and cargo plan. T vessel traffic control o age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory	Choosing nical and rium and aboratory ishments Points	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew Laborat Lecture	ation indicators ort technology logical properi age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance vork tory exercise a e attendance	s of work and y and vessel ties and port and transport that transport to the usage ng with the co ation obligatio	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas er. Knowledge e Mandatory Yes Yes Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00 3.00 4.00	ading and cargo plan. T vessel traffic control o s. Operational river ban age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e Written part of the exam	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory	Choosing nical and rium and aboratory ishments Points	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew Laborat Lecture Present	ation indicators ort technology logical properi- age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance vork tory exercise a e attendance tation	s of work and y and vessel ties and port and transport ties and cransport to the usage ng with the co ation obligatio	transport a type. Bas classificati mechaniza omputer p of instrum ourse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas er. Knowledge e Mandatory Yes Yes Yes Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00 3.00 4.00 10.00 Litera	ading and cargo plan. T vessel traffic control o s. Operational river ban age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e Written part of the exam	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v xam - tasks and theory	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory Yes	Choosing iical and rium and aboratory ishments Points 70.00	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew Laborat	ation indicators ort technology logical proper age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance rork tory exercise a e attendance tation	s of work and y and vessel ties and port and transport ties and cransport to the usage ng with the co ation obligatio attendance	transport a type. Bas classificati mechaniza omputer p of instrum purse matt	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas er. Knowledge e Mandatory Yes Yes Yes Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00 3.00 4.00 10.00	ading and cargo plan. T vessel traffic control o s. Operational river ban age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e Written part of the exam	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v xam - tasks and theory Publishe Saobraćajni fakulte Univerziteta u Beog	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory Yes er er	Choosing nical and rium and aboratory ishments Points	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew Laborat Lecture Present	ation indicators ort technology logical proper age. Reload a ching methods: es: oral preser e: introduction mpanies deali Pre-examina e attendance rork tory exercise a e attendance tation	s of work and y and vessel ties and port i and transport tations and c to the usage ng with the co ation obligatio attendance	transport a type. Bas classificati mechaniza omputer p of instrum purse matt	ability of a flee sics of navigation. Basic portation in a port resentations. A nents for measer. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00 3.00 4.00 10.00 Litera Title	ading and cargo plan. T vessel traffic control o control o control description of the sentation age facilities.Port capa ractice: oral presentation system parameters, vise (maximum 100 points) Final e Written part of the exameters ature	ransport costs in waf n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v wam - tasks and theory - tasks and theory Saobraćajni fakulte Univerziteta u Beog Saobraćajni fakulte	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory Yes Yes er er t gradu t t	Choosing iical and rium and aboratory ishments Points 70.00	
Exploita transpo- technol anchora 4. Teac Lecture practice and cor Exercis Homew Homew Laborat Lecture Present Ord. 1,	ation indicators ort technology logical properi- age. Reload a ching methods. es: oral preser e: introduction mpanies deali Pre-examina e attendance fork fory exercise a e attendance tation Colić Vladeta Radmilović 2	s of work and y and vessel ties and port and transport ties and port and transport ties and contractions and	transport a type. Bas classificati mechaniza omputer p of instrum purse matt ns ns	ability of a flee sics of naviga ion. Basic por ation in a port resentations. A nents for meas er. Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Yes a Yes Yes a Yes	t. Cargo lo ation and v t elements . Port stora Auditory pr suring real evaluation (Points 3.00 5.00 5.00 3.00 4.00 10.00 Litera Title	ading and cargo plan. T vessel traffic control o s. Operational river ban age facilities.Port capa ractice: oral presentatio system parameters, vis (maximum 100 points) Final e Written part of the exam	ransport costs in wat n inland waterways ks – quay walls, pier city. ns and computer pre iting the terrain and v xam - tasks and theory Publishe Saobraćajni fakulte Univerziteta u Beog Saobraćajni fakulte	er transport. (. Basic techn . Port aquator sentations. La visiting establi Mandatory Yes Yes er t gradu tt gradu	Choosing lical and rium and aboratory ishments Points 70.00 Year 2005	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course: Process management in water transport Course id: S0I4N4 Number of ECTS: 6 Teacher: Bačkalić M. Todor Course status: Elective Number of active teaching classes (weekly) Study research work: Lectures: Practical classes: Other classes: Other teaching types: 3 2 0 0 1 Precondition courses 1. Educational goal: Acquire knowledge about processes in water transport, technological and organizational characteristics of fleet management, ship maneuvering process and vessel traffic control on inland waterways, planning, development and exploitation of ports. 2. Educational outcomes (acquired knowledge): To apply acquired knowledge on technical and technological properties of water transport technology in solving transport problems in water transport, as well as in defining logistic chains and supply chains. The knowledge on the water transport technology, together with the knowledge acquired in the course Organization of Water Transport, defines the place and role of water transport in the knowledge basis acquired in the courses dealing with other forms of transport (road and railway), and reloading means and technology. The courses that present the knowledge upgrade and process complex knowledge necessary for solving the problem of selecting the most feasible logistic chain (freight forwarding, company logistics, intermodal transport technologies) demand the proper knowledge on the basic forms of transport 3. Course content/structure: Introduction: basic principles of process management i water transport. Organization and technology of transport process in water transport. Technology of the transport process in water transport. Exploitation indicators of work and transport ability of a fleet. Cargo loading and cargo plan. Transport costs in water transport. Choosing transport technology and vessel type. Basics of navigation and vessel traffic control on inland waterways. Basic technical and technological properties and port classification. Basic port elements. Operational river banks – quay walls, pier. Port aquatorium and anchorage. Reload and transport mechanization in a port. Port storage facilities. Port capacity. Port planing and development. 4. Teaching methods: Lectures: oral presentations and computer presentations. Auditory exercises: oral presentations and computer presentations. Laboratory exercise: introduction to the instruments for measurement of real systems, fieldwork and visits to institutions and companies dealing with the subject matter. Knowledge evaluation (maximum 100 points) Mandatory Pre-examination obligations Points Final exam Mandatory Points Exercise attendance 5.00 Final exam - part one Yes 35.00 Yes Lecture attendance 5.00 Final exam - part two Yes 35.00 Yes Presentation 5.00 Yes Term paper 15.00 Yes Literature Ord. Author Title Publisher Year Čolić Vladeta, Radmilović Vodni saobraćai Saobraćajni fakultet, Beograd 2006 1 <u>Zoran, Škiljaica Vladimir</u> Škiljaica Vladimir, Todor Tehnologija vodnog saobraćaja - deo Plovna 2, FTN, Novi Sad 2005 Bačkalić prevozna sredstva 3 Muškatirović Dragutin Unutrašnji plovni putevi i pristaništa Saobraćajni fakultet, Beograd 1992 4 Radmilović Zoran 1994 Planiranje i razvoj luka Saobraćajni fakultet, Beograd



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:									
Course	id:	S0323			Railw	ay Transport Te	echnology		
Number	of ECTS:	5							
Teacher	rs:		Stojić S. Gor	dan, Tanacko	ov J. Ilija, ⁻	Геріć Ð. Jovan			
Course	status:		Mandatory						
Number	of active teac	hing classe	s (weekly)						
Le	ectures:	Practical							isses:
	3	2							
Precond	lition courses			None			-		
1. Educa	ational goal:								
and pas		es, railway				and mobile units, driving all organization of the rail			
2. Educa	ational outcom	es (acquire	ed knowledge):					
						ay transport with the en le construction.	tire transport system	n. Utilizing kr	nowledge
3. Cours	se content/stru	cture:							
organiza wagon p	ation. Technol	ogy of driv assenger ti	ing vehicle u ransport orga	sage. Coordi	nation of e	quipment. Technology of engine and wagon pools ystems for mass passen	Transport plan. Tec	hnology of p	assenger
4. Teach	ning methods:								
Auditory	lectures and	practice, la	boratory prac	tice (visits to	passengei	and freight railway static	ns).		
				Knowledge	evaluation	(maximum 100 points)			
	Pre-examina	ition obligat	ions	Mandatory	Points	Final e	kam	Mandatory	Points
Exercise	e attendance			Yes	5.00	Oral part of the exam		Yes	30.00
Lecture	attendance			Yes		Practical part of the exan	n - tasks	Yes	40.00
Term paper Yes 20.00									
Literature									
Ord.	Author Title Publisher Year						Year		
1,	Đorđe M. Koj	pić	Novom Sadu						2006
2,	Đorđe Kopić,	Ilija Tanac	ckov Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, Fakultet tehničkih nauka Novi Sad						2004
3,	Dr Mirko Čiča	ak	Organizacija železničkog saobraćaja Saobraćajni fakultet u Beogradu 1990						
4,	Dr Mirko Čiča Vesković	ak, Mr Slavl	ko Orgar zadat		ničkog sac	braćaja - zbirka rešenih	Saobraćajni fakultet	, Beograd	1999



г

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2	Course	specification
-----------	--------	---------------

Course: Course id: 50324 Fundamentals in Traffic Planning									
Course id: S0324 Fundamentals in Traffic Planning Number of ECTS: 5									
Numbe	r of ECTS:	5							
Teache	r:		Basarić B. V	alentina					
Course	status:		Mandatory						
Numbe	r of active teac	hing classe	s (weekly)						
Lectures: Practical classes: Other teaching types: Study research work: Other classes:									
3 1 1 0 1									
Precondition courses None									
1. Educ	ational goal:								
						ration of spatial and tim stics of transport means			related to
2. Educ	ational outcom	nes (acquire	d knowledge	e):					
						lysis and dialysis on the ses for elaborating the t		on, participat	ion in the
3. Cour	se content/stru	icture:							
information system and database creation, counting and questionnaires, time and spatial properties of transport demands. Interdependency in land usage and transport demand, influence of social and economic processes on transport demand. Transport supply – transport capacity of vehicles, individual transport vehicles, public transport systems, freight transport systems. Traffic networks – categorization and functional classification, trunk networks, city networks, capacity and service level. Regulation of traffic supply and demand. 4. Teaching methods:								f transport d	lemands
supply categor deman 4. Teac	pendency in la – transport cap rization and fu d. hing methods:	and usage a bacity of veh nctional cla	and transpo nicles, individ nssification, t	rt demand, in ual transport v runk network	fluence of vehicles, pu s, city net	ⁱ social and economic p ublic transport systems, f	rocesses on transpo reight transport syste vice level. Regulatio	f transport d ort demand. 1 ems. Traffic ne n of traffic su	lemands Franspor etworks - upply and
supply categor demand 4. Teac Lecture	pendency in la – transport cap rization and fu d. hing methods:	and usage a bacity of veh nctional cla	and transpo nicles, individ nssification, t laboratory	rt demand, in ual transport v runk network	fluence of vehicles, pu s, city net	social and economic p ublic transport systems, t works, capacity and ser	patial properties of rocesses on transpo reight transport syste vice level. Regulatio	f transport d ort demand. 1 ems. Traffic ne n of traffic su	lemands Franspor etworks - upply and
supply categor demand 4. Teac Lecture	pendency in la – transport cap rization and fu d. shing methods: es, auditory an	and usage a bacity of veh nctional cla	and transpo nicles, individ nssification, t laboratory	rt demand, in ual transport v runk network practice. The	fluence of vehicles, pu s, city network course pr	social and economic p ublic transport systems, t works, capacity and ser	patial properties of rocesses on transpo reight transport syste vice level. Regulatio	f transport d ort demand. 1 ems. Traffic ne n of traffic su	lemands Franspor etworks - upply and
supply categor deman 4. Teac Lecture substitu	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the pa Pre-examina	and usage a bacity of veh nctional cla d practical rt of the ex	and transpo nicles, individ nssification, t laboratory amination.	rt demand, in ual transport v runk network practice. The	fluence of vehicles, pu s, city net course pr evaluation Points	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration c (maximum 100 points) Final e:	patial properties of rocesses on transpo reight transport syste vice level. Regulatio of papers. Passed pa	f transport d ort demand. 1 ems. Traffic ne n of traffic su	lemands Transpor etworks - upply and ation is a
supply - categor deman 4. Teac Lecture substitu	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the pa Pre-examina e attendance	and usage a bacity of veh nctional cla d practical rt of the ex	and transpo nicles, individ nssification, t laboratory amination.	rt demand, in ual transport v runk network practice. The Knowledge e Mandatory Yes	fluence of vehicles, pu s, city net course pr evaluation (Points 5.00	social and economic p ublic transport systems, f works, capacity and ser redicts the elaboration c (maximum 100 points) Final ex Written part of the exam	patial properties of rocesses on transpo reight transport syste vice level. Regulatio of papers. Passed pa	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes	lemands Franspor etworks - upply and ation is a Points 40.00
supply- categoi demand 4. Teac Lecture substitu Exercis Lecture	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examina e attendance attendance	and usage a bacity of veh nctional cla d practical rt of the ex	and transpo nicles, individ nssification, t laboratory amination.	rt demand, in ual transport v runk network practice. The Knowledge e Mandatory Yes Yes	fluence of vehicles, pu s, city net course pr evaluation Points 5.00 5.00	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration c (maximum 100 points) Final e:	patial properties of rocesses on transpo reight transport syste vice level. Regulatio of papers. Passed pa	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory	lemands Franspor etworks - upply and ation is a Points 40.00
supply categori demand 4. Teac Lecture substitu	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examina e attendance attendance	and usage a bacity of veh nctional cla d practical rt of the ex	and transpo nicles, individ nssification, t laboratory amination.	rt demand, in ual transport v runk network practice. The Knowledge e Mandatory Yes	fluence of vehicles, pu s, city network course pr evaluation Points 5.00 20.00	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration c (maximum 100 points) Final e Written part of the exam Oral part of the exam	patial properties of rocesses on transpo reight transport syste vice level. Regulatio of papers. Passed pa	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes	lemands Franspor etworks - upply and ation is a Points 40.00
supply categoi demand 4. Teac Lecture substitu Exercis Lecture Term p	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examina e attendance attendance aper	and usage a bacity of veh nctional cla d practical rt of the ex-	and transpo nicles, individ nssification, t laboratory amination.	rt demand, in ual transport v runk network practice. The Knowledge e Mandatory Yes Yes	fluence of vehicles, pu s, city net course pr evaluation (Points 5.00 5.00 20.00 Litera	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration c (maximum 100 points) Final e Written part of the exam Oral part of the exam	patial properties of rocesses on transpor reight transport syste vice level. Regulatio of papers. Passed pa kam - tasks and theory	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes Yes	lemands Transpor etworks - upply and ation is a Points 40.00 30.00
supply categoi demand 4. Teac Lecture substitu Exercis Lecture Term p Ord.	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examina e attendance attendance aper A	and usage a bacity of veh nctional cla d practical rt of the ex- ation obligat	and transpo nicles, individ assification, t laboratory amination.	rt demand, in ual transport v runk network practice. The Knowledge e Mandatory Yes Yes Yes	fluence of vehicles, pu s, city net course pr evaluation Points 5.00 5.00 20.00 Litera Title	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration of (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	patial properties of rocesses on transpor reight transport syste vice level. Regulatio of papers. Passed pa kam - tasks and theory Publishe	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes Yes Yes	lemands Transpor etworks - upply and ation is a Points 40.00 30.00 Year
supply categoi demand 4. Teac Lecture substitu Exercis Lecture Term p	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examina e attendance attendance aper	and usage a bacity of veh nctional cla d practical rt of the ex- ation obligation suthor carević	and transpo nicles, individ network individ network individ amination.	rt demand, in ual transport v rrunk network practice. The Knowledge e Mandatory Yes Yes Yes Yes ve planiranja s ranje saobraća	fluence of vehicles, pu s, city net course pr evaluation (Points 5.00 5.00 20.00 Litera Title saobraćaja	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration of (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	patial properties of rocesses on transpor reight transport syste vice level. Regulatio of papers. Passed pa kam - tasks and theory	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes Yes Yes er nauka	lemands Franspor etworks - upply and ation is a Points 40.00 30.00
supply categoi demand 4. Teac Lecture substitu Exercis Lecture Term p Ord. 1,	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examinate e attendance attendance attendance aper A Ratomir Vrač Valentina Ba	and usage a bacity of veh nctional cla d practical rt of the ex- ation obligation suthor carević	and transpo nicles, individ assification, t laboratory amination. ions Osno Planin zadat	rt demand, in ual transport v rrunk network practice. The Knowledge e Mandatory Yes Yes Yes Yes ve planiranja s ranje saobraća	fluence of vehicles, pu s, city netv course pr evaluation (Points 5.00 20.00 Litera Title saobraćaja aja - Praktil	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration of (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature h-skripta kum sa zbirkom	patial properties of rocesses on transpor reight transport syste vice level. Regulatio of papers. Passed pa sam - tasks and theory Publishe Fakultet tehnkičkih	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes Yes Yes er nauka	emands Franspor etworks - upply and ation is a Points 40.00 30.00 Year 2002
supply- categoi demand 4. Teac Lecture substitu Exercis Lecture Term p Ord. 1, 2,	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examina e attendance attendance attendance aper A Ratomir Vrač Valentina Ba Simeunović J.Pađen	and usage a bacity of veh nctional cla d practical rt of the ex- ation obligati ation obligati sarić, Milan	and transpo nicles, individ assification, t laboratory amination. ions Osno Plani zadat Osno	rt demand, in ual transport v runk network practice. The <u>Knowledge e</u> <u>Mandatory</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>ve planiranja s</u> ranje saobraća <u>aka</u>	fluence of vehicles, pu s, city net course pr evaluation (Points 5.00 (20.00 Litera Title saobraćaja aja - Praktil planiranja	social and economic p ublic transport systems, t works, capacity and ser redicts the elaboration of (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature h-skripta kum sa zbirkom	patial properties of rocesses on transpor reight transport syste vice level. Regulatio of papers. Passed pa kam - tasks and theory Publishe Fakultet tehnkičkih Fakultet tehničkih n	f transport d ort demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes Yes er nauka auka	Points 40.00 30.00 Year 2002 2007
supply- categoidemand 4. Teac Lecture substitu Exercis Lecture Term p Ord. 1, 2, 3,	pendency in la – transport cap rization and fu d. thing methods: es, auditory an ute for the par Pre-examina e attendance attendance attendance aper A Ratomir Vrač Valentina Ba Simeunović J.Pađen	and usage a bacity of veh nctional cla d practical rt of the ex- ation obligati ation obligati sarević sarić, Milan	and transpo nicles, individ assification, t laboratory amination. ions ions Osno Planin zadat Osno Planin	rt demand, in ual transport v runk network practice. The <u>Knowledge e</u> <u>Mandatory</u> Yes Yes Yes ve planiranja s anje saobraća <u>aka</u> ve prometnog	fluence of vehicles, pu s, city netv course pr evaluation Points 5.00 20.00 Litera Title saobraćaja aja - Praktil planiranja	social and economic p ublic transport systems, f works, capacity and ser redicts the elaboration of (maximum 100 points) Final e: Written part of the exam Oral part of the exam ature	patial properties of rocesses on transpor reight transport syste vice level. Regulatio of papers. Passed pa kam - tasks and theory Publishe Fakultet tehnkičkih Fakultet tehničkih n Informator Zagreb	f transport d brt demand. T ems. Traffic ne n of traffic su artial examina Mandatory Yes Yes Yes er nauka auka t Beograd	lemands Fransport etworks – upply and ation is a Points 40.00 30.00 Year 2002 2007 1986



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course: Course		60326			ł	Roads and Junc	tions		
	r of ECTS: 7								
Teache			Uzelac D.	Đorđe					
Course	status:		Mandatory	1					
Number	r of active teach	ing classes	s (weekly)						
	ectures:	Practical of		Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3	2		0		0		1	
Precond	dition courses		•	None			•		
1. Educational goal:									
	ng the basic er /ement structur		knowledge	e in planning, d	esigning a	and building roads, inclue	ding intersections (lev	velled and ur	levelled)
2. Educ	ational outcome	es (acquire	d knowled	ge):					
Knowle	dge in essential	procedure	es and tech	iniques for plani	ning, desig	gning and building roads.			
3. Cour	se content/struc	ture:							
- Introdu - Histori - Classi - Exploi - Driver - Road - Projec - Situati - Road - Interse - Urban - Soil ar - Paven - Road 4. Teac		s oad design ironment ng plan nation ology ction mater nd manager	and explo rials ment	itation					
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examinat	ion obligati	ons	Mandatory	Points	Final ex	kam	Mandatory	Points
	e attendance			Yes		Oral part of the exam		Yes	40.00
Graphic	attendance			Yes	20.00 5.00				
	part of the exar	n - tasks ar	nd theory	Yes Yes	30.00				
			,	103		ature			
Ord.	Au	Ithor			Title		Publishe	er	Year
1,	Đorđe Uzelac			• •	"Putevi i	saobraćajnice", prof. Đ.			2007
2, J.Katanić, M.Maletin, V. Projektovanje puteva Građevinska knjiga, Beograd						1989			
3,	M. Maletin		Plar	niranje i projekto	ovanje sad	obraćajnica u gradovima	Orion art, Beograd		2005
4,	A. Cvetanović		Kolo	ovozne konstruk	cije		Akademska misao, Beograd		2007
5,	RADNA GRUI	PA				a koje javni putevi novišta bezbednosti	SDPJ Beograd		1981



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:	:								
Course	id:	S0331				Traffic Safet	ty in the second s		
Number	r of ECTS:	6							
Teache	r:		Jovanović M	. Dragan					
Course	status:		Mandatory						
Number	r of active teac	hing classe	s (weekly)						
	.ectures:	Practical		Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	3	2		0	5 91	0	1		
Precond	dition courses		None						
	ational goal:								
Learnin with a s	g about pheno	sis on learn	ing about tra	ffic accidents	(etiology)	uencing the situations the Acquiring knowledge o ocial values.			
2. Educ	ational outcom	ies (acquire	ed knowledge):					
knowleo Acquirir	dge on the mo	odes of det on the deve	ermining the	e degree of ri application of	sk in traff of contemp	n of reasons that endang ic. Possibility for rationa orary technologies in tra ic and safe traffic flows.	al management of tra	affic safety r	esources.
3. Cours	se content/stru	cture:							
acciden and act Objectiv	its. Dynamics a tion rhythm in	and structur traffic. Ex hnical facto	e of traffic ad ecutors of tr rs. Road as	ccidents. Cons affic accident a traffic safety	sequences ts. Notion	nenomenology. Action m s of traffic accidents. Eva of traffic accident etiolo shicle as a traffic safety fa	luation in the field of togy. Traffic accident	traffic safety. cause quar	Structure tification.
	hing methods: s. auditorv and	d computer	practice. Wi	thin the cours	se. studen	ts should complete a sei	minar paper where th	nev will apply	acquired
	dge in the ana				-,		······ P-P ····· ·		
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ition obligat	ions	Mandatory	Points	Final e	xam	Mandatory	Points
	e attendance			Yes		Theoretical part of the ex	am	Yes	30.00
Term pa	attendance			Yes	5.00 10.00	Oral part of the exam		Yes	40.00
Test	apei			Yes Yes	10.00				
				163	Litera	ature			
Ord.	Δ	uthor			Title		Publishe	ər	Year
1,	Milan Inić		Bezh	ednost drums			Fakultet tehničkih n		2004
2,	Slobodan Pa	-	Bezb	ednost saobra	<u> </u>	louju	MUP Srbije, Viša šl unutrašnjih poslova	kola	1994
3,	Dragač Rado Milan	slav, Vujar	ić Bezb	ednost saobra	aćaja II deo)	Saobraćajni fakulte	t Beograd	2002
4,	Milan Vujanić	\$	Zbirka deo	a rešenih zada	ataka iz be	zbednosti saobraćaja l	Saobraćajni fakulte	t Beograd	1991
5,	Milan Inić		Etiolo	gija saobraća		da	Savremena adminis Beograd		1995
6,	Radoslav Dra	agač		ednost saobra			Saobraćajni fakulte	-	1994
7,	Inić Milan		Feno	nenologija sa	obraćajnih	nezgoda	Institut za saobraća Univerzitet u Novor		1995
8,	Svetozar Kos	stić				i drumskog saobraćaja	FTN-Saobraćajni od Institut za saobraća	dsek	1994
9,	Milan Inić			na i saobraćaj			Sad Fakultet Tehničkih I		1996
10, Milan Inic Bezbednost drumskog saobracaja skripta il deo Sad							2004 1994		
11, 12,	Milan Hajduk Naučno struč		Propi		osti saobra	ćaja "Postojeće stanje i	istr. Beograd Viša škola unutrašr		2003
12,	Kosa Mitošev	•		emi primene" k i nezgode u	saobraćaj	-	Beograd Društvo inž. i tehnič		1985
15,		10	Cove	thezyoue u	Saudiacaj	u	saobraćaja i veza, l	Novi Sad	1900

RSITA	S STUD					THRAK	X HALL		
NIN 20	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation								
OPLA	INTER	UNDERGRADUAT			Transport Engineering	10	HOB		
Ord.		Author		Year					
14,	4, Milan Inić Čovek autor i žrtva saobraćajne nezgode Offset print, Novi Sad								



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course id: S0322 Number of ECTS: 6 Teacher: Gladović V. Pavle Course status: Elective Number of active teaching classes (weekly) Electures: Lectures: Practical classes: Other teaching types: Study research work: Other of the course status of the classes o	asses:
Teacher: Gladović V. Pavle Course status: Elective Number of active teaching classes (weekly)	asses:
Course status: Elective Number of active teaching classes (weekly)	asses:
Number of active teaching classes (weekly)	asses:
	asses:
Lectures: Practical classes: Other teaching types: Study research work: Other of	asses:
3 2 0 0	
Precondition courses None	
1. Educational goal:	
To acquire knowledge on the dimensioning of transport capacities, costs, transport routes and indicators of vehicle flee Determining and finding the most optimal modes of linking the working labour, means of transport and transport subject into a optimal and organized transport process. Learning about a range of procedures and methods in the unique intermodal trans each prior procedure is related to the subsequent one all until the end of the transport process.	technically
2. Educational outcomes (acquired knowledge):	
Observing the possibility for providing the optimal transport process that will enable successful functioning of freight and transport. Acquiring knowledge on the transport as an industrial activity providing a logistic support in the production process. P individual organization of optimal transport route during the transport process, as well as the rationalization in the usage o transportation, as well as technical devices and equipment, based on the existing transport demands.	ossibility of
3. Course content/structure:	
Transport and transport systems. Basic concepts in transport and transport systems. Transport process. Working elements of units. Technical and exploitation indicators of the transport units. Measuring devices and exploitation coefficients related to the distances. Vehicle speed. Measuring devices and usage of useful vehicle capacity. Productability of freight vehicle units. Dime transport capacities. Vehicle exploitation costs in road traffic. Selection of a transport route in the freight transport process. Coo vehicle motion and freight terminal working hours. Goods and goods flow. Passenger transport in road traffic. Measuring coach transport. Contemporary transport technologies in road traffic.	e travelled nsioning of dination of
4. Teaching methods:	
Lectures. Practice. Consultations. The examination is written and oral. The written part is eliminatory. Obligatory annual completed laboratory and computer practice.	aper, and
Knowledge evaluation (maximum 100 points)	
Pre-examination obligations Mandatory Points Final exam Mandator	/ Points
Exercise attendance Yes 5.00 Oral part of the exam Yes	30.00
Lecture attendance Yes 5.00 Practical part of the exam - tasks Yes	40.00
Term paper Yes 20.00	
Literature	
Ord. Author Title Publisher Image: Author Fakultet tehničkih nauka Novi Fakultet tehničkih nauka Novi	Year
1, Pavle Gladovic Tehnologija drumskog saobračaja Sad	2004
2, S. Glumac, S. Žeželj, P Gladović, S. Nijemčević Projektovanje, proizvodnja i eksploatacija autobusa Ikarbus AD, Beograd	2002
3, Pavle Gladović Zbirka rešenih zadataka iz tehnologije drumskog transporta PC Program, Beograd	2000



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:				_				
Course	e id:	S0I323			Тес	chnology of post	al traffic		
Numbe	er of ECTS:	6							
Teache	er:		Kujačić D. I	Vomčilo					
Course	status:		Elective						
Numbe	r of active teac	hing classe	es (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	2	2	0		0		1	
Precon	dition courses			None		•	•		
1. Educ	cational goal:								
	0	c knowledg	e of the pos	tal traffic, featu	res, techn	ological processes and se	ervices in postal traffi	C.	
	•			,		5 1	·		
2. Educ	cational outcom	nes (acquire	ed knowledg	e):					
Knowle	edge of the basi	ic process o	of transferrin	g postal items	technolog	ical phases and characte	ristics of postal servic	ces and traffic	
3. Cour	rse content/stru	icture:							
	at importance	and davak	anmont of n	ootol troffio no	atal pate	arka: appart and struct	ire of the nextal net	vork o divisi	on of the
Concep						orks: concept and struct			
Concep postal i trunking	network; Posta g (or transport	al traffic as ation), inw	a system: o ard sorting,	organization ar local distribut	nd operati ion and d	on systems, technologic lelivery. Postal traffic as	al processes, ; collect a complex system:	ction, outward character of	d sorting the wor
Concep postal i trunking process	network; Posta g (or transport s, postal traffic	al traffic as ation), inw as space	a system: o ard sorting, transportation	organization ar local distribut on complex sy	nd operati ion and d stem; Pos	on systems, technological lelivery. Postal traffic as stal services: market and	al processes, ; collec a complex system: classification of pos	ction, outward character of	d sorting the wor
Concep postal in trunking process special	network; Posta g (or transport s, postal traffic tasks in the p	al traffic as ation), inw as space	a system: o ard sorting, transportation	organization ar local distribut on complex sy	nd operati ion and d stem; Pos	on systems, technologic lelivery. Postal traffic as	al processes, ; collec a complex system: classification of pos	ction, outward character of	d sorting the worl
Concep postal i trunking process special 4. Teac	network; Posta g (or transport s, postal traffic tasks in the p ching methods:	al traffic as ation), inw as space rovision of	a system: o vard sorting, transportations services; te	organization ar local distribut on complex sy rms of organiz	nd operati ion and d stem; Pos zation and	on systems, technologica lelivery. Postal traffic as stal services: market and I functioning of the posta	al processes, ; collec a complex system: classification of pos l traffic.	ction, outward character of stal services,	d sorting the worl features
Concep postal i trunking process special 4. Teac	network; Posta g (or transport s, postal traffic tasks in the p ching methods:	al traffic as ation), inw as space rovision of	a system: o vard sorting, transportations services; te	organization ar local distribut on complex sy rms of organiz ation is written	nd operati ion and d stem; Pos zation and and oral.	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the posta The written part of the exa	al processes, ; collec a complex system: classification of pos l traffic.	ction, outward character of stal services,	d sorting the worl features
Concep postal i trunking process special 4. Teac	network; Posta g (or transport s, postal traffic tasks in the p ching methods:	al traffic as ation), inw as space rovision of	a system: o vard sorting, transportations services; te	organization ar local distribut on complex sy rms of organiz ation is written	nd operati ion and d stem; Pos zation and and oral.	on systems, technologica lelivery. Postal traffic as stal services: market and I functioning of the posta	al processes, ; collec a complex system: classification of pos l traffic.	ction, outward character of stal services,	d sorting the work features
Concep postal i trunking process special 4. Teac	network; Posta g (or transport s, postal traffic tasks in the p ching methods:	al traffic as cation), inw c as space rovision of nsultation.	a system: c vard sorting, transportation services; te The examin	organization ar local distribut on complex sy rms of organiz ation is written	nd operati ion and d stem; Pos zation and and oral. evaluation Points	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the posta The written part of the exa (maximum 100 points) Final ex	al processes, ; colled a complex system: classification of pos l traffic. am is eliminatory. Ma	ction, outward character of stal services,	d sorting the worl features y.
Concep postal i trunking process special 4. Teac Lecture	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co	al traffic as cation), inw c as space rovision of nsultation.	a system: c vard sorting, transportation services; te The examin	organization ar local distribut on complex sy rms of organiz ation is written Knowledge e	nd operati ion and d stem; Pos zation and and oral. evaluation Points	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the posta The written part of the exa (maximum 100 points)	al processes, ; colled a complex system: classification of pos l traffic. am is eliminatory. Ma	ction, outward character of stal services, ndatory essa	d sorting the worl features y. Points
Concep postal i trunking process special 4. Teac Lecture Exercis Homew	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co Pre-examina se attendance vork	al traffic as cation), inw c as space rovision of nsultation.	a system: c vard sorting, transportation services; te The examin	organization ar local distribut on complex sy rms of organiz ation is written Knowledge e Mandatory	nd operati ion and d stem; Pos zation and and oral. evaluation Points 5.00 30.00	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the posta The written part of the exa (maximum 100 points) Final ex	al processes, ; colled a complex system: classification of pos l traffic. am is eliminatory. Ma	ction, outward character of stal services, ndatory essay	d sorting the work features y. Points
Concep postal i trunking process special 4. Teac Lecture Exercis Homew Homew	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co Pre-examina e attendance vork vork	al traffic as cation), inw c as space rovision of nsultation.	a system: c vard sorting, transportation services; te The examin	organization ar local distribut on complex sy rms of organiz ation is written Knowledge e Mandatory Yes	and operati ion and d stem; Pos cation and and oral. evaluation Points 5.00 30.00 30.00	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the posta The written part of the exa (maximum 100 points) Final ex	al processes, ; colled a complex system: classification of pos l traffic. am is eliminatory. Ma	ction, outward character of stal services, ndatory essay	d sorting the work features y. Points
Concep postal i trunking process special 4. Teac Lecture Exercis Homew Homew	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co Pre-examina se attendance vork	al traffic as cation), inw c as space rovision of nsultation.	a system: c vard sorting, transportation services; te The examin	ation is written Knowledge e Mandatory Yes Yes	nd operati ion and d stem; Pos zation and and oral. evaluation Points 5.00 30.00	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the posta The written part of the exa (maximum 100 points) Final ex	al processes, ; colled a complex system: classification of pos l traffic. am is eliminatory. Ma	ction, outward character of stal services, ndatory essay	d sorting the worl features y. Points
Concep postal i trunking process special 4. Teac Lecture Exercis Homew Homew	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co Pre-examina e attendance vork vork	al traffic as cation), inw c as space rovision of nsultation.	a system: c vard sorting, transportation services; te The examin	ation is written Knowledge e Mandatory Yes Yes Yes	and operati ion and d stem; Pos zation and and oral. evaluation Points 5.00 30.00 30.00 5.00	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the posta The written part of the exa (maximum 100 points) Final ex	al processes, ; colled a complex system: classification of pos l traffic. am is eliminatory. Ma	ction, outward character of stal services, ndatory essay	d sorting the worl features y. Points
Concep postal i trunking process special 4. Teac Lecture Exercis Homew Homew	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co Pre-examina se attendance vork vork e attendance	al traffic as cation), inw c as space rovision of nsultation.	a system: c vard sorting, transportation services; te The examin	ation is written Knowledge e Mandatory Yes Yes Yes	and operati ion and d stem; Pos zation and and oral. evaluation Points 5.00 30.00 30.00 5.00	on systems, technologica lelivery. Postal traffic as stal services: market and f functioning of the posta The written part of the exa (maximum 100 points) Final ex Oral part of the exam	al processes, ; colled a complex system: classification of pos l traffic. am is eliminatory. Ma	ction, outward character of stal services, ndatory essa Mandatory Yes	d sorting the worl features y. Points
Concep postal i trunking process special 4. Teac Lecture Exercis Homew Homew Lecture	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co Pre-examina se attendance vork vork e attendance	al traffic as ration), inw as space rovision of nsultation.	a system: c vard sorting, transportations The examinations	ation is written Knowledge e Mandatory Yes Yes Yes	and operati ion and d stem; Pos cation and and oral. valuation Points 5.00 30.00 30.00 5.00 Liter Title	on systems, technologica lelivery. Postal traffic as stal services: market and f functioning of the posta The written part of the exa (maximum 100 points) Final ex Oral part of the exam	al processes, ; collec a complex system: classification of pos I traffic. am is eliminatory. Ma	ction, outward character of stal services, indatory essa Mandatory Yes	d sorting the worl features y. Points 30.00
Concer postal i trunking process special 4. Teac Lecture Exercis Homew Homew Lecture Ord.	network; Posta g (or transport s, postal traffic tasks in the p ching methods: es. Practice. Co Pre-examina e attendance vork e attendance	al traffic as ration), inw as space rovision of nsultation.	a system: c vard sorting, transportations The examinations	ation is written Knowledge e Mandatory Yes Yes Yes Yes Yes	and operati ion and d stem; Pos zation and and oral. evaluation Points 5.00 30.00 30.00 5.00 Liter Title	on systems, technologica lelivery. Postal traffic as stal services: market and d functioning of the postal The written part of the exact (maximum 100 points) Final exact Oral part of the exam	al processes, ; collec a complex system: classification of pos I traffic. am is eliminatory. Ma cam Publishe	ction, outward character of stal services, indatory essay Mandatory Yes Yes	d sorting the work features y. Points 30.00



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Course	specification
------------------	---------------

	:							_				
Course	id:	S0I593		Syste	em of	Public Transpor	tation of Goo	ds				
Numbe	r of ECTS:	6										
Teache	er:		Gladović V	. Pavle								
Course	status:		Elective									
Numbe	r of active teac	hing class	es (weekly)									
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:			
	3	:	2	0 0								
Precon	dition courses	•		None								
1. Educational goal:												
whose transpo	main objectiv ortation, and te	/e is to m echnical ex	aximize the ploitation s	e transport wo	rk range ose main	and their basic subsyst with the minimum expe objective is to provide a d repair.	enses and the enga	gement of m	neans of			
2. Educ	ational outcom	nes (acquir	ed knowledg	je):								
Observ quality compar	ing the possib level with the r ny.	ility for dev ninimum n	eloping the	transport syste	The possibility for maximizing the transport work range with the minimum expenses and engagement of means of transportation. Observing the possibility for developing the transport system that will be able to efficiently satisfy the demands for transport on the high quality level with the minimum negative environmental influence. Possibility for increasing the working efficiency within the transportation company.							
3 Cour	se content/stru											
3. Course content/structure: Transportation company – road traffic system. Functioning of the transport company system. Managing the transport company system. Functional properties of the freight automobile transport system. Criteria for exploitation facilities of freight vehicles. Automobile productivity. Functional optimization of freight vehicle exploitation. Interdependency of exploitation and technical parameters in the												
Transpo Function production	ortation compa onal properties tivity. Functior	any – road s of the fro nal optimiz	eight autom ation of frei	obile transpor ght vehicle ex	t system. ploitation	Criteria for exploitation	facilities of freight ploitation and technic	vehicles. Au cal paramete	tomobile ers in the			
Transpo Function product transpo	ortation compa onal properties tivity. Functior	any – road s of the fro nal optimiz ethods for t	eight autom ation of frei	obile transpor ght vehicle ex	t system. ploitation	Criteria for exploitation Interdependency of exp	facilities of freight ploitation and technic	vehicles. Au cal paramete	tomobile ers in the			
Transpo Functio product transpo 4. Teac	ortation compa onal properties tivity. Functior ort process. Me ching methods:	any – road s of the fro nal optimiz ethods for t	eight autom ation of frei echnical opt	obile transpor ght vehicle ex	t system. ploitation ne transpo	Criteria for exploitation Interdependency of exp	facilities of freight ploitation and technic	vehicles. Au cal paramete	tomobile ers in the			
Transpo Functio product transpo 4. Teac	ortation compa onal properties tivity. Functior ort process. Me ching methods:	any – road s of the fro nal optimiz ethods for t	eight autom ation of frei echnical opt	obile transpor ight vehicle ex imizations of th and examination	t system. ploitation ne transpo	Criteria for exploitation Interdependency of exp	facilities of freight ploitation and technic	vehicles. Au cal paramete	tomobile ers in the			
Transpo Functio product transpo 4. Teac	ortation compa onal properties tivity. Functior ort process. Me ching methods:	any – road s of the fr al optimiz ethods for t	eight autom ation of frei echnical opt aminations a	obile transpor ight vehicle ex imizations of th and examination	t system. ploitation he transpo n. evaluation Points	Criteria for exploitation Interdependency of exp rt process. Economic op (maximum 100 points) Final ex	facilities of freight ploitation and technic imization of the freig	vehicles. Au cal paramete	tomobile ers in the			
Transp Functic produc transpo 4. Teac Lecture Exercis	ortation compa onal properties tivity. Functior ort process. Me ching methods: es and practice Pre-examina e attendance	any – road s of the fr al optimiz ethods for t	eight autom ation of frei echnical opt aminations a	obile transpor ight vehicle ex imizations of th and examination Knowledge e	t system. ploitation transpo n. evaluation Points 5.00	Criteria for exploitation Interdependency of exp rt process. Economic opt (maximum 100 points) Final ex Coloquium exam	facilities of freight ploitation and technic imization of the freig	vehicles. Au cal paramete ht vehicle exp Mandatory Yes	tomobile ers in the ploitation. Points 30.00			
Transpo Functic product transpo 4. Teac Lecture Exercis Lecture	ortation compa onal properties tivity. Function of process. Me ching methods: es and practice Pre-examina e attendance e attendance	any – road s of the fr al optimiz ethods for t	eight autom ation of frei echnical opt aminations a	bile transpor ght vehicle ex imizations of the and examination Knowledge e Mandatory Yes Yes	t system. ploitation ne transpo n. evaluation Points 5.00 5.00	Criteria for exploitation Interdependency of exp rt process. Economic op (maximum 100 points) Final ex	facilities of freight ploitation and technic imization of the freig	vehicles. Au cal paramete ht vehicle exp Mandatory	tomobile ers in the ploitation. Points			
Transp Functic produc transpo 4. Teac Lecture Exercis	ortation compa onal properties tivity. Function of process. Me ching methods: es and practice Pre-examina e attendance e attendance	any – road s of the fr al optimiz ethods for t	eight autom ation of frei echnical opt aminations a	bile transpor ght vehicle ex imizations of th and examination Knowledge e Mandatory Yes	t system. ploitation he transpo n. evaluation Points 5.00 5.00 30.00	Criteria for exploitation Interdependency of exp rt process. Economic opt (maximum 100 points) Final ex Coloquium exam Oral part of the exam	facilities of freight ploitation and technic imization of the freig	vehicles. Au cal paramete ht vehicle exp Mandatory Yes	tomobile ers in the ploitation. Points 30.00			
Transp Functic produc transpo 4. Teac Lecture Exercis Lecture Term p	ortation compa onal properties tivity. Functior ort process. Me ching methods: es and practice Pre-examina e attendance aper	any – road s of the fr nal optimiz ethods for t , partial exa ation obliga	eight autom ation of frei echnical opt aminations a	bile transpor ght vehicle ex imizations of the and examination Knowledge e Mandatory Yes Yes	t system. ploitation he transpo n. evaluation Points 5.00 5.00 30.00 Liter	Criteria for exploitation Interdependency of exp rt process. Economic opt (maximum 100 points) Final ex Coloquium exam Oral part of the exam ature	facilities of freight bloitation and technic imization of the freig	vehicles. Au cal paramete ht vehicle exp Mandatory Yes Yes	Points 30.00 30.00			
Transpo Functic produc: transpo 4. Teac Lecture Exercis Lecture Term po Ord.	ortation compa onal properties tivity. Function ort process. Me ching methods: es and practice Pre-examina e attendance aper A	any – road s of the fr al optimiz ethods for t , partial exa ation obliga	eight autom ation of frei echnical opt aminations a tions	bile transpor ght vehicle ex imizations of the and examination Knowledge e Mandatory Yes Yes Yes Yes	t system. ploitation ne transpo n. evaluation 5.00 5.00 30.00 Liter Title	Criteria for exploitation Interdependency of exp rt process. Economic opt (maximum 100 points) Final ex Coloquium exam Oral part of the exam ature	facilities of freight bloitation and technic imization of the freig cam Publishe	Mandatory Yes Yes	Points 30.00 Year			
Transp Functic produc transpo 4. Teac Lecture Exercis Lecture Term p Ord. 1,	ortation compared on all properties tivity. Function ort process. Meething methods: the sand practice and practice attendance attendance aper A Pavle Gladow	any – road s of the fr al optimiz ethods for t , partial exa ation obliga	eight autom ation of frei echnical opt aminations a tions	obile transpor ight vehicle ex imizations of the and examination Knowledge e Mandatory Yes Yes Yes Yes nologija drumsk	t system. ploitation ne transpo n. valuation 5.00 5.00 30.00 Liter Title	Criteria for exploitation Interdependency of exp rt process. Economic opt (maximum 100 points) Final ex Coloquium exam Oral part of the exam ature acaja	facilities of freight ploitation and technic imization of the freig cam Publishe Fakultet tehničkih n Sad	Vehicles. Au cal paramete ht vehicle exp Mandatory Yes Yes Yes er auka Novi	Points 30.00 Year 2006			
Transpo Functic produc: transpo 4. Teac Lecture Exercis Lecture Term po Ord.	ortation compa onal properties tivity. Function ort process. Me ching methods: es and practice Pre-examina e attendance aper A	any – road s of the fr al optimiz ethods for t , partial exa ation obliga	eight autom ation of frei echnical opt aminations a tions Teh Siste	obile transpor ight vehicle ex imizations of the and examination Knowledge e Mandatory Yes Yes Yes Nes emi javnog auto	t system. ploitation he transpo n. evaluation Points 5.00 5.00 30.00 Liter Title cog saobra	Criteria for exploitation Interdependency of exp rt process. Economic opt (maximum 100 points) Final ex Coloquium exam Oral part of the exam ature acaja	facilities of freight ploitation and technic imization of the freig am cam Publishe Fakultet tehničkih n	Vehicles. Au cal paramete ht vehicle exp Mandatory Yes Yes Yes er auka Novi	Points 30.00 Year			



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course: Course id: S0330 Intermodal Transport Technology									
Course id: S0330 Internioual mansport rechnology Number of ECTS: 6									
Numbe	r of ECTS:	6							
Teache	er:		Stojanović I	M. Đurđica					
Course	status:		Mandatory						
Number	r of active tead	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
3 1 1 0 1									
Precondition courses None									
1. Educ	cational goal:								
То асqu	uire basic knov	vledge on tl	ne intermoda	al transport tec	hnologies	and the freight manipulat	ion unit system.		
2. Educ	cational outcon	nes (acquire	ed knowledge	e):					
Possibil	lity for compar	ative analys	sis on the exi	isting transport	technolog	jies in designing and real	izing intermodal trans	sport.	
3. Cour	se content/stru	ucture:							
approad and the technol	ch to freight tra e formation of	ansport ma freight unit - railway tra	nagement in ts in the trar ansport tech	intermodal transportation an	nsport rea d distribut	ex freight transport sys alization. Systems for enl tion system. Classical tr nicle" technologies). Roa	arging the transport ansport technologie	and manipula s. Container	ation units transport
4. Teac	hing methods:								
						s should complete semin udents are not obligated t			
				Knowledge e	evaluation	(maximum 100 points)		T	
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	kam	Mandatory	Points
	e attendance			Yes		Coloquium exam		Yes	30.00
_	e attendance			Yes	5.00 30.00	Oral part of the exam		Yes	30.00
Term pa	apei			Yes					
Ord					Litera		Dublish		Veer
Ord.	Risto Perišić	Author	SV			E TRANSPORTA I	Publishe Saobraćajni fakulte		Year 1995
2,	Risto Perišić					E TRANSPORTA II	Saobraćajni Fakulte	•	1995
3,	Slobodan Vu		Sklad				Univerzitet u Beograd	0	
4,	Slobodan Ze	čević	Robr	ni terminali i rol	bno-transp	ortni centri	Saobraćajni fakulte	t, Beograd	2006
5,	Huub Vrenke Macharis, Pe		Inter	modal Transpo	ort in Europ	De	EIA Brussels, Belgi	um	2005
6,	Branislav Bo			i kontenerski te	erminali		Libertas, Bijelo Polj	е	1997
7,	Risto Perišić		Siste	m kvaliteta us	uga-logisti	ika i informatika	Institut tehničkih na Beograd		2002
8,Stojanović, Đ., Maslarić, M., Nikoličić, S.Using the European Intermodal Transport E- marketplace - The Serbian Perspective"Strategijski menadžment" Ekonomski fakultet, Subotica ISSN: 0354-8414.							2008		
8, Stojanović, D., Masianč, M., Nikoličić, S. Osing the European intermodal transport E- marketplace - The Serbian Perspective Ekonomski fakultet, Subotica ISSN: 0354-8414. 200 Maslarić, M. Stojanović, D. Maslarić, M. Stojanović, D. Scientific Bulletin of the "Politehnica" University of								2008	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	: 			т	raffic S	Safety and Con	trol Methods		
Course		S0438							
		4							
Teache			stić I. Sve	tozar					
Course	status:	Ma	andatory						
Numbe	r of active teac	hing classes (weekly)			- 1			
L	ectures:	Practical cla	sses:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	2	1		0		0)	1	
Precon	dition courses			None					
1. Educational goal:									
investig		fic accidents.	Acquiring	g knowledge	on technie	thods and traffic contro cal devices for experti			
2. Educ	cational outcom	nes (acquired k	nowledge	e):					
creatior and ap	n of expertise opplicative softw	documentation ware in the pr	i, making rocedure	the accident s for investiga	sketch and ting the tra	in traffic accidents. Ap photo-elaborate. Applic affic accident. Introduc technical requirements	cation of contempora ction to and master	ry technical e	quipmer
3. Cour	rse content/stru	icture:							
significa Actions	ance, expertise and processes	e documentations in traffic. Det	on. Recor fining rele	struction of the vant parameter	raffic accid ers driver -		ment and stopping p	process of the	vehicles
manic (Actions and processes in traffic. Defining relevant parameters driver – vehicle – road. Technical devices for traffic control and regulation. Traffic control methods. Means for controlling the technical requirements for a vehicle.								
4. Teac	hing methods:		Jona oning	the technical	requireme	nts for a vehicle.			
Lecture	ching methods: es, auditory, cor r for students to	mputing and la	iboratory p	practice. At the lefining the ca	e course, th auses of act	ne critical analysis on re cidents.	al accidents is an obl	igatory part of	f teachin
Lecture	es, auditory, cor r for students to	mputing and la cacquire know	boratory p /ledge in c	practice. At the lefining the ca Knowledge e	e course, th auses of acc evaluation (ne critical analysis on re cidents. (maximum 100 points)		1	T
Lecture in order	es, auditory, cor r for students to Pre-examina	mputing and la	boratory p /ledge in c	bractice. At the lefining the ca Knowledge e Mandatory	e course, th auses of ac evaluation (Points	ne critical analysis on re cidents. (maximum 100 points) Final e	xam	Mandatory	Points
Lecture in order Exercis	es, auditory, cor r for students to Pre-examina se attendance	mputing and la cacquire know	boratory p /ledge in c	oractice. At the lefining the ca Knowledge e Mandatory Yes	e course, th auses of acc evaluation (Points 5.00 \	ne critical analysis on re cidents. (maximum 100 points) Final e Written part of the exam	xam	Mandatory Yes	Points 30.0
Lecture in order Exercis Lecture	es, auditory, cor r for students to Pre-examina e attendance attendance	mputing and la cacquire know	boratory p /ledge in c	A the carrier of the	e course, th auses of acc evaluation (Points 5.00 \	ne critical analysis on re cidents. (maximum 100 points) Final e	xam	Mandatory	Points
Lecture in order Exercis Lecture	es, auditory, cor r for students to Pre-examina e attendance attendance	mputing and la cacquire know	boratory p /ledge in c	oractice. At the lefining the ca Knowledge e Mandatory Yes	e course, th auses of acc evaluation (Points 5.00 (20.00	ne critical analysis on recidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam	xam	Mandatory Yes	Points 30.0
Lecture in order Exercis Lecture Term p	es, auditory, cor r for students to Pre-examina ee attendance attendance aper	mputing and la o acquire know ation obligation	boratory p /ledge in c	A the carrier of the	e course, th auses of acc evaluation (Points 5.00 (5.00 (20.00 Litera	ne critical analysis on recidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam	xam - tasks and theory	Mandatory Yes Yes	Points 30.0 40.0
Lecture in order Exercis Lecture Term pr Ord.	es, auditory, cor r for students to Pre-examina e attendance e attendance aper A	mputing and la cacquire know	boratory p /ledge in c s	A the restriction of the car Knowledge e Mandatory Yes Yes Yes Yes	e course, the suses of active course, the suses of active course, the sustainable course, the sustaina	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam	xam - tasks and theory Publish	Mandatory Yes Yes	Points 30.0 40.0 Year
Lecture in order Exercis Lecture Term po Ord. 1,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S.	mputing and la o acquire know ation obligation	boratory p /ledge in c s Tehni	A bezbednos	e course, th uses of acc evaluation (Points 5.00 (20.00 Litera Title	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam	xam - tasks and theory Publish FTN	Mandatory Yes Yes er	Points 30.0 40.0
Lecture in order Exercis Lecture Term pr Ord.	es, auditory, cor r for students to Pre-examina e attendance e attendance aper A	mputing and la o acquire know ation obligation uthor	iboratory p vledge in c s s Tehni	Aractice. At the lefining the ca Knowledge e Mandatory Yes Yes Yes Ka bezbednos raćajna tehnik	e course, th auses of acc evaluation (Points 5.00 (20.00 Litera Title sti i kontrole ca 1	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši	Mandatory Yes Yes er nauka	Points 30.0 40.0 Year 2005
Lecture in order Exercis Lecture Term pa Ord. 1, 2,	es, auditory, cor r for students to Pre-examina ee attendance attendance aper A Kostić, S. Svetozar Kos	mputing and la o acquire know ation obligation suthor stić c i dr	s Tehni Saobi Uviđa	Aractice. At the lefining the ca Knowledge e Mandatory Yes Yes Yes Ka bezbednos raćajna tehnik	e course, th uses of acc evaluation (Points 5.00 (20.00 Litera Title sti i kontrole a 1	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja	xam - tasks and theory Publish FTN Fakultet tehničkih r	Mandatory Yes Yes er nauka njih poslova,	Points 30.0 40.0 Year 2005 1994
Lecture in order Exercis Lecture Term pr Ord. 1, 2, 3,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S. Svetozar Kos Krsto Lipovao	mputing and la o acquire know ation obligation suthor stić c i dr	s Tehni Saobr Uviđa Brzina Zborn saobr	A sobractice. At the lefining the ca Mandatory Yes Yes Yes Yes sabezbednos raćajna tehnik j saobraćajnih a kao faktor bo ik radova, III- aćajno-tehnič	e course, th auses of acc evaluation (Points 5.00 v 5.00 v 20.00 Litera Title sti i kontrole sti i kontrole a 1 n nezgoda i ezbednosti Jugoslover kom veštač	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši Zemun	Mandatory Yes Yes er nauka njih poslova, nauka et	Points 30.0 40.0 Year 2005 1994 1997
Exercis Exercis Lecture Term pr Ord. 1, 2, 3, 4,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S. Svetozar Kos Krsto Lipovad Svetozar Kos Zbornik radov Mirko T. Bojo	mputing and la coacquire know ation obligation ation obligation stic c i dr stić va	s Iboratory p vledge in c s Tehni Saobi Uviđa Brzina Zborn saobr nezgo Izrada saobr	A skica i crtanj a skica i crtanj a skica i crtanj a cajnih nezgo	e course, th auses of acc evaluation (Points 5.00 (20.00 Litera Title sti i kontrole sti i kontrole sti i kontrole sti a 1 n nezgoda i ezbednosti Jugoslover kom veštač na e situacion oda	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja i fotografisanje saobraćaja nsko savetovanje o čenju saobraćajnih nih planova lica mesta	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši Zemun Fakultet tehničkih r Saobraćajni fakulte univerziteta u Beog Viša škola unutraši Beograd	Mandatory Yes Yes er nauka njih poslova, nauka et gradu njih poslova	Points 30.0 40.0 Year 2005 1994 1997 1994
Lecture n order Exercis Lecture Term pr Ord. 1, 2, 3, 4, 5,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S. Svetozar Kos Krsto Lipovad Svetozar Kos Zbornik radov Mirko T. Bojo dr Vladan Va	mputing and la coacquire know ation obligation ation obligation stic ci dr stić ci dr stić va svić ssiljević, Predra	s Tehni Saobi Uviđa Brzina Zborn saobr nezgo Izrada saobr	ka bezbednos raćajna tehnik j saobraćajnih a kao faktor bu ik radova, III- aćajno-tehnik a skica i crtanj aćajnih nezgo inik za vršenje	e course, th auses of acc evaluation (Points 5.00 (20.00 Litera Title sti i kontrole sti i kontrole sti i kontrole sti a 1 n nezgoda i ezbednosti Jugoslover kom veštač na je situacion oda	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja i fotografisanje saobraćaja nsko savetovanje o čenju saobraćajnih	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši Zemun Fakultet tehničkih r Saobraćajni fakulte univerziteta u Beog Viša škola unutraši Beograd Institut za kriminolo	Mandatory Yes Yes er nauka njih poslova, nauka et gradu njih poslova oška i	Points 30.0 40.0 Year 2005 1994 1997 1994
Exercis Exercis Lecture Term po Ord. 1, 2, 3, 4, 5, 6,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S. Svetozar Kos Krsto Lipovac Svetozar Kos Zbornik radov Mirko T. Bojo dr Vladan Va	mputing and la c acquire know ation obligation ation obligation stic c i dr stić c i dr stić va siljević, Predra lado Vodinelić	boratory p /ledge in c s s Tehni Saobi Uviđa Brzina Zborn saobr nezgo Izrada saobr nezgo Izrada saobr	ka bezbednos raćajna tehnik j saobraćajni a kao faktor bu ik radova, III- aćajno-tehnič ja a kica i crtanj aćajnih nezgo inik za vršenje jada na putevir na odgovorno	e course, th auses of acc evaluation (Points 5.00 v 5.00 v 20.00 Litera Title sti i kontrole sti i kontrole sti i kontrole sti i kontrole sti i kontrole sti i scotra na je situacion oda e uviđaja ko na sti i saobra	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja i fotografisanje saobraćaja nsko savetovanje o čenju saobraćajnih nih planova lica mesta od saobraćajnih ćajne nesreće na	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši Zemun Fakultet tehničkih r Saobraćajni fakulte univerziteta u Beog Viša škola unutraši Beograd Institut za kriminolo kriminalistička istra Savremena admini	Mandatory Yes Yes er nauka njih poslova, nauka et gradu njih poslova bška i živanja BG	Points 30.0 40.0 Year 2005 1994 1997 1994 1989 1973
Lecture n order Exercis Lecture Term po Ord. 1, 2, 3, 4, 5, 6, 7,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S. Svetozar Kos Krsto Lipovad Svetozar Kos Zbornik radov Mirko T. Bojo dr Vladan Va Gavrilović, Vl dr Lajčo Klajr	mputing and la c acquire know ation obligation ation obligation stic c i dr stić c i dr stić va siljević, Predra lado Vodinelić	s Tehni Saobr Iboratory p Iedge in c s I Ion Saobr Ion	ka bezbednos raćajna tehnik j saobraćajnih a kao faktor bu ik radova, III- aćajno-tehnič oda na putevir a skica i crtanj aćajnih nezgo inik za vršenje oda na putevir na odgovorno ovima II prera raćajno tehnič	e course, th auses of acc evaluation (Points 5.00 v 5.00 v 20.00 Litera Title sti i kontrole at i kontrole at i kontrole at i kontrole at i si kontrole at i kontrole at i si k	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja i fotografisanje saobraćaja nsko savetovanje o čenju saobraćajnih nih planova lica mesta od saobraćajnih	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši Zemun Fakultet tehničkih r Saobraćajni fakulte univerziteta u Beog Viša škola unutraši Beograd Institut za kriminolo kriminalistička istra	Mandatory Yes Yes er nauka njih poslova, nauka et gradu njih poslova oška i iživanja BG stracija	Points 30.0 40.0 Year 2005 1994 1997 1994 1989 1973 1970
Lecture in order Exercis Lecture Term p Ord. 1, 2, 3, 4, 5, 6, 7, 8,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S. Svetozar Kos Krsto Lipovad Svetozar Kos Zbornik radov Mirko T. Bojo dr Vladan Va Gavrilović, Vl dr Lajčo Klajr Vujanić, dr Sv	mputing and la o acquire know ation obligation ation obligation stic c i dr stić c i dr stić va siljević, Predra lado Vodinelić n Dragač, dr Mila vetozar Kostić /. Dedović, mr	boratory p /ledge in c s s Tehni Saobi Uviđa Brzina Zborn saobr nezgo Izrada saobr nezgo Izrada saobr nezgo Krivič drumo	ka bezbednos raćajna tehnik j saobraćajnih a kao faktor bu ik radova, III- aćajno-tehnič oda na putevir a skica i crtanj aćajnih nezgo pinik za vršenjih na odgovorno povima II prera	e course, th auses of acc evaluation (Points 5.00 v 5.00 v 20.00 Litera Title sti i kontrole at i kontrole at i kontrole at i kontrole at i si kontrole at i kontrole at i si k	ne critical analysis on recidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja i fotografisanje saobraćaja nsko savetovanje o čenju saobraćajnih ih planova lica mesta od saobraćajnih ćajne nesreće na unjeno izdanje	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši Zemun Fakultet tehničkih r Saobraćajni fakulte univerziteta u Beog Viša škola unutraši Beograd Institut za kriminolo kriminalistička istra Savremena admini Beograd Društvo inženjera i	Mandatory Yes Yes er nauka njih poslova, nauka et gradu njih poslova bška i živanja BG stracija tehničara	Points 30.0 40.0 Year 2005 1994 1997 1994 1989 1973 1970
Lecture in order Exercis Lecture Term pr Ord. 1, 2, 3, 4, 5, 6, 7, 8, 9,	es, auditory, cor r for students to Pre-examina e attendance aper A Kostić, S. Svetozar Kos Krsto Lipovac Svetozar Kos Zbornik radov Mirko T. Bojo dr Vladan Va Gavrilović, VI dr Lajčo Klajr Vujanić, dr Sv	mputing and la o acquire know ation obligation ation obligation stic ci dr stić ci dr stić va siljević, Predra lado Vodinelić n Dragač, dr Mila vetozar Kostić /. Dedović, mr enović	iboratory p vledge in c s s Tehni Saobi Uviđa Brzina Zborn saobr nezgo Izrada saobr nezgo Krivič drumo defini Dinan	ka bezbednos raćajna tehnik j saobraćajnih a kao faktor bu ik radova, III- aćajno-tehnič oda na putevir a skica i crtanj aćajnih nezgo inik za vršenje oda na putevir na odgovorno ovima II prera raćajno tehnič cije i merne je nika vozila	e course, th auses of acc evaluation (Points 5.00 (20.00 Litera Title sti i kontrole sti i kontrole sti i kontrole sti i kontrole sti i kontrole sti i storrole sti i saotra deno i dopu sko veštače deno i dopu sko veštače deno i dopu	ne critical analysis on re- cidents. (maximum 100 points) Final e Written part of the exam Oral part of the exam ature e saobraćaja i fotografisanje saobraćaja nsko savetovanje o čenju saobraćajnih nih planova lica mesta od saobraćajnih ćajne nesreće na unjeno izdanje enje "Osnovni pojmovi,	xam - tasks and theory Publish FTN Fakultet tehničkih r Viša škola unutraši Zemun Fakultet tehničkih r Saobraćajni fakulte univerziteta u Beog Viša škola unutraši Beograd Institut za kriminolo kriminalistička istra Savremena admini Beograd Društvo inženjera i Srbije Beograd	Mandatory Yes Yes er nauka njih poslova, nauka et gradu njih poslova oška i iživanja BG stracija tehničara et Beograd	Points 30.0 40.0 Year 2005 1994 1997 1994 1989 1973 1970 1970 1996



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:								
Course	id:	S0432				Traffic Flow Th	eory		
Numbe	er of ECTS:	5							
Teache	ers:		Bogdanov	ić Z. Vuk, Sime	unović M. I	Vilan			
Course	status:		Mandatory	/					
Numbe	er of active teac	hing classe	s (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	asses:
	3	1		1	C)	0		
Precon	dition courses			None		•			
1. Educ	cational goal:								
measur model f charact	rement and ca for dependency teristics. Educa	lculations, y presentat itional obje	regularities ions betwe ctive is also	s and relations en fundamental o to obtain basic	occurring l paramete c knowledg	eristics, basic indicator in a traffic flow and the rs of a traffic flow in dep le necessary for investig- the traffic infrastructure.	procedures for the a endence on technica	nalysis. Cal l and exploit	culating a ation road
2. Educ	cational outcom	nes (acquire	ed knowled	ge):					
exploita traffic fl	ation character low conditions.	istics, i.e. o Application	efining spender	ecificities of a tr quired knowledg	affic flow a le in the tra	s, intersections and road and determining characte affic flow theory is other a n the road and street net	eristic parameters ne areas dealing with the	cessary for e	evaluating
3. Cour	rse content/stru	icture:							
condition traffic fl flow, m 4. Teac Lecture	ons of a traffic low, empirical lovement of an ching methods: es, auditory an	regime, co models of i organized d computin	ntent and nterdepend group of v	structure of a tr dency of the ba ehicles.	affic flow, sic parame	aracteristics of a traffic non-uniform vehicle flow eters in a traffic flow, ma	v, relations between thematical models fo	basic param or describing	eters in a the traffic
oompa.				, ,	<u> </u>	(maximum 100 points)			
	Pre-examina	tion obligat	tions	Mandatory	Points	Final e	xam	Mandatory	Points
Exercis	e attendance			Yes	5.00	Theoretical part of the ex	am	Yes	40.00
Lecture	e attendance			Yes		Practical part of the exar	n - tasks	Yes	30.00
Term p	aper			Yes	20.00				
	r				Litera	ature	1		
Ord.					Title		Publishe	er	Year
1,	Ljubiša Kuzo Bogdanović			orija saobraćajno	og toka		Fakultet tehničkih n	auka	2004
2,	Transportatic Board	on Researc	Hig	hway Capacity			National Research Washington , D.C.	Council,	2000
3,	Vladan Tubić	;		rka rešenih zada mskih saobraća		paciteta i nivoa usluge	Saobraćajni fakulte	t, Beograd	2000
4,	Highway rese "Special Rep		4	hway capacity r		55	Division of Eng. and Research NAS-NR	С	1965
5,	Donald R. Dr	ew	Tra	ffic flow theory a	and contro	I	McGraw-Hill book of New York, St. Louis Francisco,		1968
6,	Ljubiša Kuzo	vić				kih saobraćajnica	Saobraćajni fakulte	t, Beograd	2000
7,						nosti izdvajanja Iskih arterija izgradnjom	Saobraćajni fakultet, Beograd		1997
8,	Ljubiša Kuzo Topolnik	vić, Dražen		pacitet drumskih	saobraća	inica	Građevinska knjiga, Beograd		1989
	Ljubiša Kuzo			pacitet i nivo usl			Gradevinska knjiga, Beograd Saobraćajni fakultet, Beograd		



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:											
Course	id:	S0221				Company Logi	stics				
Number	of ECTS:	5									
Teache	r:		Nikoličić S	S. Svetlana							
Course	status:		Mandatory	y							
Number	of active teac	hing classe	s (weekly)								
L	ectures:	Practical	al classes: Other teaching types: Study research work: Other classes:								
3 1 0 0 1											
Precondition courses None											
1. Educ	ational goal:			-							
						oort enterprises, as well a in time and space.	s different logistics s	trategies and	concepts		
2. Educ	ational outcom	nes (acquire	d knowled	ge):							
structur logistics solutior	e of logistics processes; e	system and stimate bas processes	d processe ics perforn s realizatio	es in enterprise nances of logisti	accordin	I define the role and pla g to material goods requises and systems; to carr oach to organizing, mar	uirements; identify, yout critical analysis	describe and of different a	quantifie Iternative		
Enterpri Product	ion logistics. E	oals and ass Distribution	logistics. R			em. Logistics strategy and ion flows in logistics syst					
Lecture		consultation				ed tour companies with p olloquium 2) or intire exa		rocesses and	seminar		
				Knowledge e	evaluation	(maximum 100 points)					
	Pre-examina	ation obligat	ions	Mandatory	Points	Final e	xam	Mandatory	Points		
	e attendance			Yes		Final exam - part one		No	0.00		
	attendance			Yes		Final exam - part two		No	0.00		
Term pa	aper			Yes		Written part of the exam	- tasks and theory	Yes	70.00		
					Liter	ature					
Ord.		withor			Title	9	Publish	er	Year		
David J. Bloomberg, Stephen Logistika Pearson Education Inc Zagreb 2006							2006				
2,	Dr Vladeta G	,	Log	gistika preduzeća	a, skripte	sa predavanja	FTN		2002		
3,	Milosav Geo	rgijević		nnička logistika			Zadužbina Andreje		2011		
4,	Milorad Kiliba Zečević	arda, Slobo	dan Upr	ravljanje kvalitet	om u logis	tici	Univerzitet u Beog Saobraćajni fakulte		2008		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:			_			– .		
Course	id:	S0328		C	Organiz	zation of Railwa	y Transport		
Numbe	r of ECTS:	5							
Teache	er:	Ste	jić S. Gor	dan					
Course	status:	Ele	ective						
Numbe	r of active tead	hing classes (veekly)						
L	ectures:	Practical cla	sses:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3	2		0		0		0	
Precon	dition courses		-			-	-		
1. Educ	cational goal:								
Introduo	cing of technic	al means, mod	es and me	ethods of pass	senger an	d freight traffic organizatio	on by railways.		
2. Educ	cational outcom	nes (acquired k	nowledge):					
		ith necessary s er and freight tr			r and reco	ording of all necessary ac	tivities for organizing	modern, fast,	effective
3. Cour	rse content/stru	ucture:							
						narket. Railway stations a			
operati organis transpo freight 4. Teac	ing characteris ation. Railway ort-RID. Indivic transport and ching methods:	stics of railwa / tariffs. Indica lual consignm commercial o	y wagons ors of rail ent transp	. Use of pas way transpor ort. Modern t	senger and t operation rends of i	narket. Railway stations a nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system.	senger traffic organi is. Block train transp	sation. Freig ort. Dangero	ht traffi us good
operati organis transpo freight 4. Teac	ing characteris sation. Railway ort-RID. Individ transport and	stics of railwa / tariffs. Indica lual consignm commercial o	y wagons ors of rail ent transp	. Use of pas way transpor ort. Modern t	senger and t operation rends of i	nd freight wagons. Pass n. Loading freight wagor railway transport. Service	senger traffic organi is. Block train transp	sation. Freig ort. Dangero	ht traffi us good
operati organis transpo freight 4. Teac	ing characteris ation. Railway ort-RID. Indivic transport and ching methods:	stics of railwa / tariffs. Indica lual consignm commercial o	y wagons ors of rail ent transp	. Use of pas way transpor ort. Modern t European frei	senger at t operatio rrends of r ght traffic	nd freight wagons. Pass n. Loading freight wagor railway transport. Service	senger traffic organi is. Block train transp	sation. Freig ort. Dangero	ht traffi us good
operati organis transpo freight 4. Teac Lecture	ng characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina	stics of railwa / tariffs. Indica lual consignm commercial o	y wagons ors of rail ent transp peration. E	. Use of pas way transpor ort. Modern t European frei	senger at t operatio rrends of r ght traffic	nd freight wagons. Pase n. Loading freight wagor railway transport. Service information system.	senger traffic organi is. Block train transp e quality in railway tr	sation. Freig ort. Dangero	ht traffi us good keting c
operati organis transpc freight 4. Teac Lecture Exercis	ing characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina e attendance	stics of railwa v tariffs. Indica dual consignm commercial of consultations	y wagons ors of rail ent transp peration. E	. Use of pas way transpor ort. Modern t European frei Knowledge e Mandatory Yes	senger a t operatio rends of r ght traffic evaluation Points 5.00	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ex Written part of the exam	senger traffic organi ns. Block train transp e quality in railway tr	sation. Freig ort. Dangero ansport. Mar Mandatory Yes	pht traffi us good keting c Points 40.0
operati organis transpc freight 4. Teac Lecture Exercis Lecture	ing characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina e attendance e attendance	stics of railwa v tariffs. Indica dual consignm commercial of consultations	y wagons ors of rail ent transp peration. E	. Use of pas way transpor ort. Modern t European frei Mandatory Yes Yes	senger a t operatio rends of r ght traffic evaluation Points 5.00 5.00	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ez	senger traffic organi ns. Block train transp e quality in railway tr	sation. Freig ort. Dangero ansport. Mar Mandatory	pht traffi us good keting c Points 40.0
operati organis transpc freight 4. Teac Lecture Exercis Lecture	ing characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina e attendance e attendance	stics of railwa v tariffs. Indica dual consignm commercial of consultations	y wagons ors of rail ent transp peration. E	. Use of pas way transpor ort. Modern t European frei Knowledge e Mandatory Yes	senger a t operatio rends of r ght traffic evaluation Points 5.00 5.00 20.00	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ex Written part of the exam Oral part of the exam	senger traffic organi ns. Block train transp e quality in railway tr	sation. Freig ort. Dangero ansport. Mar Mandatory Yes	pht traffi us good keting c Points 40.0
operati organis transpc freight 4. Teac Lecture Exercis Lecture	ing characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina e attendance aper	stics of railwa v tariffs. Indica dual consignm commercial of consultations	y wagons ors of rail ent transp peration. E	. Use of pas way transpor ort. Modern t European frei Mandatory Yes Yes	senger a t operatio rends of r ght traffic evaluation Points 5.00 5.00 20.00	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	senger traffic organi ns. Block train transp e quality in railway tr	sation. Freig ort. Dangerou ransport. Mar Mandatory Yes Yes	Points 40.0 30.0
operati organis transpo freight 4. Teac Lecture Exercis Lecture Term p	ing characteris sation. Railway ort-RID. Indivic transport and thing methods: es, exercises, c Pre-examina e attendance aper A	stics of railwa v tariffs. Indica dual consignm commercial of consultations ation obligation	y wagons ors of rail ent transp peration. E	. Use of pas way transpor ort. Modern t European frei Mandatory Yes Yes	senger a t operatio rends of r ght traffic evaluation Points 5.00 5.00 20.00 Liter Title	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	senger traffic organi is. Block train transp e quality in railway tr kam - tasks and theory Publishe Univerzitet u Beogra	sation. Freig ort. Dangerou ansport. Mar Mandatory Yes Yes Yes	Points 40.0 30.0
operati organis transpo freight 4. Teac Lecture Exercis Lecture Term p Ord.	ing characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina e attendance a ettendance aper A Mirko Čičak,	stics of railwa v tariffs. Indica dual consignm commercial op consultations ation obligation Author	y wagons ors of rail ent transp peration. E	. Use of pas way transpor ort. Modern t European frei Mandatory Yes Yes Yes izacija železr	senger a t operatio rends of r ght traffic evaluation Points 5.00 5.00 20.00 Liter Title	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	senger traffic organi is. Block train transp e quality in railway tr kam - tasks and theory Publishe Univerzitet u Beogra Saobraćajni fakultet	sation. Freig ort. Dangerou ansport. Mar Mandatory Yes Yes Yes er adu, t adu,	Points 40.0 30.0 Year
operati organis transpo freight 4. Teac Lecture Exercis Lecture Term po Ord. 1,	ing characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina e attendance a ettendance aper A Mirko Čičak,	stics of railwa v tariffs. Indica Jual consignm commercial op consultations ation obligation Author Slavko Veskov	y wagons ors of rail ent transp peration. E s s rić Organ zadata	. Use of pas way transpor ort. Modern t European frei Mandatory Yes Yes Yes izacija železr	senger a t operatio rends of r ght traffic evaluation Points 5.00 5.00 20.00 Liter Title ničkog sao	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature bbraćaja II bbraćaja II, zbirka rešenih	senger traffic organi is. Block train transp e quality in railway tr automatic sector of the sector kam - tasks and theory - tasks and theory - tasks and theory - Univerzitet u Beogra Saobraćajni fakultet Univerzitet u Beogra	sation. Freig ort. Dangerou ansport. Mar Mandatory Yes Yes Yes	Points 40.0 30.0 Year 2005
operati organis transpo freight 4. Teac Lecture Exercis Lecture Term po Ord. 1, 2,	ing characteris sation. Railway ort-RID. Indivic transport and ching methods: es, exercises, c Pre-examina e attendance attendance aper Mirko Čičak, Mirko Čičak,	stics of railwa / tariffs. Indica Jual consignm commercial op consultations ation obligation Author Slavko Veskov Slavko Veskov	y wagons ors of rail ent transp peration. E s rić Organ rić Organ zadata Model	. Use of pas way transpor ort. Modern t European frei Mandatory Yes Yes Yes izacija železr aka	senger a t operatio rends of r ght traffic evaluation Points 5.00 5.00 20.00 Liter Title ničkog sao	nd freight wagons. Pass n. Loading freight wagor railway transport. Service information system. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature bbraćaja II bbraćaja II, zbirka rešenih	senger traffic organi is. Block train transp e quality in railway tr e quality in railway tr additional transp e quality in railway tr e quality in railway tr e quality in railway tr pediate sabracajni fakulted Univerzitet u Beogra Saobracajni fakulted Univerzitet u Beogra	sation. Freig ort. Dangerou ansport. Mar Mandatory Yes Yes Yes	Points Points 40.0 30.0 Year 2005 1999



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:									
Course	id:	S0I361				Road Vehicle	es		
Number	of ECTS:	6	1						
Teacher	:		Časnji F. F	erenc					
Course	status:		Elective						
Number	of active teac	hing classe	es (weekly)						
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	3		1	1		0		1	
Precond	lition courses	-		None			-		
1. Educa	ational goal:								
Acquisit	ion of basic kn	nowledge a	bout vehicle	es' design featu	res and th	eir impact on exploitation	and motion on the ha	ard surfaces	
2. Educa	ational outcom	nes (acquir	ed knowled	ge):					
				ained knowled vith professiona		kills from the field of the	road vehicles, as we	ell as to perc	ieve their
3. Cours	se content/stru	icture:							
different Mechan forces a aerodyr	tial gear, axle ics of wheel v and slip angle namic drag, p	e shafts), t with tire: ba , aquaplar oowertrain	ransfer gea asic concep ning, stiffne characteris	arbox, carrying its, rolling resis ss characteris stics impact or	frame, til stance, lor tics. Trac n vehicle	s of vehicles: main clutcl res, wheel suspension, a ngitudinal slip, adhesion tive performance charact tractive performance ch er and understeer	steering system, bra for driving and brakin teristics of vehicles:	ike system a ng wheel, loi equations o	and body. ngitudinal of motion,
4. Teach	ning methods:								
Lectures	s, laboratory p	ractice, coi	mputing pra	ctice, consultati	ons.				
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final ex	kam	Mandatory	Points
	e attendance			Yes		Written part of the exam	- tasks and theory	Yes	70.00
	attendance			Yes	5.00				
Term pa	iper			Yes	20.00				
						ature			
Ord.		uthor			Title		Publishe		Year
1,	Janković D. Milidrag S., F	Popović 7		orna vozila - teo		strukcija	Mašinski fakultet, B	eograd	1993
2,	Muždeka S.	· [· · •·,	Diu	mska motorna v			FTN Novi Sad		2002
3,	Klinar I:		Teh	nička eksploata	acija mašir	าล	FTN Novi Sad		2006



Г

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:								
Course	id:	S0I5N2		Urban-	Subur	ban Rail Transp	ort of Passer	ngers	
Number	r of ECTS:	5							
Teache	ers:	5	Stojić S. Go	ordan, Tepić Đ	Jovan				
Course	status:	E	Elective						
Number	r of active tead	ching classes	(weekly)						
L	ectures:	Practical c	lasses:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	2		0		0		0	
Precon	dition courses	-	-			·			
1. Educ	cational goal:								
Introduc	cing of technic	al means, mo	odes and m	nethods of pas	senger an	d urban-suburban railway	traffic organization.		
2. Educ	cational outcon	nes (acquired	l knowledg	e):					
	ing students w ional passenge				er and reco	ording of all necessary act	tivities for organizing	modern, fast,	effective
Factors	ger traffic. Re	e the traffic v gulating of ur	ban-subur	ban traffic volu	ume. Estal	ns. General characteristi blish motor units turn ove	r. Establish passeng	er wagons fle	et. Basic
Factors passen indicato stations weight a passen	s that influence oger traffic. Re- ors in passeng s. Definition of and average to oger stations. C	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech	ban-subur e of train d rs for urba d of subur nnology of	ban traffic volu lelay in station: In-suburban ro ban trains. Tim multiple units a	ume. Estal s. Estimation outes (relane table ca and wagor	blish motor units turn ove ion for necessary number tions, lines). Train tractior apacity for urban and subu ns in passenger technical	r. Establish passeng of trains. Changing n in urban-suburban urban trains. Basic te stations. Operation t	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s	et. Basic an routes ization of rations in suburban
Factors passen indicato stations weight a passen trains. L	s that influence ger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy	ban-subur e of train d rs for urba d of subur nnology of	ban traffic volu lelay in station: In-suburban ro ban trains. Tim multiple units a	ume. Estal s. Estimation outes (relane table ca and wagor	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu	r. Establish passeng of trains. Changing n in urban-suburban urban trains. Basic te stations. Operation t	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s	et. Basic an routes ization of rations in suburban
Factors passen indicato stations weight a passen trains. L 4. Teac	s that influence ger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy	ban-subur e of train d ers for urba ed of subur nology of stems. Inte	ban traffic volu lelay in station: n-suburban ro ban trains. Tin multiple units a egrated passer	ume. Estal s. Estimat outes (rela ne table ca and wagor nger traffic	blish motor units turn ove ion for necessary number tions, lines). Train tractior apacity for urban and subu ns in passenger technical	r. Establish passeng of trains. Changing n in urban-suburban ırban trains. Basic te stations. Operation t ike and ride, Kiss an	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo	et. Basic an routes ization of rations in suburban
Factors passen indicato stations weight a passen trains. L 4. Teac	s that influence ger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy	ban-subur e of train d ers for urba ed of subur nology of stems. Inte	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi	ume. Estal s. Estimat utes (rela he table ca and wagor nger traffic zations cit	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subuns in passenger technical system. Park and ride, B cysuburban railway traffic	r. Establish passeng of trains. Changing n in urban-suburban ırban trains. Basic te stations. Operation t ike and ride, Kiss an	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo	et. Basic an routes ization of rations in suburban
Factors passen indicato stations weight a passen trains. L 4. Teac	s that influence iger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba ching methods: es, exercises, c	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy	ban-subur e of train d rrs for urba ed of subur nnology of rstems. Inte Making pr	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi	ume. Estal s. Estimat utes (rela he table ca and wagor nger traffic zations cit	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu is in passenger technical s system. Park and ride, B	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo	et. Basic an routes ization of rations in suburban
Factors passen indicato stations weight a passen trains. L 4. Teac Lecture	s that influence iger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba ching methods: es, exercises, c	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy consultations.	ban-subur e of train d rrs for urba ed of subur nnology of rstems. Inte Making pr	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi	ume. Estal s. Estimat utes (rela he table ca and wagor nger traffic zations cit evaluation Points	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu- is in passenger technical e system. Park and ride, B y-suburban railway traffic (maximum 100 points)	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo	et. Basic an routes ization of rations ir suburbar gy. Points
Factors passen indicato stations weight a passen trains. L 4. Teac Lecture Exercis	s that influence iger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba ching methods: es, exercises, c Pre-examina	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy consultations.	ban-subur e of train d rrs for urba ed of subur nnology of rstems. Inte Making pr	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi Knowledge of Mandatory	ume. Estal s. Estimat outes (rela ne table ca and wagor nger traffic zations cit evaluation Points 5.00 5.00	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu- is in passenger technical e system. Park and ride, B cy-suburban railway traffic (maximum 100 points) Final ex	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo le.	et. Basic an routes ization o rations ir suburbar gy. Points 40.00
Factors passen indicato stations weight a passen trains. L 4. Teac Lecture Exercis	s that influence iger traffic. Re- ors in passeng s. Definition of and average te ger stations. C Urban-suburba ching methods: es, exercises, c Pre-examina- e attendance attendance	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy consultations.	ban-subur e of train d rrs for urba ed of subur nnology of rstems. Inte Making pr	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi Knowledge o Mandatory Yes	ume. Estal s. Estimati- utes (rela- ne table ca and wagor nger traffic zations cit evaluation Points 5.00 5.00 20.00	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu- is in passenger technical system. Park and ride, B cy-suburban railway traffic (maximum 100 points) Final ex Written part of the exam Oral part of the exam	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp	er wagons fle urban-suburba traffic. Optimi chnology opel echnology in s d ride tehnolo le.	et. Basic an routes ization o rations ir suburbar gy. Points 40.00
Factors passen indicato stations weight a passen trains. L 4. Teac Lecture Exercise Lecture Term pa	s that influence iger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba ching methods: es, exercises, c Pre-examina- e attendance aper	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy consultations.	ban-subur e of train d rrs for urba ed of subur nnology of rstems. Inte Making pr	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi Knowledge of Mandatory Yes Yes	ume. Estal s. Estimati- utes (rela- he table ca and wagor rager traffic zations cit evaluation Points 5.00 5.00 20.00 Liter	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu- is in passenger technical e system. Park and ride, B cy-suburban railway traffic (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp an cam - tasks and theory	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo le. Mandatory Yes Yes	et. Basic an routes ization oi rations ir suburbar gy. Points 40.00 30.00
Factors passen indicato stations weight a passen trains. U 4. Teac Lecture Exercise Lecture	s that influence iger traffic. Re- ors in passeng s. Definition of and average to ger stations. C Urban-suburba ching methods: es, exercises, c Pre-examina- e attendance aper	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy consultations.	ban-subur e of train d rrs for urba ed of subur nnology of rstems. Inte Making pr	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi Knowledge of Mandatory Yes Yes	ume. Estal s. Estimati- utes (rela- ne table ca and wagor nger traffic zations cit evaluation Points 5.00 5.00 20.00	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu- is in passenger technical e system. Park and ride, B cy-suburban railway traffic (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp an - tasks and theory Publishe	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo le. Mandatory Yes Yes Yes	et. Basic an routes ization of rations in suburban gy. Points 40.00
Factors passen indicato stations weight a passen trains. L 4. Teac Lecture Exercise Lecture Term pa	s that influence ger traffic. Re ors in passeng s. Definition of and average te ger stations. C Urban-suburba ching methods es, exercises, c Pre-examina e attendance aper	e the traffic v gulating of ur er traffic. Tim zone numbe echnical spee Operation tech an tracking sy consultations.	ban-subur e of train d rs for urba ed of subur nnology of rstems. Inte Making pr ons	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi Knowledge of Mandatory Yes Yes Yes anizacija železo	ume. Estal s. Estimati- utes (rela- ne table ca and wagor zations cit evaluation Points 5.00 20.00 Liter Title	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu- is in passenger technical c system. Park and ride, B cy-suburban railway traffic (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp on a specific examp cam - tasks and theory Publishe Univerzitet u Beogr Saobraćajni fakulte	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo le. Mandatory Yes Yes Yes er adu, t	et. Basic an routes ization of rations in suburban gy. Points 40.00 30.00
Factors passen indicato stations weight a passen trains. U 4. Teac Lecture Exercise Lecture Term pa Ord.	s that influence iger traffic. Re- pors in passeng s. Definition of and average te ger stations. C Urban-suburba shing methods: es, exercises, c Pre-examina- e attendance attendance aper	e the traffic v gulating of ur er traffic. Tim i zone numbe echnical spee Operation tech an tracking sy consultations.	ban-subur e of train d rs for urba ed of subur nnology of rstems. Inte Making pr ons ović Orga	ban traffic volu lelay in station: n-suburban ro ban trains. Tim multiple units a egrated passer oject of organi Knowledge of Mandatory Yes Yes Yes anizacija železi	ume. Estal s. Estimati- utes (rela- ne table ca and wagor zations cit evaluation Points 5.00 20.00 Liter Title	blish motor units turn ove ion for necessary number tions, lines). Train traction apacity for urban and subu- is in passenger technical system. Park and ride, B cy-suburban railway traffic (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	r. Establish passeng of trains. Changing in in urban-suburban irban trains. Basic te stations. Operation t ike and ride, Kiss an on a specific examp an - tasks and theory Publishe Univerzitet u Beogr	er wagons fle urban-suburba traffic. Optimi chnology oper echnology in s d ride tehnolo le. Mandatory Yes Yes Yes er adu, t t	et. Basic an routes ization of rations in suburban gy. Points 40.00 30.00 Year



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:				-				
Course	id:	S017Ž			١٥١	wing vehicles ar	nd trains		
Number	r of ECTS:	5							
Teache	er:	· ·	Tepić Đ. Jov	/an					
Course	status:	1	Elective						
Number	r of active teac	hing classes	s (weekly)						
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3	2		0		0		0	
Precon	dition courses			None					
1. Educ	ational goal:								
	ice students t teristics, and					and towing, analyze th g stock.	eir impact on the b	alance of th	e outpu
2. Educ	ational outcom	es (acquired	d knowledge	e):					
Underst technic:	tanding the imp al availability o	pact of techi f technology	nical param / park railwa	eters of rolling ay vehicle trac	stock an	d traction in terms of app	lied technology and o	choices of sor	me of the
3. Cour	se content/stru	cture:							
electrica	al power vehic	loc Turbom				g of rail vehicles. Steam			
towed v hauling and cor motion	equipment, au rrosion protecti of the train. P	el engine ar itomatic clut ion. Railway ulling force,	nd power tra ch. Brakes r cars for hig resistance	ansmission. B ail vehicles. R gh speed. Mai force, braking	lev. Rail d ogie, clas Railway eq intenance g force, al	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad	d passenger cars). E vstem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me	lements of to ls, box cars, inditioning, cor ifferential equ	wing and repulsive mposition nations o
towed v hauling and cor motion Energy	equipment, au rrosion protecti of the train. P consumption	el engine ar itomatic clut ion. Railway ulling force,	nd power tra ch. Brakes r cars for hig resistance	ansmission. B ail vehicles. R gh speed. Mai force, braking	lev. Rail d ogie, clas Railway eq intenance g force, al	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti	d passenger cars). E vstem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me	lements of to ls, box cars, inditioning, cor ifferential equ	wing and repulsive mpositior lations o
towed whauling and cor motion Energy 4. Teac	equipment, au rrosion protecti of the train. P consumption ching methods:	el engine ar itomatic clut ion. Railway ulling force, for traction.	nd power tra ch. Brakes r cars for hig resistance Towing hig	ansmission. B ail vehicles. R gh speed. Mai force, brakinç h speed train	lev. Rail d ogie, clas Railway eq intenance g force, an s. Reliabi	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway	d passenger cars). E vstem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me	lements of to ls, box cars, inditioning, cor ifferential equ	wing and repulsive mpositior lations o
towed whauling and cor motion Energy 4. Teac	equipment, au rrosion protecti of the train. P consumption ching methods:	el engine ar itomatic clut ion. Railway ulling force, for traction.	nd power tra ch. Brakes r cars for hig resistance Towing hig	ansmission. B ail vehicles. R gh speed. Mai force, brakinç h speed train	lev. Rail d ogie, clas Railway eq intenance g force, an s. Reliabi	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad	d passenger cars). E vstem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me	lements of to ls, box cars, inditioning, cor ifferential equ	wing and repulsive mpositior lations o
towed whauling and cor motion Energy 4. Teac	equipment, au rrosion protecti of the train. P consumption ching methods:	el engine ar itomatic clut ion. Railway ulling force, for traction.	nd power tra ch. Brakes r cars for hig resistance Towing hig	ansmission. B rail vehicles. R gh speed. Mai force, braking h speed train ercises. Consu	lev. Rail d ogie, clas Railway eq intenance g force, a s. Reliabi ultation on	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway	d passenger cars). E vstem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me	lements of to ls, box cars, inditioning, cor ifferential equ	wing and repulsive mpositior lations o
towed whauling and cor motion Energy 4. Teac	equipment, au rrosion protecti of the train. P consumption ching methods:	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la	nd power tra ch. Brakes r cars for hig resistance Towing hig boratory exe	ansmission. B rail vehicles. R gh speed. Mai force, braking h speed train ercises. Consu	ev. Rail d ogie, clas ailway eq intenance g force, a s. Reliabi ultation on evaluation Points	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex	d passenger cars). E /stem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me / vehicles.	lements of to ls, box cars, inditioning, cor ifferential equ	wing and repulsive mposition ations o n budget
towed v hauling and cor motion Energy 4. Teac Lecture Exercise	equipment, au rrosion protecti of the train. P consumption ching methods: es, practical, gra Pre-examina e attendance	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la	nd power tra ch. Brakes r cars for hig resistance Towing hig boratory exe	ansmission. B rail vehicles. R gh speed. Mai force, braking h speed train ercises. Consu	lev. Rail d ogie, clas ailway eq intenance g force, ai s. Reliabi ultation on evaluation Points 5.00	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex Written part of the exam	d passenger cars). E /stem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me / vehicles.	lements of to s, box cars, h ditioning, cor ifferential equ thods traction Mandatory Yes	wing and repulsive npositior lations o n budget
towed v hauling and cor motion Energy 4. Teac Lecture Exercise Lecture	equipment, au rrosion protecti of the train. P consumption ching methods: es, practical, gra Pre-examina e attendance attendance	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la	nd power tra ch. Brakes r cars for hig resistance Towing hig boratory exe	ansmission. B rail vehicles. F gh speed. Mai force, braking h speed train ercises. Consu Knowledge e Mandatory Yes Yes	lev. Rail d ogie, clas ailway eq intenance g force, al s. Reliabi ultation on evaluation Points 5.00 5.00	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex	d passenger cars). E /stem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me / vehicles.	lements of to s, box cars, h ditioning, cor ifferential equ thods traction Mandatory	wing and repulsive mpositior lations o n budget Points 40.00
towed v hauling and cor motion Energy 4. Teac Lecture Exercise Lecture	equipment, au rrosion protecti of the train. P consumption ching methods: es, practical, gra Pre-examina e attendance attendance	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la	nd power tra ch. Brakes r cars for hig resistance Towing hig boratory exe	ansmission. B rail vehicles. F gh speed. Mai force, braking h speed train ercises. Consu Knowledge e Mandatory Yes	ev. Rail d ogie, clas ailway eq intenance g force, ai s. Reliabi ultation on evaluation Points 5.00 5.00 20.00	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam	d passenger cars). E /stem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me / vehicles.	lements of to s, box cars, h ditioning, cor ifferential equ thods traction Mandatory Yes	wing and repulsive mpositior lations o n budget Points 40.00
towed v hauling and cor motion Energy 4. Teac Lecture Exercise Lecture Term pa	equipment, au rrosion protecti of the train. P consumption ching methods: es, practical, gra Pre-examina e attendance attendance aper	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la ition obligatio	nd power tra ch. Brakes r cars for hig resistance Towing hig boratory exe	ansmission. B rail vehicles. F gh speed. Mai force, braking h speed train ercises. Consu Knowledge e Mandatory Yes Yes	ev. Rail d ogie, clas ailway eq intenance g force, ai s. Reliabi ultation on evaluation Points 5.00 5.00 20.00 Liter	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	d passenger cars). E /stem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me / vehicles.	lements of to s, box cars, h ditioning, cor ifferential equ thods traction Mandatory Yes Yes	wing and repulsive mpositions o n budget Points 40.00 30.00
towed v hauling and cor motion Energy 4. Teac Lecture Exercise Lecture Term pa Ord.	equipment, au rrosion protecti of the train. Pro- consumption ching methods: es, practical, gra Pre-examina e attendance attendance aper A	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la	nd power tra ch. Brakes i r cars for hig resistance Towing hig boratory exe ons	Ansmission. B rail vehicles. F gh speed. Mai force, braking h speed train ercises. Consu Knowledge e Mandatory Yes Yes Yes	ev. Rail d ogie, clas ailway eq intenance g force, ai s. Reliabi ultation on evaluation Points 5.00 5.00 20.00	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	d passenger cars). E /stem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me / vehicles.	Iements of to s, box cars, I nditioning, cor ifferential equ thods traction Mandatory Yes Yes	wing and repulsive mpositior lations o n budget Points 40.00 30.00 Year
towed v hauling and cor motion Energy 4. Teac Lecture Exercise Lecture Term pa Ord. 1,	equipment, au rrosion protecti of the train. Pro- consumption thing methods: es, practical, gra Pre-examina e attendance aper A Tepić, J.	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la ition obligatio	nd power tra ch. Brakes i v cars for hig resistance Towing hig boratory exe ons	ansmission. B rail vehicles. F gh speed. Mai force, braking h speed train ercises. Consu Knowledge e Mandatory Yes Yes Yes a vozila	ev. Rail d ogie, clas ailway eq intenance g force, ai s. Reliabi ultation on evaluation Points 5.00 5.00 20.00 Liter	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	d passenger cars). E vstem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me v vehicles.	lements of to is, box cars, in aditioning, cor ifferential equithods traction Mandatory Yes Yes Yes	wing and repulsive mposition ations on h budget Points 40.00 30.00 Year 2007
towed v hauling and cor motion Energy 4. Teac Lecture Exercise Lecture Term pa Ord.	equipment, au rrosion protecti of the train. Pro- consumption ching methods: es, practical, gra Pre-examina e attendance attendance aper A	el engine ar itomatic clut ion. Railway ulling force, for traction. aphic and la ition obligatio	nd power tra ch. Brakes i v cars for hig resistance Towing hig boratory exe ons	ansmission. B rail vehicles. F gh speed. Mai force, braking h speed train ercises. Consu Knowledge e Mandatory Yes Yes Yes a vozila vozova	ev. Rail d ogie, Clas Railway eq intenance g force, a s. Reliabi ultation on evaluation Points 5.00 20.00 Liter Title	rawn vehicles (freight and sification, suspension sy uipment and electrical cir of rolling stock. Theoreti nd a diagram of train trad lity and testing of railway design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam ature	d passenger cars). E /stem, school record cuits, heating, air cor cal basis of trains, di ction calculation. Me / vehicles.	lements of to s, box cars, i inditioning, cor ifferential equ thods traction Mandatory Yes Yes Yes er ovi Sad ovi Sad	wing and repulsive mpositior lations o n budget Points 40.00 30.00



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

Traffic and Transport Engineering

	:								
Course	id:	S0I5N3	ן ר	Maintena	nce ar	nd availability of	f means of tra	ansport	
Numbe	r of ECTS:	6							
Teache	r:		Tepić Đ. Jov	/an					
Course	status:		Elective						
Numbe	r of active tead	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3		1	1	0 71	0		1	
Precon	dition courses			None					
1 Educ	ational goal:								
	Ū	نام مرام مرام		a sectoral to also		hada of annonination and	maintenance of the s		
Gaining	knowledge of	the planni	ng, execution	, control, techi	nique, met	hods of organization and	maintenance of the v	enicies.	
2. Educ	ational outcom	nes (acquir	ed knowledge	e):					
	g and impleme					of maintaining the vehic nd quality of maintenance			
	se content/stru	icture:							
J. COUI		iciuie.							
	on of terms us	ed in the n	naintenance a	and operation	of the veh	nicle. Significance and m	aintenance functions	Theoretical	basis fo
Definition mainter Mainter Mainter	nance. Norms nance technol nance (TPM) f	and stand ogy. Tero or mainten	dards of main technology. ance. Mainte	ntenance. Ty Planned mair nance costs. I	pes of ma ntenance. Functional	nicle. Significance and m aintenance. Types of fai Maintenance methods. lity, technology, maintenar ation systems maintenar	lures. Temporal asp Applying the concep ance of exploitability.	ects of main ot of Total Pr	ntenanco roductio
Definition mainten Mainten Mainten and abi	nance. Norms nance technol nance (TPM) f lity to maintair	and stand ogy. Tero or mainten n effectiver	dards of main technology. ance. Mainte	ntenance. Ty Planned mair nance costs. I	pes of ma ntenance. Functional	aintenance. Types of fai Maintenance methods.	lures. Temporal asp Applying the concep ance of exploitability.	ects of main ot of Total Pr	ntenanco roductio
Definition mainter Mainter And abi	nance. Norms nance technol nance (TPM) f lity to maintair hing methods:	and stand ogy. Tero or mainten n effectiver	dards of main otechnology. ance. Mainten ness. Mainten	ntenance. Ty Planned mair nance costs. I aance strategie	pes of ma htenance. Functional es. Informa	aintenance. Types of fai Maintenance methods. lity, technology, maintena ation systems maintenar	lures. Temporal asp Applying the concep ance of exploitability.	ects of main ot of Total Pr	ntenance roductio
Definition mainter Mainter And abi	nance. Norms nance technol nance (TPM) f lity to maintair hing methods:	and stand ogy. Tero or mainten n effectiver	dards of main otechnology. ance. Mainten ness. Mainten	ntenance. Ty Planned mair nance costs. I aance strategie	pes of ma htenance. Functional es. Informa	aintenance. Types of fai Maintenance methods. lity, technology, maintena	lures. Temporal asp Applying the concep ance of exploitability.	ects of main ot of Total Pr	ntenance roductio
Definition mainter Mainter and abi 4. Teac	nance. Norms nance technol nance (TPM) f lity to maintair hing methods:	and stand ogy. Tero or mainten n effectiver	dards of main otechnology. ance. Mainten ness. Mainten	ntenance. Ty Planned mair nance costs. I ance strategio rcises. Consul	pes of ma ntenance. Functional es. Informa tation on c	aintenance. Types of fai Maintenance methods. lity, technology, maintena ation systems maintenar	lures. Temporal asp Applying the concep ance of exploitability.	ects of main ot of Total Pr	ntenanco roductio
Definition mainter Mainter And abi	nance. Norms nance technol nance (TPM) f lity to maintair hing methods:	and stand ogy. Tero or mainten effectiver	dards of main technology. ance. Mainten tess. Mainten aboratory exer	ntenance. Ty Planned mair nance costs. I ance strategio rcises. Consul	pes of ma ntenance. Functional es. Informa tation on c	aintenance. Types of fai Maintenance methods. lity, technology, maintenar ation systems maintenar design seminar.	lures. Temporal asp Applying the concep ance of exploitability. Ice.	ects of main ot of Total Pr	ntenanco roductio reliabilit
Definition mainten Mainter Mainter and abi 4. Teac lectures	nance. Norms nance technol nance (TPM) f lity to maintair hing methods: s, practical, gra	and stand ogy. Tero or mainten effectiver	dards of main technology. ance. Mainten tess. Mainten aboratory exer	ntenance. Ty Planned mair nance costs. I ance strategio rcises. Consul	pes of ma ntenance. Functional es. Information tation on c evaluation Points	aintenance. Types of fai Maintenance methods. lity, technology, maintenar ation systems maintenar design seminar. (maximum 100 points)	lures. Temporal asp Applying the concep ance of exploitability. ice.	ects of main ot of Total Pr Availability,	ntenanco roductio reliabilit Points
Definition mainten Mainten And abi 4. Teac lectures Exercis	nance. Norms nance technol nance (TPM) f lity to maintair hing methods: s, practical, gra Pre-examina	and stand ogy. Tero or mainten effectiver	dards of main technology. ance. Mainten tess. Mainten aboratory exer	ntenance. Ty Planned mair nance costs. I ance strategie rcises. Consul Knowledge e Mandatory	pes of ma ntenance. Functional es. Information tation on c evaluation Points 5.00	aintenance. Types of fai Maintenance methods. lity, technology, maintenar ation systems maintenar design seminar. (maximum 100 points) Final ex	lures. Temporal asp Applying the concep ance of exploitability. ice.	ects of main ot of Total Pr Availability, Mandatory	ntenanco roductio reliabilit Points 40.0
Definition mainter Mainter and abi 4. Teac lectures Exercis Lecture	nance. Norms nance technol nance (TPM) fi lity to maintair hing methods: s, practical, gra Pre-examina e attendance attendance	and stand ogy. Tero or mainten effectiver	dards of main technology. ance. Mainten tess. Mainten aboratory exer	ntenance. Ty Planned mair nance costs. I ance strategie rcises. Consul Knowledge e Mandatory Yes	pes of ma ntenance. Functional es. Information tation on c evaluation Points 5.00	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final ex Written part of the exam	lures. Temporal asp Applying the concep ance of exploitability. ice.	Mandatory Yes	ntenanco roductio
Definition mainter Mainter and abi 4. Teac lectures Exercis Lecture	nance. Norms nance technol nance (TPM) fi lity to maintair hing methods: s, practical, gra Pre-examina e attendance attendance	and stand ogy. Tero or mainten effectiver	dards of main technology. ance. Mainten tess. Mainten aboratory exer	ntenance. Ty Planned mair nance costs. I ance strategie rcises. Consul Knowledge e Mandatory Yes Yes	pes of ma ntenance. Functional es. Information tation on c evaluation Points 5.00 5.00	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final exam Oral part of the exam	lures. Temporal asp Applying the concep ance of exploitability. ice.	Mandatory Yes	ntenanc roductio reliabilit Points 40.0
Definition mainter Mainter and abi 4. Teac lectures Exercis Lecture	nance. Norms nance technol nance (TPM) f lity to maintair hing methods: s, practical, gra Pre-examina e attendance attendance aper	and stand ogy. Tero or mainten effectiver	dards of main technology. ance. Mainten tess. Mainten aboratory exer	ntenance. Ty Planned mair nance costs. I ance strategie rcises. Consul Knowledge e Mandatory Yes Yes	pes of mantenance. Functional es. Informat tation on construction evaluation Points 5.00 5.00 20.00	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam	lures. Temporal asp Applying the concep ance of exploitability. ice.	Mandatory Yes	ntenanc roductio reliabilit Points 40.0
Definition mainter Mainter and abi 4. Teac lectures Exercis Lecture Term pa	nance. Norms nance technol nance (TPM) f lity to maintair hing methods: s, practical, gra Pre-examina e attendance attendance aper	and stand ogy. Tero or mainten n effectiver	dards of main technology. I ance. Mainten aboratory exer tions	ntenance. Ty Planned mair nance costs. I ance strategie rcises. Consul Knowledge e Mandatory Yes Yes	pes of mantenance. Functional es. Information tation on contraction evaluation Points 5.00 5.00 20.00 Litera	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam	lures. Temporal asp Applying the concep ance of exploitability. Ice.	Mandatory Yes Yes	Points 40.0 30.0
Definition mainter Mainter and abi 4. Teac lectures Exercis Lecture Term pa Ord.	nance. Norms nance technol nance (TPM) fility to maintair hing methods: s, practical, gra Pre-examina e attendance attendance aper	and stand ogy. Tero or mainten n effectiver	dards of main technology. I ance. Mainten aboratory exer tions	ntenance. Ty Planned mair nance costs. I lance strategie rcises. Consul Knowledge e Mandatory Yes Yes Yes Yes	pes of mantenance. Functional es. Information tation on contraction evaluation Points 5.00 5.00 20.00 Litera	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final ex Written part of the exam Oral part of the exam	lures. Temporal asp Applying the concep ance of exploitability. Ice. kam - tasks and theory Publishe	Mandatory Yes Yes vi Sad	Points 40.0 Year
Definition mainter Mainter and abi 4. Teac lectures Exercis Lecture Term pa Ord. 1,	nance. Norms nance technol nance (TPM) fility to maintair hing methods: s, practical, gra Pre-examina e attendance attendance aper A Tepić, J.	and stand ogy. Tero or mainten n effectiver	dards of main technology. I ance. Mainten aboratory exer tions Šinsk Vuča	ntenance. Ty Planned mair nance costs. I ance strategie rcises. Consul Knowledge e Mandatory Yes Yes Yes Yes a vozila	pes of mantenance. Functional es. Information tation on construction evaluation Points 5.00 5.00 20.00 Litera Title	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final exam Oral part of the exam Oral part of the exam ature	lures. Temporal asp Applying the concep ance of exploitability. Ice. kam - tasks and theory Publishe FTN Izdavaštvo No	Mandatory Yes Yes vi Sad	Points 40.0 30.0 Year 2007
Definition mainter Mainter and abi 4. Teac lectures Lectures Lecture Term pa Ord. 1, 2,	nance. Norms nance technol nance (TPM) fi lity to maintair hing methods: s, practical, gra Pre-examina e attendance attendance aper A Tepić, J. Tepić, J.	and stand ogy. Tero or mainten n effectiver	dards of main technology. I ance. Mainten aboratory exer tions Šinsk Vuča Tehni	ntenance. Ty Planned mair nance costs. I nance strategio rcises. Consul Knowledge e Mandatory Yes Yes Yes Yes a vozila vozova	pes of mantenance. Functional es. Information tation on contraction Points 5.00 5.00 20.00 Literation Title	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final exam Oral part of the exam Oral part of the exam ature	lures. Temporal asp Applying the concep ance of exploitability. Ice. cam - tasks and theory Publishe FTN Izdavaštvo No FTN Izdavaštvo No	Mandatory Yes Yes vi Sad t, Beograd	Point: 40.0 30.0 Year 2007 2008
Definition mainten Mainten Mainten and abi 4. Teac lectures Exercis Lectures Term part Ord. 1, 2, 3,	nance. Norms nance technol nance (TPM) fi lity to maintair hing methods: s, practical, gra Pre-examina e attendance attendance aper A Tepić, J. Tepić, J. Bunčić, S.	and stand ogy. Tero or mainten effectiver aphic and la ation obliga	dards of main technology. I ance. Mainten aboratory exer tions Šinsk Vuča Tehni Održa	ntenance. Ty Planned mair nance costs. I ance strategio rcises. Consul Knowledge e Mandatory Yes Yes Yes Yes a vozila vozova ička eksploata avanje opreme	pes of mantenance. Functional es. Information tation on contraction evaluation Points 5.00 20.00 Litera Title	aintenance. Types of fai Maintenance methods. lity, technology, maintenar design seminar. (maximum 100 points) Final exam Oral part of the exam Oral part of the exam ature	lures. Temporal asp Applying the concep ance of exploitability. Ice. cam - tasks and theory Publishe FTN Izdavaštvo No FTN Izdavaštvo No Saobraćajni fakulte	Mandatory Yes Yes vi Sad t, Beograd reb	Points 40.0 30.0 Year 2007 2008 2000



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	e:								
Course	id:	S0433			Tra	ffic Accidents E	xpertise		
Numbe	er of ECTS: 6	6							
Teache	ers:		Kostić I. Sv	vetozar, Papić N	/I. Zoran				
Course	status:		Mandatory						
Numbe	er of active teach	ning classe	s (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	3	2		1		0	1	0	
Precon	dition courses			None					
1. Educ	cational goal:								
	ng basic engine se and reconsti				ic acciden	it expertise. Mastering th	ne procedures and m	nethods for pe	erformi
2. Educ	cational outcome	es (acquire	d knowledg	le):					
defining analysi	g the places of	accidents on of a traf	and the spe fic accident	eed of participa t. Providing rep	ints in cha ports and	ssary for individual work aracteristic positions. Und opinions. Introduction to ccidents.	derstanding the mea	ning of the tin	ne-spa
3. Cour	rse content/strue	cture:							
particip	ants. Determin	ning the sp	eed of traff	ic accident pa	rticipants.	he place of collision an Expertise on characteri affic accident expertise –	stic types of traffic a	accidents. Tin	ne-spa
particip analysi opinion 4. Teac Lecture	pants. Determin is on the accide b. Evaluation on ching methods: es, computing a	ning the sp ent. Method the dama nd numeric	eed of traff ds for elabo ge on moto cal-compute	ic accident pa prating a report or vehicles. Con er practice and	rticipants. on the tra mputer ap consultation	Expertise on characteri	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise.	ne-spa nd exp
particip analysi opinion 4. Teac Lecture	pants. Determin is on the accide n. Evaluation on ching methods:	ning the sp ent. Method the dama nd numeric	eed of traff ds for elabo ge on moto cal-compute	ic accident pa prating a report or vehicles. Con er practice and f the examination	rticipants. on the tra nputer ap consultation.	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise.	ne-spa nd exp
particip analysi opinion 4. Teac Lecture	pants. Determin is on the accide n. Evaluation on ching methods: es, computing a erequisite for ta	ning the sp ent. Method the dama nd numeric king the w	eed of traff ds for elabo ge on moto cal–compute ritten part of	ic accident pa prating a report or vehicles. Con er practice and f the examination Knowledge of	rticipants. on the tra mputer ap consultation. evaluation	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points)	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise. the partial exa	ne-spa nd exp
particip analysi opinion 4. Teac Lecture as a pr	pants. Determin s on the accide the Evaluation on ching methods: es, computing al erequisite for ta Pre-examinat	ning the sp ent. Method the dama nd numeric king the w	eed of traff ds for elabo ge on moto cal–compute ritten part of	ic accident pa prating a report or vehicles. Con er practice and f the examination Knowledge en Mandatory	rticipants. on the tra mputer ap consultation. evaluation Points	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e:	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise. the partial exa Mandatory	ne-spa nd exp aminati Poin
particip analysi opinion 4. Teac Lecture as a pro Exercis	pants. Determin is on the accide the Evaluation on ching methods: es, computing all erequisite for ta Pre-examinat se attendance	ning the sp ent. Method the dama nd numeric king the we tion obligat	eed of traff ds for elabo ge on moto cal–compute ritten part of	er practice and f the examination Knowledge e Mandatory Yes	rticipants. on the tra mputer ap consultation. evaluation Points 4.00	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points)	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise. the partial exa	ne-spa nd exp aminati Poin
particip analysi opinion 4. Teac Lecture as a pro Exercis Labora	pants. Determin s on the accide the Evaluation on ching methods: es, computing al erequisite for ta Pre-examinat	ning the sp ent. Method the dama nd numeric king the we tion obligat	eed of traff ds for elabo ge on moto cal–compute ritten part of	er practice and f the examination Knowledge e Mandatory Yes Yes	rticipants. on the tra mputer ap consultation. evaluation Points	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e:	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise. the partial exa Mandatory	ne-spa nd exp aminati Poin
particip analysi opinion 4. Teac Lecture as a pr Exercis Labora Lecture	pants. Determin is on the accide i. Evaluation on ching methods: es, computing a erequisite for ta Pre-examinat se attendance tory exercise att	ning the sp ent. Method n the dama nd numeric king the wing tion obligat	eed of traff ds for elabo ge on moto cal–compute ritten part of	er practice and f the examination Knowledge et Mandatory Yes Yes Yes	consultation Points 4.00 4.00	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e:	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise. the partial exa Mandatory	ne-spa nd exp aminati Poin
particip analysi opinion 4. Teac Lecture as a pro Exercis Labora Lecture Practic	pants. Determin is on the accide in Evaluation on ching methods: es, computing al erequisite for ta Pre-examinat e attendance tory exercise attendance al part of the ex	ning the sp ent. Method n the dama nd numeric king the wing tion obligat	eed of traff ds for elabo ge on moto cal–compute ritten part of	er practice and f the examination Knowledge e Mandatory Yes Yes	consultation evaluation 4.00 2.00	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e:	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise. the partial exa Mandatory	ne-spa nd exp aminati Poin
particip analysi opinion 4. Teac Lecture as a pro Exercis Labora Lecture Practic	pants. Determin is on the accide in Evaluation on ching methods: es, computing al erequisite for ta Pre-examinat e attendance tory exercise attendance al part of the ex	ning the sp ent. Method n the dama nd numeric king the wing tion obligat	eed of traff ds for elabo ge on moto cal–compute ritten part of	er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes	rticipants. on the tra mputer ap consultation. evaluation 4.00 4.00 2.00 40.00 20.00	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e:	stic types of traffic a form and content of nt analyses and exp	accidents. Tin f the report ar ertise. the partial exa Mandatory	ne-spa nd exp aminati Poin
particip analysi opinion 4. Teac Lecture as a pro Exercis Labora Lecture Practic	pants. Determin is on the accide the Evaluation on thing methods: es, computing an erequisite for ta Pre-examinat tory exercise att attendance al part of the ex- aper	ning the sp ent. Method n the dama nd numeric king the wing tion obligat	eed of traff ds for elabo ge on moto cal–compute ritten part of	er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes	rticipants. on the tra mputer ap consultation. evaluation 4.00 4.00 2.00 40.00 20.00	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam	stic types of traffic a form and content of nt analyses and exp	Accidents. Tin f the report ar ertise. the partial exa Mandatory Yes	ne-spa nd exp
particip analysi opinion 4. Teac Lecture as a pro- Exercis Labora Lecture Practica Term p	pants. Determin is on the accide the Evaluation on thing methods: es, computing an erequisite for ta Pre-examinat tory exercise att attendance al part of the ex- aper	nd numeric hing the sp nd numeric king the wi tion obligat tendance am - tasks	eed of traff ds for elabo ge on moto cal-compute ritten part of ions	ic accident pa brating a report or vehicles. Con er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes Yes Yes hika bezbednos	rticipants. on the tra mputer ap consultation. evaluation 4.00 4.00 2.00 40.00 20.00 Litera Title	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam ature e le saobraćaja	stic types of traffic a form and content of nt analyses and exp atudents should take xam	Accidents. Tin f the report ar ertise. the partial exa Mandatory Yes	ne-spa nd exp aminati Poin 30.
particip analysi opinion 4. Teac Lecture as a pre Exercis Labora Lecture Practice Term p Ord.	pants. Determin is on the accide i. Evaluation on ching methods: es, computing a erequisite for ta Pre-examinat tory exercise attendance a tattendance al part of the ex- aper Au	nd numeric hing the sp nd numeric king the wi tion obligat tendance am - tasks	eed of traff ds for elabo ge on moto cal-compute ritten part of ions ions Tehr Zbirl	ic accident pa brating a report or vehicles. Con er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes Yes Yes hika bezbednos	rticipants. on the tra mputer ap consultation. evaluation 4.00 4.00 2.00 40.00 20.00 Litera Title	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam	stic types of traffic a form and content of nt analyses and exp atudents should take to xam Publishe	Accidents. Tin f the report ar ertise. the partial exa Mandatory Yes er nauka	ne-spa nd exp aminati Poin 30. Yea
particip analysi opinion 4. Teac Lecture as a pro- Exercis Labora Lecture Practic Term p Ord. 1,	Articological Content of the examination of the accident of th	nd numeric hing the sp nd numeric king the wi tion obligat tendance am - tasks	eed of traff ds for elabo ge on moto cal-compute ritten part of ions ions Tehn Zbirl deo Brzii	ic accident pa brating a report or vehicles. Con er practice and f the examination Mandatory Yes Yes Yes Yes Yes Yes Nes Yes according Yes According Yes Yes According Yes Yes According Yes Yes Yes Yes According Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	rticipants. on the tra mputer ap consultation evaluation Points 4.00 4.00 2.00 40.00 20.00 Litera Title sti i kontrol ataka iz be	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam ature ele saobraćaja ezbednosti saobraćaja- l ti drumskog saobraćaja	stic types of traffic a form and content of nt analyses and exp itudents should take xam Publishe Fakultet tehničkih n	Accidents. Tin f the report ar ertise. the partial exa Mandatory Yes er nauka	ne-spa nd exp aminati Poin 30. Yea 2005
particip analysi opinion 4. Teac Lecture as a pri Exercis Labora Lecture Practica Term p Ord. 1, 2,	Ants. Determinis on the accident is on the accident is on the accident ching methods: es, computing and erequisite for ta Pre-examination tory exercise attendance attendance attendance al part of the extra aper Autor Kostić, S.	ning the sp ent. Method n the dama nd numeric king the wing tion obligat tendance am - tasks uthor	eed of traff ds for elabo ge on moto cal-compute ritten part of ions ions Tehn Zbirl deo Brzii	ic accident pa brating a report or vehicles. Con er practice and f the examination Knowledge of Mandatory Yes Yes Yes Yes Yes Yes Nas According a construction Yes Yes According a construction Nandatory Yes Yes According a construction Nandatory Yes According a construction Nandatory Yes	rticipants. on the tra mputer ap consultation Points 4.00 4.00 2.00 40.00 20.00 Litera ti i kontrol ataka iz be ezbednost ćajno tehr	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam ature ele saobraćaja ezbednosti saobraćaja- l	stic types of traffic a form and content of nt analyses and exp students should take xam Publishe Fakultet tehničkih n Saobraćajni fakulte	Accidents. Tin f the report ar ertise. the partial exa Mandatory Yes er nauka	ne-spa nd exp aminati Poin 30. Yea 2005 1991
particip analysi opinion 4. Teac Lecture as a pro- Exercis Labora Lecture Practica Term p Ord. 1, 2, 3,	pants. Determinis on the accident Evaluation on ching methods: es, computing an erequisite for ta Pre-examination tory exercise attendance tory exercise attendance al part of the ex- aper Au Kostić, S.	ning the sp ent. Method n the dama nd numeric king the wing tion obligat tendance am - tasks uthor	eed of traff ds for elabo ge on moto cal-compute ritten part of ions ions Tehn Zbirl deo Brzin Prirc Flen	ic accident pa prating a report or vehicles. Con er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes Yes Nes According Accordi	rticipants. on the tra mputer ap consultation Points 4.00 4.00 2.00 40.00 20.00 Litera Title sti i kontrol ataka iz be ezbednost ćajno tehr ozilima	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam ature e le saobraćaja ezbednosti saobraćaja- l ti drumskog saobraćaja ničko veštačenje i g prometa, svezak 1	stic types of traffic a form and content of nt analyses and exp students should take to xam Publishe Fakultet tehničkih n Saobraćajni fakulte FTN Novi Sad Modul Banja Luka Znanstveni savjet z JAZU Zagreb	Accidents. Tin f the report ar ertise. Mandatory Yes Yes t, Beograd t, Beograd ta promet	ne-spa nd exp aminati Poin 30. Yea 2005 1991 1994
particip analysi opinion 4. Teac Lecture as a pri Exercis Labora Lecture Practice Term p Ord. 1, 2, 3, 4,	bants. Determinis on the accident Evaluation on thing methods: es, computing an erequisite for ta Pre-examinate tory exercise attendance attendance al part of the ex- aper Autory Kostić, S. Vujanić, M. Kostić, S.	and numeric hte dama nd numeric king the wi tion obligat tendance am - tasks uthor	eed of traff ds for elabo ge on moto cal-compute ritten part of ions ions Tehn Zbirl deo Brzin Priru proc Elens Tabl	ic accident pa brating a report or vehicles. Con er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Naka bezbednos ka rešenih zada na kao faktor brati cinik za saobrat pertize prometri	rticipants. on the tra mputer ap consultation Points 4.00 4.00 2.00 40.00 20.00 Litera ti i kontrol ataka iz be ezbednost ćajno tehr ozilima cestovnog ih nezgod ajno-tehnio	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam ature e le saobraćaja ezbednosti saobraćaja- l ti drumskog saobraćaja- l di drumskog saobraćaja ničko veštačenje i g prometa, svezak 1 la čko veštačenje	stic types of traffic a form and content of nt analyses and exp itudents should take xam Publishe Fakultet tehničkih n Saobraćajni fakulte FTN Novi Sad Modul Banja Luka Znanstveni savjet z	Accidents. Tin f the report ar ertise. Mandatory Yes Yes t, Beograd t, Beograd ta promet tehničara	ne-spa and exp aminati Poin 30. Yea 2005 1991 1994 2000
particip analysi opinion 4. Teac Lecture as a pri Exercis Labora Lecture Practica Term p Ord. 1, 2, 3, 4, 5,	Ants. Determinis on the accident is on the accident is on the accident ching methods: es, computing and erequisite for ta Pre-examination of the examination e attendance attendance attendance al part of the examination Kostić, S. Vujanić, M. Kostić, S.	and numeric hte dama nd numeric king the wi tion obligat tendance am - tasks uthor	eed of traff ds for elabo ge on moto cal-compute ritten part of ions ions Tehn Zbirl deo Brzin Princ proc Elen Eksp Tabl	ic accident pa brating a report or vehicles. Con er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Nas Yes hika bezbednos ka rešenih zada na kao faktor bu činik za saobra jene šteta na v nenti sigurnosti pertize prometri lice za saobraćajnih	rticipants. on the tra mputer ap consultation evaluation Points 4.00 4.00 2.00 40.00 20.00 Litera ti i kontrol ataka iz be ezbednost ćajno tehr ozilima cestovnog ih nezgoda	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam ature ele saobraćaja ezbednosti saobraćaja- l ti drumskog saobraćaja- l ti drumskog saobraćaja ničko veštačenje i g prometa, svezak 1 la	stic types of traffic a form and content of nt analyses and exp students should take f xam Publishe Fakultet tehničkih n Saobraćajni fakulte FTN Novi Sad Modul Banja Luka Znanstveni savjet z JAZU Zagreb Društvo inženjera i	Accidents. Tin f the report ar ertise. Mandatory Yes Yes t, Beograd t, Beograd ta promet tehničara	ne-spa aminati Poin 30. Yea 2005 1991 1994 2000 1989
particip analysi opinion 4. Teac Lecture as a pro- Exercis Labora Lecture Practica Term p Ord. 1, 2, 3, 4, 5, 6,	Autoria Santa Sant	and numeric hte dama nd numeric king the wi tion obligat tendance am - tasks uthor	eed of traff ds for elabo ge on moto cal-compute ritten part of ions ions Tehn Zbirl deo Brzin Princ proc Elen Eksp Tabl Uvid situa	ic accident pa brating a report or vehicles. Con er practice and f the examination Knowledge e Mandatory Yes Yes Yes Yes Yes Yes Yes Nas According Ka bezbednos ka rešenih zada na kao faktor brati cinik za saobrać portize prometri	rticipants. on the tra mputer ap consultation evaluation Points 4.00 4.00 2.00 40.00 20.00 Litera Title ezbednost ćajno tehr ozilima cestovnog ih nezgoda	Expertise on characteri affic accident expertise – plication in traffic accide ons. During the course, s (maximum 100 points) Final e: Oral part of the exam ature ele saobraćaja ezbednosti saobraćaja- l ti drumskog saobraćaja- l ničko veštačenje i g prometa, svezak 1 la čko veštačenje - izrada skica i	stic types of traffic a form and content of nt analyses and exp itudents should take i xam Publishe Fakultet tehničkih n Saobraćajni fakulte FTN Novi Sad Modul Banja Luka Znanstveni savjet z JAZU Zagreb Društvo inženjera i saobraćaja i veza E	Accidents. Tin f the report ar ertise. Mandatory Yes Yes t, Beograd t, Beograd ta promet tehničara	ne-spa aminati Poin 30. Yea 2005 1991 1994 2000 1989 1991



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	:								
Course	id:	S0434			Traffic	c Regulation ar	nd Control		
Numbe	r of ECTS:	6							
Teache	er:	Ī	Bogdanović	Z. Vuk					
Course	status:		Mandatory						
Numbe	r of active tead	ching classes	s (weekly)						
	.ectures:	Practical		Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	3	2		1		0		0	
Precon	dition courses	<u>.</u>	<u> </u>	None		- I			
1. Educ	ational goal:								
enginee and oth knowlee	ering. Acquirin	g knowledg which nee cedures util	e in multidis d to be fulfi ized in the t	sciplinarity and lled when per raffic regulation	d complexit rforming a on enginee	methodical procedures a ty of traffic regulation pr nd applying regulation ring in dependence on t	ocesses, normative measures in practic	acts, regulation ce. Acquiring	on books practical
2. Educ	ational outcon	nes (acquire	d knowledge	e):					
network	ks. Students a	re able, follo	owing the no	ormative acts a	, and proced	ng specific problems relations to apply different i	measures and techn	ical solutions	
Jonande	sho for suler ti	anic now, u	anic regime	changes and	the improv	vement of traffic flow cor	ditions and service	level.	
3. Cour	se content/stru	ucture:							
3. Cour Introduc Vertical and stro segmer	se content/struction to traffic I signalization. eet network. F nts. Traffic reg	ucture: regulation. I Light signa Road equipn gulation on	Historical de lization. Trai nent. Techn cross-sectic	velopment and ffic control in r iques for traffi	d normative oad and st c regulatio	vement of traffic flow cor e acts. Traffic signalizati treet network. Signalizati n in street and road net raffic control with light s	on and equipment. H on and equipment fo work. Traffic regulat	Horizontal sign or traffic contro ion on non-url	ol in roac ban roac
3. Cour Introduc Vertical and stro segmer regulati	se content/stru ction to traffic l signalization. eet network. F nts. Traffic reg ion using traff	ucture: Light signa Road equipn gulation on ic lights at i	Historical de lization. Trai nent. Techn cross-sectic	velopment and ffic control in r iques for traffi	d normative oad and st c regulatio	e acts. Traffic signalizati treet network. Signalizati n in street and road net	on and equipment. H on and equipment fo work. Traffic regulat	Horizontal sign or traffic contro ion on non-url	ol in road ban road
 Cour Introduc Vertical and stro segmer regulati Teac Lecture knowled 	se content/struction to traffic l signalization. eet network. F nts. Traffic reg ion using traff shing methods: es, auditory ar	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin	Historical de lization. Trai nent. Techn cross-section ntersections ng practice.	velopment and ffic control in r iques for traffi ons and inters s. At the course	d normative oad and st c regulatio ections. Tr	e acts. Traffic signalizati treet network. Signalizati n in street and road net	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order	Horizontal sign or traffic contro ion on non-url plan elements	ol in road ban road s. Traffic acquired
 Cour Introduc Vertical and stro segmer regulati Teac Lecture knowled 	se content/struction to traffic I signalization. eet network. F nts. Traffic region using traffic shing methods: es, auditory ar dge in solving	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin	Historical de lization. Trai nent. Techn cross-section ntersections ng practice.	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa	d normative oad and st c regulatio ections. Tr e, students artial exami	e acts. Traffic signalizati treet network. Signalizati in in street and road net raffic control with light s should complete a sen	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order	Horizontal sign or traffic contro ion on non-url plan elements	ol in road ban road s. Traffic acquired
 Cour Introduc Vertical and stro segmer regulati Teac Lecture knowled 	se content/struction to traffic I signalization. eet network. F nts. Traffic region using traffic shing methods: es, auditory ar dge in solving	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin practical pro	Historical de lization. Trat nent. Techn cross-section ntersections ng practice. oblems. On p	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa	d normative oad and st c regulatio ections. Tr e, students artial exami	e acts. Traffic signalizati treet network. Signalizati in in street and road net raffic control with light s should complete a sen inations, students will not	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra	Horizontal sign or traffic contro ion on non-url plan elements	ol in road ban road s. Traffic acquired
3. Cour Introduc Vertical and stru segmer regulati 4. Teac Lecture knowled of the e	se content/struction to traffic l signalization. eet network. F nts. Traffic region using traffic shing methods: es, auditory ar dge in solving examination. Pre-examination e attendance	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin practical pro	Historical de lization. Trat nent. Techn cross-section ntersections ng practice. oblems. On p	velopment and ffic control in r iques for traffi ns and inters s. At the course bassing two pa	d normative oad and st c regulatio ections. Tr s, students artial exami evaluation (Points 5.00	e acts. Traffic signalizati reet network. Signalizati n in street and road net raffic control with light s should complete a sen inations, students will not	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra	Horizontal sign or traffic contro ion on non-url plan element: to apply the actical - compt	ol in road ban road s. Traffic acquired uting part
3. Cour Introduc Vertical and stro segmer regulati 4. Teac Lecture knowled of the e Exercis Lecture	e attendance	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin practical pro ation obligati	Historical de lization. Trat nent. Techn cross-section ntersections ng practice. oblems. On p	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa Knowledge e Mandatory Yes Yes	d normative oad and st c regulatio ections. Tr s, students artial exami evaluation (Points 5.00 5.00	e acts. Traffic signalizati reet network. Signalizati n in street and road net raffic control with light s should complete a sen inations, students will not (maximum 100 points) Final ex	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra	Horizontal sign or traffic contro ion on non-url plan elements to apply the actical - compu	ol in road ban road s. Traffic acquired uting part Points
3. Cour Introduc Vertical and stro segmer regulati 4. Teac Lecture knowlee of the e Exercis Lecture Practica	rse content/struction to traffic l signalization. eet network. F nts. Traffic region using traffic thing methods: es, auditory ard dge in solving examination. Pre-examination. Pre-examinate e attendance attendance al part of the e	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin practical pro ation obligati	Historical de lization. Trat nent. Techn cross-section ntersections ng practice. oblems. On p	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa Knowledge e Mandatory Yes Yes Yes	d normative oad and st c regulatio ections. Tr s, students artial exami evaluation (Points 5.00 5.00 35.00	e acts. Traffic signalizati reet network. Signalizati n in street and road net raffic control with light s should complete a sen inations, students will not (maximum 100 points) Final ex	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra	Horizontal sign or traffic contro ion on non-url plan elements to apply the actical - compu	ol in road ban road s. Traffic acquired uting part Points
3. Cour Introduc Vertical and stro segmer regulati 4. Teac Lecture knowled of the e Exercis Lecture	rse content/struction to traffic l signalization. eet network. F nts. Traffic region using traffic thing methods: es, auditory ard dge in solving examination. Pre-examination. Pre-examinate e attendance attendance al part of the e	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin practical pro	Historical de lization. Trat nent. Techn cross-section ntersections ng practice. oblems. On p	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa Knowledge e Mandatory Yes Yes	d normative oad and st c regulatio ections. Tr s, students artial exami evaluation (Points 5.00 5.00 35.00 20.00	e acts. Traffic signalizati treet network. Signalizati in in street and road net raffic control with light s should complete a sen inations, students will not (maximum 100 points) Final ex Theoretical part of the ex	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra	Horizontal sign or traffic contro ion on non-url plan elements to apply the actical - compu	ol in road ban road s. Traffic acquired uting part Points
3. Cour Introduc Vertical and stro segmer regulati 4. Teac Lecture knowled of the e Exercis Lecture Practica Term pa	ese content/struction to traffic l signalization. eet network. F nts. Traffic region using traffic shing methods: es, auditory ar dge in solving examination. Pre-examina- e attendance attendance al part of the e aper	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin practical pro- ation obligati	Historical de lization. Trat nent. Techn cross-section ntersections ng practice. oblems. On p	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa Knowledge e Mandatory Yes Yes Yes	d normative oad and st c regulatio ections. Tr e, students artial exami evaluation (Points 5.00 5.00 35.00 20.00 Litera	e acts. Traffic signalizati treet network. Signalizati in in street and road net raffic control with light s should complete a sen inations, students will not (maximum 100 points) Final ex Theoretical part of the ex	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra kam	Horizontal sign or traffic contro ion on non-url plan elements to apply the actical - compute Mandatory Yes	ol in road ban road s. Traffic acquired uting part Points 35.00
3. Cour Introduc Vertical and stro segmer regulati 4. Teac Lecture knowled of the e Exercis Lecture Practica Term pa Ord.	ese content/struction to traffic l signalization. eet network. F nts. Traffic region using traffic thing methods: es, auditory ar dge in solving examination. Pre-examina e attendance attendance al part of the e aper	ucture: regulation. H Light signa Road equipn gulation on ic lights at i nd computin practical pro ation obligati xam - tasks	Historical de lization. Trai nent. Techn cross-section ntersections og practice. oblems. On p	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa Knowledge e Mandatory Yes Yes Yes Yes Yes	d normative oad and st c regulatio ections. Tr s, students artial exami evaluation (Points 5.00 35.00 35.00 20.00 Litera Title	e acts. Traffic signalizati treet network. Signalizati in in street and road net raffic control with light s should complete a sen inations, students will not (maximum 100 points) Final ex Theoretical part of the ex ature	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra am am	Horizontal sign or traffic contro ion on non-url plan elements to apply the actical - compute Mandatory Yes	ol in roac ban roac s. Traffic acquirec uting par Points 35.00 Year
3. Cour Introduc Vertical and stro segmer regulati 4. Teac Lecture knowled of the e Exercis Lecture Practica Term pa Ord. 1,	rse content/struction to traffic l signalization. eet network. F nts. Traffic region using traffic thing methods: es, auditory ardge in solving examination. Pre-examina- e attendance attendance aper A Tihomir Dord	Author	Historical de lization. Trai nent. Techn cross-section ntersections og practice. bblems. On p ions	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa Knowledge e Mandatory Yes Yes Yes Yes Yes Isanje saobra	d normative oad and st c regulatio ections. Tr , students artial exami evaluation (Points 5.00 5.00 35.00 20.00 Litera Title cáginih toko	e acts. Traffic signalizati treet network. Signalizati in in street and road net raffic control with light s should complete a sen inations, students will not (maximum 100 points) Final ex Theoretical part of the ex ature	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra- tam am Publish Institut za puteve, F	Horizontal sign or traffic contro ion on non-url plan elements to apply the actical - compute Mandatory Yes er Beograd	ol in roac ban roac s. Traffic acquirec uting par Points 35.00 Year 1997
3. Cour Introduc Vertical and stro segmer regulati 4. Teac Lecture knowled of the e Exercis Lecture Practica Term pa Ord.	ese content/struction to traffic l signalization. eet network. F nts. Traffic region using traffic thing methods: es, auditory ar dge in solving examination. Pre-examina e attendance attendance al part of the e aper	Author Author	Historical de lization. Trai nent. Techn cross-section ntersections og practice. oblems. On p ions ions Regu Regu Plani	velopment and ffic control in r iques for traffi ons and inters s. At the course bassing two pa Knowledge e Mandatory Yes Yes Yes Yes Yes Ilisanje saobra ranje i projekto	d normative oad and st c regulatio ections. Tr s, students artial exami evaluation (Points 5.00 5.00 35.00 20.00 Litera Title ićajnih toko ovanje saol nog projek	e acts. Traffic signalizati treet network. Signalizati in in street and road net raffic control with light s should complete a sen inations, students will not (maximum 100 points) (maximum 100 points) Final ex Theoretical part of the ex ature ova braćajnica u gradovima tovanja "Horizontalna	on and equipment. H on and equipment fo work. Traffic regulat ignalization. Signal ninar paper in order t need to take the pra am am	Horizontal sign or traffic contro ion on non-url plan elements to apply the actical - compute Mandatory Yes er Beograd	ol in road ban road s. Traffic acquired uting part Points 35.00 Year



UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course									
Course i	id:	S0435		Pa	arking	and Public Park	king Garages		
Number	of ECTS:	3							
Teacher	rs:		Kostić I. Sve	tozar, Papić N	/I. Zoran				
Course	status:		Mandatory						
Number	of active teac	hing classe	es (weekly)						
Le	ectures:	Practical	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:
	2	2	2	0		0		0	
Precond	lition courses			None					
1. Educa	ational goal:								
	iire knowledge arage design.		g characteris	tics and the in	fluence or	n the transport system, p	arking space organiz	ation, and par	rking and
2. Educa	ational outcom	nes (acquir	ed knowledge	e):					
demand		tudents fo	r individual v	vork in the do	main of c	s and its influence on the organizing and designing			
3. Cours	se content/stru	icture:	1 0						
N				• • • • • • • • • • • • • • • • • • •		na nanostir - Arra f		4 a martin (m. 11	
demand Public p	ls. Modes for	solving the solving the	e parking prol d significance	olems – parkii e. Capacity an	ng regime	ng properties. Area for , tariff policy, time-limite , of public garages. Calcu	d parking. On-street	and off-street	t parking
demand Public p Types o	ls. Modes for arking garage	solving the s – role an g garages	e parking prol d significance	olems – parkii e. Capacity an	ng regime	, tariff policy, time-limite	d parking. On-street	and off-street	t parking
demand Public p Types o 4. Teach Lectures cargo ve	ls. Modes for parking garage of public parkin hing methods: s, auditory and	solving the s – role an ig garages I graphic p	e parking pro d significance and their exp ractice. Durin	olems – parkin e. Capacity an eloitation. g the course,	ng regime Id location	, tariff policy, time-limite	d parking. On-street lations and compute	and off-street r-aided garag field of passe	e design
demand Public p Types o 4. Teach Lectures cargo ve	ls. Modes for varking garage of public parkin hing methods: s, auditory and ehicle parking	solving the s – role an ig garages I graphic p	e parking pro d significance and their exp ractice. Durin	olems – parkii e. Capacity an loitation. g the course, i te a group wo	ng regime d location students s ork based	e, tariff policy, time-limite of public garages. Calcu should complete several g	d parking. On-street lations and compute	and off-street r-aided garag field of passe	e design
demand Public p Types o 4. Teach Lectures cargo ve	ls. Modes for varking garage of public parkin hing methods: s, auditory and ehicle parking	solving the s – role an g garages d graphic p g, as well a	e parking prol d significance and their exp ractice. Durin as to elabora	olems – parkii e. Capacity an loitation. g the course, i te a group wo	ng regime d location students s ork based evaluation Points	e, tariff policy, time-limite of public garages. Calcu should complete several of on monitoring the parki (maximum 100 points) Final e:	d parking. On-street lations and compute graphic papers in the ng properties on the kam	and off-street r-aided garag field of passe	e design
demand Public p Types o 4. Teach Lectures cargo ve central o Exercise	Is. Modes for parking garage of public parkin hing methods: s, auditory and ehicle parking city zone. Pre-examina e attendance	solving the s – role an g garages d graphic p g, as well a	e parking prol d significance and their exp ractice. Durin as to elabora	olems – parkii e. Capacity an oloitation. g the course, f te a group wo	ng regime d location students s ork based evaluation Points 5.00	e, tariff policy, time-limite of public garages. Calcu should complete several g on monitoring the parkin (maximum 100 points) Final e: Theoretical part of the ex	d parking. On-street lations and compute graphic papers in the ng properties on the kam	and off-street r-aided garag field of passe parking plac	nger and e design e design enger and es in the Points 30.00
demand Public p Types o 4. Teach Lectures cargo ve central o Exercise Graphic	Is. Modes for parking garage of public parkin hing methods: s, auditory and ehicle parking city zone. Pre-examina e attendance paper	solving the s – role an g garages d graphic p g, as well a	e parking prol d significance and their exp ractice. Durin as to elabora	blems – parkii e. Capacity an iloitation. g the course, te a group wo Knowledge e Mandatory Yes Yes	ng regime d location students s ork based evaluation Points 5.00 20.00	e, tariff policy, time-limite of public garages. Calcu should complete several of on monitoring the parki (maximum 100 points) Final e:	d parking. On-street lations and compute graphic papers in the ng properties on the kam	and off-street r-aided garag field of passe parking plac Mandatory	nger and e design e design enger and es in the Points 30.00
demand Public p Types o 4. Teach Lectures cargo ve central o Exercise Graphic	Is. Modes for parking garage of public parkin hing methods: s, auditory and ehicle parking city zone. Pre-examina e attendance	solving the s – role an g garages d graphic p g, as well a	e parking prol d significance and their exp ractice. Durin as to elabora	blems – parkii e. Capacity an iloitation. g the course, s te a group wo Knowledge e Mandatory Yes	ng regime d location students s ork based evaluation Points 5.00 20.00 5.00	e, tariff policy, time-limite of public garages. Calcu should complete several of on monitoring the parking (maximum 100 points) Final e: Theoretical part of the example Practical part of the example	d parking. On-street lations and compute graphic papers in the ng properties on the kam	and off-street r-aided garag field of passe parking plac Mandatory Yes	e design enger and es in the Points 30.00
demand Public p Types o 4. Teach Lectures cargo ve central o Exercise Graphic Lecture	Is. Modes for barking garage of public parkin hing methods: s, auditory and ehicle parking city zone. Pre-examina e attendance paper attendance	solving the s – role an g garages I graphic p g, as well a	e parking prol d significance and their exp ractice. Durin as to elabora	blems – parkii e. Capacity an iloitation. g the course, te a group wo Knowledge e Mandatory Yes Yes	ng regime d location students s ork based evaluation Points 5.00 20.00 5.00 Liter	e, tariff policy, time-limite of public garages. Calcu should complete several g on monitoring the parkin (maximum 100 points) Final e: Theoretical part of the exar Practical part of the exar ature	d parking. On-street lations and compute graphic papers in the ng properties on the kam am n - tasks	and off-street r-aided garag field of passe parking plac Mandatory Yes Yes	e design e design enger anc es in the Points 30.00 40.00
demand Public p Types o 4. Teach Lectures cargo ve central o Exercise Graphic Lecture Ord.	Is. Modes for parking garage of public parking hing methods: s, auditory and ehicle parking city zone. Pre-examina e attendance paper attendance A	solving the s – role an g garages d graphic p g, as well a	e parking prol ad significance and their exp ractice. Durin as to elabora tions	blems – parkii e. Capacity an iloitation. g the course, i te a group wo Knowledge e Mandatory Yes Yes Yes Yes	ng regime d location students s ork based evaluation Points 5.00 20.00 5.00 Liter Title	e, tariff policy, time-limite of public garages. Calcu should complete several g on monitoring the parkin (maximum 100 points) Final e: Theoretical part of the exar Practical part of the exar ature	d parking. On-street lations and compute graphic papers in the ng properties on the kam n - tasks Publishe	and off-street r-aided garag field of passe parking plac Mandatory Yes Yes	e design e design e design es in the Points 30.00 40.00 Year
demand Public p Types o 4. Teach Lectures cargo ve central o Exercise Graphic Lecture	Is. Modes for barking garage of public parkin hing methods: s, auditory and ehicle parking city zone. Pre-examina e attendance paper attendance	solving the s – role an g garages I graphic p g, as well a	and their exp and their exp ractice. Durin as to elabora tions	blems – parkii e. Capacity an iloitation. g the course, te a group wo Knowledge e Mandatory Yes Yes	ng regime d location students s ork based evaluation Points 5.00 20.00 5.00 Liter Title	e, tariff policy, time-limite of public garages. Calcu should complete several g on monitoring the parkin (maximum 100 points) Final e: Theoretical part of the exar Practical part of the exar ature	d parking. On-street lations and compute graphic papers in the ng properties on the kam am n - tasks	and off-street r-aided garag field of passe parking plac Mandatory Yes Yes er t Beograd	e design e design enger anc es in the Points 30.00 40.00
demand Public p Types o 4. Teach Lectures cargo ve central o Exercise Graphic Lecture Ord. 1,	Is. Modes for parking garage of public parkin hing methods: s, auditory and ehicle parking city zone. Pre-examinate attendance paper attendance A Putnik, N.	solving the s – role an g garages d graphic p g, as well a tion obliga	and their exp and their exp ractice. Durin as to elabora tions Autot Parki Elem	blems – parkii e. Capacity an oloitation. g the course, i te a group wo Knowledge e Mandatory Yes Yes Yes Yes aze i autostar ranje i parkiral	ng regime d location students s ork based evaluation Points 5.00 20.00 5.00 Liter Title nice išta oško proje	tariff policy, time-limite of public garages. Calcu should complete several g on monitoring the parkin (maximum 100 points) Final e: Theoretical part of the exar Practical part of the exar ature	d parking. On-street lations and compute graphic papers in the ng properties on the kam n - tasks Publishe Saobraćajni fakulte	and off-streed r-aided garag field of passe parking plac Mandatory Yes Yes er t Beograd t Beograd	rnger and es in the Points 30.00 40.00 Year 1991



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course					U	rban Public Tra	nsport		
Course		S0436			0		порон		
		6							
Teache	er:		Simeunov	vić M. Milan					
Course	status:		Mandator	у					
Numbe	er of active tead	hing classe	es (weekly)	1		i			
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	isses:
	3	2	2	1		0		0	
Precon	dition courses			None					
1. Educ	cational goal:								
	ing theoretical ort service.	and praction	al knowled	dge related to ur	ban passe	enger transport, mobility,	travelling characteris	tics, and the	quality c
2. Educ	cational outcon	nes (acquire	ed knowled	lge):					
						generator of transport d		normative for	transpor
	,					, J			
3. Cour	rse content/stru	ucture:							
Introdu Definin Produc	iction. Genera g quality prope tion ability of t	tors of pop erties for tra he system.	ansport se Reliability	rvices. Organiza of technical exp	tional serv loitation. F	and limitations. Methods vice support. Service usa Forecasting transport der ation methods and moc	ability. Service availa mands. Generating tr	bility. Service avel by zone:	e stability s. Spatia
Introdu Definin Produc distribu	iction. Genera g quality prope tion ability of t ution of travel	tors of pop erties for tra he system. ling. Mode	ansport se Reliability classifica	rvices. Organiza of technical exp ation of travellir	tional serv loitation. F ng. Evalua	vice support. Service usa Forecasting transport der	ability. Service availa mands. Generating tr les in subsystem se	bility. Service avel by zone:	e stability s. Spatia
Introdu Definin Produc distribu behavio	iction. Genera g quality prope tion ability of t ution of travel	tors of pop erties for tra he system. ling. Mode rs in transp	ansport se Reliability classifica	rvices. Organiza of technical exp ation of travellir	tional serv loitation. F ng. Evalua	vice support. Service usa Forecasting transport der ation methods and mod	ability. Service availa mands. Generating tr les in subsystem se	bility. Service avel by zone:	e stability s. Spatia
Introdu Defining Produc distribu behavio 4. Teac	action. Genera g quality prope tion ability of t ution of travel ouristic factor ching methods:	tors of pop erties for tra he system. ling. Mode 's in transp	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir	tional serv loitation. F ng. Evalua ding to p	vice support. Service usa Forecasting transport der ation methods and moc ublic transport system	ability. Service availa mands. Generating tr les in subsystem se	bility. Service avel by zone:	e stability s. Spatia
Introdu Defining Produc distribu behavio 4. Teac	action. Genera g quality prope tion ability of t ution of travel ouristic factor ching methods:	tors of pop erties for tra he system. ling. Mode 's in transp	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prac	itional servi loitation. F ng. Evalua ding to pr ctice and c	vice support. Service usa Forecasting transport der ation methods and moc ublic transport system	ability. Service availa mands. Generating tr les in subsystem se	bility. Service avel by zone:	e stability s. Spatia
Introdu Defining Produc distribu behavio 4. Teac	action. Genera g quality prope tion ability of t ution of travel ouristic factor ching methods:	tors of pop erties for tra he system. ling. Mode rs in transp mputer and	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prac	itional servi loitation. F ng. Evalua ding to pr ctice and c	vice support. Service usa Forecasting transport der ation methods and mod ublic transport system consultations.	ability. Service availa mands. Generating tr les in subsystem se quality.	bility. Service avel by zone:	e stability s. Spatia nands c
Introdu Defining Produc distribu behavid 4. Teac Lecture	action. Genera g quality prope tion ability of t ution of travel ouristic factor ching methods: es, auditory, co	tors of pop erties for tra he system. ling. Mode rs in transp mputer and	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prac Knowledge e	tional serviloitation. F ng. Evalua ding to pr ctice and c evaluation Points	vice support. Service usa Forecasting transport der ation methods and moc ublic transport system consultations. (maximum 100 points)	ability. Service availa mands. Generating tr les in subsystem se quality.	bility. Service avel by zone: election. Der	e stability s. Spatia nands c Points
Introdu Definin Produc distribu behavid 4. Teac Lecture Exercis	iction. Genera g quality prope tion ability of t ution of travel ouristic factor ching methods: es, auditory, co Pre-examina	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and mputer and	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prac Knowledge e Mandatory	tional serviloitation. F ng. Evaluation of pro- ctice and c evaluation Points 4.00	vice support. Service usa Forecasting transport der ation methods and moc ublic transport system consultations. (maximum 100 points) Final e:	ability. Service availa mands. Generating tr les in subsystem se quality.	bility. Service avel by zone election. Der	e stability s. Spatia nands c Points 40.0
Introdu Defining Produc distribu behavio 4. Teac Lecture Exercis Laborat Lecture	ection. General g quality prope- tion ability of t ution of travel ouristic factor ching methods: es, auditory, co Pre-examina tory exercise a e attendance	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and mputer and	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prac Knowledge e Mandatory Yes Yes Yes	tional serviloitation. Fing. Evaluation for product of the service and constraints and the service and the ser	vice support. Service usa Forecasting transport der ation methods and mod ublic transport system consultations. (maximum 100 points) Final e: Oral part of the exam	ability. Service availa mands. Generating tr les in subsystem se quality.	bility. Service avel by zone election. Der Mandatory Yes	e stability s. Spatia nands c Points 40.0
Introdu Definin Produc distribu behavio 4. Teac Lecture Exercis Laborat	ection. General g quality prope- tion ability of t ution of travel ouristic factor ching methods: es, auditory, co Pre-examina tory exercise a e attendance	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and mputer and	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prac Knowledge e Mandatory Yes Yes	tional serviloitation. Fing. Evaluation ding to produce and constraints evaluation Points 4.00 4.00 20.00	vice support. Service usa Forecasting transport der ation methods and moc ublic transport system consultations. (maximum 100 points) Final e: Oral part of the exam Practical part of the exar	ability. Service availa mands. Generating tr les in subsystem se quality.	bility. Service avel by zone election. Der Mandatory Yes	e stability s. Spatia nands c Points 40.0
Introdu Defining Produc distribu behavio 4. Teac Lecture Exercis Laborat Lecture	ection. General g quality prope- tion ability of t ution of travel ouristic factor ching methods: es, auditory, co Pre-examina tory exercise a e attendance	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and mputer and	ansport se Reliability classifica port servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prac Knowledge e Mandatory Yes Yes Yes	tional serviloitation. Fing. Evaluation for product of the service and constraints and the service and the ser	vice support. Service usa Forecasting transport der ation methods and moc ublic transport system consultations. (maximum 100 points) Final e: Oral part of the exam Practical part of the exar	ability. Service availa mands. Generating tr les in subsystem se quality.	bility. Service avel by zone election. Der Mandatory Yes	e stability s. Spatia nands o Points 40.00
Introdu Definin Produc distribu behavio 4. Teac Lecture Exercis Laborat Lecture	ection. Genera g quality prope- tion ability of travel ouristic factor ching methods: es, auditory, co Pre-examina e attendance tory exercise a e attendance aper	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and mputer and	ansport se Reliability classifica oort servic	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prace Knowledge e Mandatory Yes Yes Yes Yes Yes	tional serviloitation. F ng. Evaluation F ctice and c evaluation Points 4.00 2.00 20.00 Litera Title	vice support. Service usa Forecasting transport der ation methods and mod ublic transport system consultations. (maximum 100 points) Final e: Oral part of the exam Practical part of the exam ature	ability. Service availa mands. Generating tr les in subsystem se quality.	bility. Service avel by zone election. Der Mandatory Yes Yes	e stability s. Spatia nands c Points 40.0
Introdu Definin Produc distribu behavio 4. Teac Lecture Exercis Laborat Lecture Term p	ection. Genera g quality prope- tion ability of travel ouristic factor ching methods: es, auditory, co Pre-examina e attendance tory exercise a e attendance aper	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and ation obliga ttendance	ansport se Reliability classifica oort servic l graphical tions	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prace Knowledge e Mandatory Yes Yes Yes Yes Yes	tional serviloitation. F ng. Evaluation F ctice and c evaluation Points 4.00 2.00 20.00 Litera Title	vice support. Service usa Forecasting transport der ation methods and mod ublic transport system consultations. (maximum 100 points) Final e: Oral part of the exam Practical part of the exar ature	ability. Service availa mands. Generating tr les in subsystem se quality. xam n - tasks	bility. Service avel by zone: election. Der Mandatory Yes Yes	Points 40.0 230.0
Introdu Definin Produc distribu behavid 4. Teac Lecture Exercis Laborat Lecture Term p Ord.	ection. Genera g quality prope- tion ability of t ution of travel ouristic factor ching methods: es, auditory, co Pre-examina e attendance tory exercise a e attendance aper A	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and ation obliga ttendance	ansport se Reliability classification d graphical tions	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prace <u>Knowledge e</u> <u>Mandatory</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>asponizacija i tehno</u> evoza	tional serviloitation. Fing. Evaluation ding to produce and control of the product of the produc	vice support. Service usa Forecasting transport der ation methods and mod ublic transport system consultations. (maximum 100 points) Final e: Oral part of the exam Practical part of the exam ature	ability. Service availa mands. Generating tr les in subsystem se quality. xam n - tasks Saobraćajni fakultet The State University Jersey	bility. Service avel by zones election. Der Mandatory Yes Yes Yes t Beograd y of New	Points 40.0 30.0
Introdu Definin Produc distribu behavin 4. Teac Lecture Exercis Laborat Lecture Term pa Ord. 1,	ction. Genera g quality prope tion ability of travel ouristic factor ching methods: es, auditory, co Pre-examina e attendance tory exercise a e attendance aper R. Banković	tors of pop erties for tra- he system. ling. Mode 's in transp mputer and ation obliga ttendance	ansport se Reliability e classifica port service I graphical tions tions	rvices. Organiza of technical exp ation of travellir e quality accor – numerical prace <u>Knowledge e</u> <u>Mandatory</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>asponizacija i tehno</u> evoza	tional serviloitation. Fing. Evaluation ding to produce and control of the product of the produc	vice support. Service usa Forecasting transport der ation methods and mod ublic transport system consultations. (maximum 100 points) Final e: Oral part of the exam Practical part of the exam ature	ability. Service availa mands. Generating tr les in subsystem se quality. xam n - tasks Publishe Saobraćajni fakultet The State University	bility. Service avel by zones election. Der Mandatory Yes Yes Yes er t Beograd y of New 5e PC	Points 40.00 30.00 Year



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

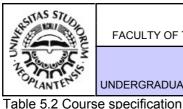


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course:							•.		
Course	id:	S0439				Road Capac	ity		
Number	of ECTS:	4							
Teache	r:		Bogdanov	ić Z. Vuk					
Course	status:		Mandatory	1					
Number	of active teac	hing classe	es (weekly)						
L	ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	asses:
	2	2	2	1		0		0	
Precond	dition courses		-	None		-	-		
1. Educ	ational goal:								
determi as the r	nation. Acquiri modes for dim	ing knowled nensioning	dge on the of elements a	capacity analysi and functional r	s procedu network se	I functional segments in res and determining the f egments in accordance the capacity analysis pro-	flow volume in higher with the flow deman	service level ds. Within th	ls, as well
2. Educ	ational outcom	nes (acquire	ed knowled	ge):					
3. Cours	se content/stru	icture:							
multi-la	ne road capac oundabout cap	city and ser	vice level,	one-direction c	rossroad o	capacity and service leve capacity and service leve capacity and service leve	el, priority intersection	n capacity an	nd service
4. Teac	hing methods:								
	s, auditory and he examinatio		g practice. I	During the cours	se, studen	ts can take two partial ex	aminations instead c	of practical –	numerical
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obliga	tions	Mandatory	Points	Final e	xam	Mandatory	Points
Exercise	e attendance			Yes	3.00	Oral part of the exam		Yes	40.00
	ory exercise a	ttendance		Yes		Practical part of the exan	n - tasks	Yes	30.00
	attendance			Yes	4.00				
Term pa	aper			Yes	20.00	-4			
						ature			
Ord.	-	uthor	Kor		Title		Publishe Saabraásini fakulta		Year
1, 2,	Kuzović Ljub Transportatio		h .	hway Capacity	•	skih saobraćajnica	Saobraćajni fakulte Nationaln Research		2000 2000
3,	Board Tihomir Đorđ	lević, Vuk	Kap	acitet putnih i u		tanja prioritetne	Washington , D.C. Fakultet tehničkih n	auka Novi	2002
4,	Bogdanović Kuzović Ljub	iča		krsnice bacitet drumskih	saobraća	inica	Sad Saobraćajni fakulte	t Boograd	1979
4 , 5,	Kuzović Ljub		ik	acite drumskih			Građevinska knjiga	-	1989
6,	Dražen Highway rese		- ·	hway capacity r			Division of Enginee	ring and	1965
7,	"Special Rep Dragan Mitić	o <u>rt 87"</u> , dr Smiljar		žne raskrsnice			industrial Research Saobraćajni fakulte		1994
8,	Vukanović mr Vladan Tu	ubić	Zbiı	ka rešenih zada		paciteta i nivoa usluge	Saobraćajni fakulte	-	2000
9,	Donald R. Dr			<u>mskih saobraća</u> ffic flow control	Inica		McGraw-Hill book o	-	1968
10,	dr Ljubiša Ku		tran			nosti izdvajanja Iskih arterija izgradnjom	New York Saobraćajni fakulte	t Beograd	1997
11,	dr Ljubiša Ku	IZOVIĆ		acitet i nivo usl	uge deoni	ca puteva	Saobraćajni fakulte	t Beograd	1989



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course English Language in Traffic and Transport Course id: EJSIT Number of ECTS: 2 Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafranj Teachers: F. Jelisaveta Course status: Flective Number of active teaching classes (weekly) Practical classes: Lectures: Other teaching types: Study research work: Other classes: 2 0 0 0 0 Precondition courses 1. Educational goal: Mastering the most important terminology related to profession. Developing strategies for understanding texts in a foreign language. Enabling students for reading and understanding the original English texts from the various sources related to the specific aspects of traffic engineering. Developing oral and written communication related to these topics, using adequate vocabulary and more complex sentence structures. 2. Educational outcomes (acquired knowledge): Students possess a wide range of terminology related to their field of studies. They can follow various literature from the field, and communicate on professional topics in the English language using the terms and sentences characteristic for the language of their future profession 3. Course content/structure: Processing contemporary professional texts in the English language related to diverse aspects in the field of traffic engineering. Developing strategies for understanding a professional text, such as: skimming, scanning, comparing sources, using context, using background knowledge etc. Mastering the most used terms related to profession. Adopting language functions, such as: comparison, classification, expressing purpose or function, describing components, causal relations, etc. Most common prefixes, suffixes, compounds and collocations. Passive, participles. Reduced relative classes (active and passive), reduced time clauses (active and passive) 4. Teaching methods: Emphasis is on students' activity during the class, their interaction with the teacher and among themselves. Communicative approach is used in the foreign language teaching. Exercises are created in order to simplify and evaluate the understanding of texts, as well as to practice certain vocabulary and other characteristic ESP properties. Some exercises are created to inspire students to additionally practice their language skills using the greater knowledge of their studying field. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Mandatory Final exam Points Test 10.00 40.00 Written part of the exam - tasks and theory Yes Yes Test 10 00 30.00 Yes Oral part of the exam Yes Test 10 00 Yes Literature Ord Author Title Publisher Year Dr Gordana Dimković Univerzitet u Beogradu, 1, English in Transport and Traffic Engineering 2004 Saobraćajni fakultet Telebaković 2, Glendinning and Mc Ewan Oxford English in Electronics OUP 1993 OUP 3. grupa autora Oxford English Serbian Dictionary 2006 4. Popić i dr Naučno tehnički rečnik Privredni pregled 1989 5, Ana Fišer Popović i dr. 1992 Road Traffic Engineering Savremena administracija



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:								
Course	id:	NJT1		G	Sermai	n Language for	Engineers 1		
Numbe	r of ECTS:	2							
Teache	r:	1	Berić B. And	rijana					
Course	status:	1	Elective						
Numbe	r of active teac	hing classes	(weekly)						
L	ectures:	Practical of	lasses:	Other teachi	ng types:	Study rese	arch work:	Other cla	sses:
	2	0		0		0		0	
Precon	dition courses	-	-	None		•	•		
1. Educ	ational goal:			-					
	ng professiona quiring comple			raffic and trar	nsport, imp	provement of language co	ompetency in relation	to profession	al topics,
2. Educ	ational outcom	nes (acquired	d knowledge):					
	ts are familiar to their future		onal terminc	ology, they ca	n underst	and texts related to the p	rofession and have co	onversations	on topics
3. Cour	se content/stru	icture:							
	al part of class e usage of ve					gh contemporary texts. T	heoretical part: verb	os, participles	I and II
4. Teac	hing methods:								
The ma importa		n communic	ative method	d, and studen	ts` partici	pation during the classes	. During communica	tion interactio	on is very
				Knowledge e	evaluation	(maximum 100 points)			
	Pre-examina	ation obligation	ons	Mandatory	Points	Final e	kam	Mandatory	Points
Test				Yes		Written part of the exam	 tasks and theory 	Yes	35.00
Test				Yes		Oral part of the exam		Yes	35.00
Test				Yes	10.00				
						ature			
Ord.	A	Nuthor	A		Title		Publishe	er	Year
1,	E.Zettl, J. Ja	nssen, H. Mi	liieri	noderner Tecr on 1-Lektion 4		laturwissenschaft	Hueber Verlag		1999



Г

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

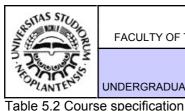


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course	:								
Course	id:	S0440			Tr	affic Terminal S	ervers		
Numbe	er of ECTS:	3							
Teache	ers:		Kostić I. Sve	tozar, Papić N	/I. Zoran				
Course	status:		Mandatory						
Numbe	r of active teac	hing classe	es (weekly)						
L	_ectures:	Practical	classes:	Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	2	2	0		0		0	
Precon	dition courses			None		•	•		
1. Educ	cational goal:								
						ics of road traffic termina g principles and the cont			stations,
2. Educ	cational outcom	nes (acquir	ed knowledge):					
	nd technologica					c terminals. Application of passenger and cargo tra			
3. Cour	rse content/stru	icture:							
termina and the	als. Criteria for eir definitions. E	the autom	otive base fa g adequate vo	cility distributi lumes and ca	on, planni apacities fo	erties and distribution prir ng, calculations and brie or a bus station. Planning utomotive freight stations	f and computer-aide and technological d	d design. Bus	s stations
4. Teac	ching methods:								
form of									
		in the city	design for a			course, students should to elaborate a group worl			
		in the city	design for a	bus station, a	s well as t				
	Pre-examina		design for a	bus station, a	evaluation Points	to elaborate a group work (maximum 100 points) Final ex	k based on monitorin		
	e attendance		design for a	Knowledge e Mandatory Yes	evaluation Points 5.00	to elaborate a group work (maximum 100 points) Final ex Oral part of the exam	k based on monitorin	Mandatory Yes	flow at a Points 30.00
Graphic	se attendance c paper		design for a	Knowledge e Mandatory Yes Yes	evaluation Points 5.00 20.00	to elaborate a group work (maximum 100 points) Final ex	k based on monitorin	ng the vehicle Mandatory	flow at a Points
Graphic	e attendance		design for a	Knowledge e Mandatory Yes	evaluation Points 5.00 20.00 5.00	to elaborate a group work (maximum 100 points) Final ex Oral part of the exam Practical part of the exam	k based on monitorin	Mandatory Yes	flow at a Points 30.00
Graphic Lecture	e attendance c paper e attendance	tion obliga	design for a	Knowledge e Mandatory Yes Yes	evaluation Points 5.00 20.00 5.00 Litera	to elaborate a group work (maximum 100 points) Final ex Oral part of the exam Practical part of the exan ature	k based on monitorin kam n - tasks	Mandatory Yes Yes	flow at a Points 30.00 40.00
Graphic	e attendance c paper e attendance		tions	Knowledge e Mandatory Yes Yes	evaluation Points 5.00 20.00 5.00 Litera Title	to elaborate a group work (maximum 100 points) Final ex Oral part of the exam Practical part of the exan ature	k based on monitorin kam n - tasks Publishe	Mandatory Yes Yes	flow at a Points 30.00
Graphic Lecture Ord.	e attendance c paper attendance	tion obliga	tions Autob	bus station, a Knowledge e Mandatory Yes Yes Yes	evaluation Points 5.00 20.00 5.00 Litera Title	to elaborate a group work (maximum 100 points) Final ex Oral part of the exam Practical part of the exan ature	k based on monitorin kam n - tasks	Mandatory Yes Yes Yes er t Beograd	flow at a Points 30.00 40.00 Year
Graphic Lecture Ord. 1,	e attendance c paper e attendance A Putnik, N.	ition obliga	tions Autob Parkii Eleme	bus station, a Knowledge e Mandatory Yes Yes Yes aze i autostar anje i parkiral	s well as t evaluation Points 5.00 20.00 5.00 Litera Title nice išta oško projel	to elaborate a group work (maximum 100 points) Final exam Oral part of the exam Practical part of the exam ature	k based on monitorin kam n - tasks Publishe Saobraćajni fakulte	Mandatory Yes Yes er t Beograd t Beograd	flow at a Points 30.00 40.00 Year 1991



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course: Urban Public Transport Technology Course id: S0441 Number of ECTS: 4 Teacher: Simeunović M. Milan Course status: Mandatory Number of active teaching classes (weekly) Lectures: Practical classes: Study research work: Other classes: Other teaching types: 2 2 0 0 0 Precondition courses None 1. Educational goal: Mastering the theoretical and practical knowledge related to the organization and technology of public passenger transport. 2. Educational outcomes (acquired knowledge): Enabling students for individual work in transport companies, as well as in the area of designing related to the organization and technology of public passenger transport. 3. Course content/structure: Fundamental notions and the structure of the public passenger transport system, static and dynamic line elements. Defining transport demands on lines and the modes for determining proper factors in the passenger flow. Irregularities in the passenger flow, defining the peak hour, irregular flow factor in the peak hour. Capacity coefficient on a characteristic line segment. Manners for determining necessary transport capacities based on adequate flow values. Interval and frequency. Transport ability and transport power. Usability of transport capacity. Determining necessary transport capacities based on the expenses model. Manners for designing a timetable. Tariff system and billing system. Criteria for setting and measuring the quality of the network lines. Influence of the public transport system quality on the transport service quality. 4. Teaching methods: Lectures, computing practice, graphic practice and consultations. Course content is divided into units, and students have the obligation to elaborate two seminar papers. Examination is in written and oral form. Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Points Mandatory Points Final exam Exercise attendance 5.00 Oral part of the exam Yes 35.00 Yes 20.00 Practical part of the exam - tasks Graphic paper Yes Yes 35.00 Lecture attendance 5.00 Yes Literature Ord. Author Title Publisher Year Organizacija i tehnologija javnog gradskog putničkog 1, R. Banković Saobraćajni fakultet Beograd 1994 prevoza 2, V. Vučić Javni gradski prevoz Naučna knjiga Beograd 1987 Tarifna politika u javnom gradskom putničkom Izdavačko preduzeće PC Pavle Gladović 1995 3. prevoz Program d.o.o. Beograd John Wiley & Sons, Inc. 4, Vukan Vučić Urban transit systems and tehnology 2007 Hoboken, New Jersey The state University of New Vukan R. Vuchic Transportation for Livable Cities 1999 5 Jersey fakultet tehničkih nauka, Novi Praktikum sa zbirkom zadataka iz tehnologije javnog 6 Milomir Veselinović 2008 gradskog transporta putnika Sad



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Course specification

	:		Traffic Planning Models							
Course	id:	S0329			Tr	affic Planning N	Nodels			
Numbe	r of ECTS:	6								
Teache	er:		Basarić B. V	alentina						
Course	status:		Mandatory							
Numbe	r of active tead	ching classes	s (weekly)							
L	ectures:	Practical of	classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:	
	3	2		1		0)	0		
Precon	dition courses						I			
1. Educ	ational goal:									
field of	traffic planning	g and traffic	study elabo	orations for the	e needs of	d models, network mode spatial and urban plans nd cargo terminals.				
2. Educ	ational outcon	nes (acquire	d knowledge	e):						
short-te						ut of simulation through oration of programme co				
Systerr plannin	g process – tr	pproach and ansportation	n planning w	ithin spatial a	nd urban p	tions in the planning pr planning, managing func	tion in the transporta	ation planning	proces	
System plannin Models demano probab	n analysis – a g process – tr – general not ds: basic types ility models. M	pproach and ansportation tions, mathe s of traffic ge	n planning w matical moo neration and	ithin spatial a dels, model de d attraction me	nd urban p evelopmen odels. Spat		tion in the transporta port demand models dels. Growth factor n	ation planning s – origins of nodels, gravity	proces transpo y model	
System plannin Models demano probab models	n analysis – a g process – tr – general not ds: basic types ility models. M	pproach and ansportatior tions, mathe s of traffic ge lodels for mo	n planning w matical moo neration and	ithin spatial a dels, model de d attraction me	nd urban p evelopmen odels. Spat	lanning, managing func t and application. Trans tial traffic distribution mo	tion in the transporta port demand models dels. Growth factor n	ation planning s – origins of nodels, gravity	proces transpo y model	
System plannin Models demand probab models 4. Teac Lecture	n analysis – a g process – tr – general not ds: basic types ility models. M thing methods: es and practic	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th	n planning w matical moo neration and odes and pr e course, st	ithin spatial a dels, model de d attraction me esentation of udents shoul	nd urban p evelopmen odels. Spat traffic distr d complete	lanning, managing func t and application. Trans tial traffic distribution mo	tion in the transporta sport demand models dels. Growth factor n distribution of flows i	ation planning s – origins of nodels, gravity nto networks.	proces transpo y model Networ	
System plannin Models demand probab models 4. Teac Lecture	n analysis – a g process – tr – general not ds: basic types ility models. M thing methods: es and practic	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th	n planning w matical moo neration and odes and pr e course, st	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students a	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig	planning, managing func t and application. Trans tial traffic distribution mo ibution. Models for the o be at the most two paper	tion in the transporta sport demand models dels. Growth factor n distribution of flows i	ation planning s – origins of nodels, gravity nto networks.	proces transpo y model Netwo	
System plannin Models demand probab models 4. Teac Lecture	n analysis – a g process – tr – general not ds: basic types ility models. M thing methods: es and practic	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial	n planning w matical moc oneration and odes and pr e course, st examination	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students a	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig	planning, managing func t and application. Trans tial traffic distribution mo ibution. Models for the o e at the most two paper gated to take a part of t	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination	ation planning s – origins of nodels, gravity nto networks.	proces transpo y model Netwo	
System plannin Models deman probab models 4. Teac Lecture plannin	n analysis – a g process – tr - general not ds: basic types lilty models. M tr thing methods: es and practice g. On passing	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial	n planning w matical moc oneration and odes and pr e course, st examination	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points	planning, managing func t and application. Trans tial traffic distribution mo ibution. Models for the batt the most two paper gated to take a part of t (maximum 100 points)	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination	ation planning s – origins of nodels, gravity nto networks. cal problems	proces transpo y model Netwo	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture	n analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance attendance	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial	n planning w matical moc oneration and odes and pr e course, st examination	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 5.00	planning, managing func t and application. Trans tial traffic distribution mo ibution. Models for the e at the most two paper gated to take a part of t (maximum 100 points) Final et	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam	ation planning s – origins of nodels, gravity nto networks. ical problems n. Mandatory	proces transpo y model Networ in traff Points 30.0	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture	n analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance attendance	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial	n planning w matical moc oneration and odes and pr e course, st examination	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory Yes	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00	e at the most two paper gated to take a part of t (maximum 100 points) Final ex Theoretical part of the ex	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam	ation planning s – origins of nodels, gravity nto networks. cal problems Mandatory Yes	proces transpo y model Netwo	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture	n analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance attendance	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial	n planning w matical moc oneration and odes and pr e course, st examination	tudents shoul n, students an Knowledge e Mandatory Yes Yes	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 5.00	e at the most two paper gated to take a part of the (maximum 100 points) Final ex Practical part of the ex Practical part of the example	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam	ation planning s – origins of nodels, gravity nto networks. cal problems Mandatory Yes	proces transpo y model Netwo in traff Points 30.0	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture	n analysis – a g process – tr – general not ds: basic types ility models. M ching methods: es and practic g. On passing Pre-examina e attendance attendance aper	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial	n planning w matical moc eneration and odes and pro- e course, st examination ons	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory Yes Yes Yes	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 5.00 20.00 Litera Title	e at the most two paper gated to take a part of the (maximum 100 points) Final ex Practical part of the ex Practical part of the example	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam am n - tasks Publishe	ation planning s – origins of nodels, gravity nto networks. ical problems n. Mandatory Yes Yes	proces transpo y model Network in traff Points 30.0 40.0 Year	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture Term p Ord. 1,	analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance aper J.Pađen	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial ation obligati	n planning w matical moc ineration and odes and pro- e course, st examination ons ons	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory Yes Yes Yes yes	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 5.00 20.00 Litera Title planiranja	e at the most two paper gated to take a part of the (maximum 100 points) Final e: Practical part of the example Final e: Final e: Practical part of the example ture	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam am n - tasks Publishe Informator, Zagreb	Ation planning s – origins of nodels, gravity nto networks. ical problems Mandatory Yes Yes er	proces transpor y model Netwo in traff Point 30.0 40.0 Year 1986	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture Term p Ord.	analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance aper J.Pađen Ratomir Vrad	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial ation obligati Author	n planning w matical moc ineration and odes and pro- e course, st examination ons ons Osno	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory Yes Yes Yes ve prometnog ve planiranja	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 20.00 Litera Title planiranja saobraćaja	e at the most two paper blanning, managing func t and application. Trans tial traffic distribution mo ibution. Models for the o e at the most two paper gated to take a part of the (maximum 100 points) Final e: Theoretical part of the exam ture -skripta	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam am n - tasks Publishe	Ation planning s – origins of nodels, gravity nto networks. ical problems Mandatory Yes Yes er	proces transpo y model Network in traff Points 30.0 40.0 Year	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture Term p Ord. 1,	analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance aper J.Pađen Ratomir Vrad Valentina Ba	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial ation obligati Author	n planning w matical moc ineration and odes and pro- e course, st examination ons ons Osno Osno Planin	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory Yes Yes Yes ve prometnog ve planiranja ranje saobraća	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 20.00 Litera Title planiranja saobraćaja	e at the most two paper gated to take a part of the (maximum 100 points) Final e: Practical part of the example Final e: Final e: Practical part of the example ture	tion in the transporta sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam am n - tasks Publishe Informator, Zagreb	ation planning s – origins of nodels, gravity nto networks. ical problems n. Mandatory Yes Yes er	proces transpor y model Netwo in traff Point 30.0 40.0 Year 1986	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture Term p Ord. 1, 2,	analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance aper J.Pađen Ratomir Vrad	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial ation obligati Author čarević asarić, Milan	n planning w matical moc eneration and odes and pro- e course, st examination ons ons Osno Osno Planin zadat	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory Yes Yes Yes ve prometnog ve planiranja ranje saobraća	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 5.00 20.00 Litera Title planiranja saobraćaja aja - praktik	e at the most two paper at the most two paper pated to take a part of the maximum 100 points) Final e: Theoretical part of the examination Practical part of the examination Final e: Structure	tion in the transport sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam an - tasks Publishe Informator, Zagreb Fakultet tehničkih r	Ation planning s – origins of nodels, gravity nto networks. ical problems Mandatory Yes Yes er nauka nauka	proces transpo y model Network in traff Points 30.0 40.0 Year 1986 2002	
System plannin Models demand probab models 4. Teac Lecture plannin Exercis Lecture Term p Ord. 1, 2, 3,	analysis – a g process – tr – general not ds: basic types ility models. M s. ching methods: es and practic g. On passing Pre-examina e attendance a ttendance a per J.Pađen Ratomir Vrač Valentina Ba Simeunović	pproach and ansportation tions, mathe s of traffic ge lodels for mo e. During th g the partial ation obligati Author čarević asarić, Milan	n planning w matical moo neration and odes and pro- e course, st examination ons ons Osno Osno Planin zadat Trans	ithin spatial a dels, model de d attraction me esentation of tudents shoul n, students an Knowledge e Mandatory Yes Yes Yes Yes ve prometnog ve planiranja ranje saobraća aka	nd urban p evelopmen odels. Spat traffic distr d complete re not oblig evaluation (Points 5.00 5.00 20.00 Litera Title planiranja saobraćaja aja - praktik	e at the most two paper blanning, managing func t and application. Trans tial traffic distribution mo ibution. Models for the o e at the most two paper gated to take a part of the (maximum 100 points) Final e: Theoretical part of the exar Practical part of the exar sture -skripta kum sa zbirkom	tion in the transport sport demand models dels. Growth factor n distribution of flows i rs which solve practi the final examination xam an - tasks Publishe Informator, Zagreb Fakultet tehničkih r	ation planning s – origins of nodels, gravity nto networks. ical problems i. Mandatory Yes Yes er er nauka nauka	proces transpo y model Netwood in traff Points 30.0 40.0 Year 1986 2002 2007	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Course specification

Course:				_	<i>.</i>	Idy research work: Other classe 0 3 stitutions dealing with jobs within the professional y acquired knowledge in practice. 3 dge for solving the specific engineering prohe selected company or institution, their bustional structures. 9 y or institution in which the professional practice in generated. 9 ibes the activities and jobs performed during the selected. 9 ibes the activities and jobs performed during the selected. 9 ibes the activities and jobs performed during the selected. 9 ibes the activities and jobs performed during the selected. 9 integration 10 integration 10		
Course id:	S0442]		Р	rofessional Pra	actice		
Number of ECTS:	2							
Teachers:								
Course status:		Mandatory	1					
Number of active t	eaching class	es (weekly)						
Lectures:	Practical	l classes:	Other teachi	ng types:	Study rese	arch work:	Other cla	isses:
0	(0	0		0		3	
Precondition cours	es		None					
1. Educational goa	l:							
								ession for
2. Educational out	comes (acquir	ed knowledą	ge):					
within the selected	d company or	institution.	Introducing stu	idents to th		cted company or inst		
3. Course content/	structure:							
	,	,	0		d of the company or insi the students is being e	•	professional p	ractice is
4. Teaching metho	ds:							
Consultations and professional prac		ofessional p	practice diary ir	ו which the	e student describes the	e activities and jobs	performed d	uring the
			Knowledge e	valuation (maximum 100 points)			
Pre-exan	nination obliga	itions	Mandatory	Points	Final e	kam	Mandatory	Points
Homework			Yes	50.00 C	Dral part of the exam		Yes	50.00
				Literat	ture			
Ord.	Author			Title		Publishe	er	Year



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Course specification

Course:									
Course id:	S0I48			Fi	nal – Bachelor Thesis				
Number of ECTS:	15								
Teachers:									
Course status:		Mandatory							
Number of active teac	hing classe	es (weekly)							
Lectures:	Practical	classes:	Other teachi	ng types:	Study research work:	Other cla	sses:		
0	()	0	0	10				
Precondition courses	-		None		·				
1. Educational goal:			-						
problem, its structure Researching the litera knowledge on modes final thesis. By elabor conducted methods a	e and com ture, stude , structure ating the fir nd procedu	plexity, and ents are intro and form of nal thesis, st ures, as well	based on cor duced to the m writing a repo udents acquire as results obta	nducted an nethods for rt after the experience	actical problems within the selected area. Stu- halysis, they draw conclusions on the possit solving similar tasks, and the practice in their e conducted analyses and other activities with se for writing their theses where it is necessary	ble modes of solving. Obta hin the set top	f solving. aining the pic of the		
structure of the set pro using the literature, s problems. By individu in their professional fi solving problems in th	individual oblem and tudents ex ally resear eld. By ela leir profess nted by the	application of approach th pand their k ching and so borating the ional field. E	of the previous e systematic al nowledge in the plving tasks in the Bachelor thes By preparing the	nalysis to o ne selecte he given a sis, studen e results fo	d knowledge in diverse fields being studied in draw conclusions on possible directions of its s d field and research diverse methods and the area, students acquire knowledge on the comp ts acquire certain experiences that can be ap or public defence, in the public defence and or ary experience on the manners of practically pr	solving. By in- eses related to plexity of the p plied in pract n answering of	dividually to similar problems tice while questions		
student, in agreemen Technical Sciences. T with the prescribed st	ent in parti t with the n The studen andards. S	nentor, com t prepares a student resea	pletes the final nd defends the arches the prot	thesis in f written fir fessional l	ds and the area enclosed within the set task of he written form in accordance with the regular hal thesis in public, in agreement with the men- terature, specialization and final thesis dealing efined in the task of the final thesis.	tions of the F tor and in ac	aculty of cordance		
4. Teaching methods:									
4. Teaching methods: The mentor of the final thesis sets the task of the final thesis and presents it to the student. Student is obliged to elaborate the final thesis within the set task defined in the task of the Bachelor thesis. During the elaboration of the final thesis, mentor can provide additional instructions to the student, direct to certain literature and additionally direct in order to have a more qualitative final thesis. Within the theoretical part of the final thesis, student has consultations with the mentor, and if needed, with other teachers dealing with the topics related to the topic of the Bachelor thesis. Within the set topic, if needed, student can conduct certain measuring, researching, counting, surveying and the like, if it is predicted by the final thesis task. Student completes the final thesis and on obtaining the agreement of the student has the o									
			Knowledge	evaluation	(maximum 100 points)				
Pre-examina	-		Mandatory	Points	Final exam	Mandatory	Points		
Writing the final paper	with theor	etic basis	Yes	50.00	Final exam defence	Yes	50.00		



Г

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



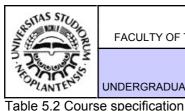
Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Table 5.2 Course specification

C	:								
Course	id:	S0327			Orga	anization of Roa	ad Traffic		
Numbe	r of ECTS:	3							
Teache	er:	Gla	dović V. I	Pavle					
Course	status:	Elec	ctive						
Numbe	r of active teac	hing classes (w	eekly)						
	ectures:	Practical clas		Other teachi	ng types:	Study resea	arch work:	Other cla	sses:
	2	1		1		0		0	
Precon	dition courses			None			I		
1. Educ	cational goal:								
	Ũ	on the properti	es of tran	sportation co	mnanies				
					inpanioo.				
2. Educ	cational outcom	nes (acquired kr	owledge):					
Possibi	lity of the overa	all analysis on th	ne work o	of transportation	on compai	nies in contemporary wor	king conditions.		
				-		· · ·	-		
3. Cour	rse content/stru	icture:							
						t. Organizational structur			
						/ system. Methodology for sportation company. Wo			
								enicle neet. I	echnicar
					iem mau	ransportation company.			
	ning methode.				aem in a u	ransportation company.			
	ching methods:								
Lecture	es. Practice. Pa	artial examinatio	n. The e>	camination is	written an	ransportation company. d oral. Written part of the nd computer practice.	examination is elimir	natory. Prerec	quisite for
Lecture	es. Practice. Pa	artial examinatio	n. The e>	completed la	written an boratory a	d oral. Written part of the	examination is elimir	natory. Prerec	quisite for
Lecture	es. Practice. Pa the examination	artial examinatio	n. The ex per, and	completed la	written an boratory a	d oral. Written part of the nd computer practice.		natory. Prerec	quisite for Points
Lecture taking t	es. Practice. Pa the examination	artial examinatio n are annual pa	n. The ex per, and	camination is completed lal	written an boratory a evaluation Points	d oral. Written part of the nd computer practice. (maximum 100 points)		, I	•
Lecture taking t	es. Practice. Pa the examination Pre-examina	artial examinatio n are annual pa	n. The ex per, and	kamination is completed lal Knowledge e Mandatory	written an boratory a evaluation Points 5.00	d oral. Written part of the nd computer practice. (maximum 100 points) Final e:		Mandatory	Points
Lecture taking t	Pre-examination Pre-examinatio	artial examinatio n are annual pa	n. The ex per, and	completed lai Knowledge e Mandatory Yes	written an boratory a evaluation Points 5.00 5.00	d oral. Written part of the nd computer practice. (maximum 100 points) Final ez Coloquium exam		Mandatory Yes	Points 20.00
Lecture taking t Exercis Lecture	Pre-examination Pre-examinatio	artial examinatio n are annual pa	n. The ex per, and	kamination is completed lat Knowledge e Mandatory Yes Yes	written an boratory a evaluation Points 5.00 5.00 20.00	d oral. Written part of the nd computer practice. (maximum 100 points) Final ez Coloquium exam Coloquium exam		Mandatory Yes Yes	Points 20.00 20.00
Lecture taking t Exercis Lecture	es. Practice. Pa he examination Pre-examina e attendance attendance aper	artial examinatio n are annual pa	n. The ex per, and	kamination is completed lat Knowledge e Mandatory Yes Yes	written an boratory a evaluation Points 5.00 5.00 20.00	d oral. Written part of the nd computer practice. (maximum 100 points) Final ex Coloquium exam Coloquium exam Oral part of the exam ature		Mandatory Yes Yes Yes	Points 20.00 20.00
Lecture taking t Exercis Lecture Term pa	es. Practice. Pa he examination Pre-examina e attendance attendance aper	artial examinatio n are annual pa ation obligations	n. The exper, and	kamination is completed lat Knowledge e Mandatory Yes Yes	written an boratory a evaluation Points 5.00 5.00 20.00 Liter Title	d oral. Written part of the nd computer practice. (maximum 100 points) Final ex Coloquium exam Coloquium exam Oral part of the exam ature	kam	Mandatory Yes Yes Yes	Points 20.00 20.00 30.00
Lecture taking t Exercis Lecture Term pa Ord.	Pre-examination Pre-examination Pre-examination e attendance e attendance aper	artial examinatio n are annual pa ation obligations	n. The exper, and the original of the original	A A A A A A A A A A A A A A A A A A A	written an boratory a evaluation Points 5.00 5.00 20.00 Liter Title	d oral. Written part of the nd computer practice. (maximum 100 points) Final ex Coloquium exam Coloquium exam Oral part of the exam ature raćaja	kam Publishe	Mandatory Yes Yes Yes	Points 20.00 20.00 30.00 Year
Lecture taking t Exercis Lecture Term pa Ord. 1,	e attendance aper P. Gladović P. Gladović	artial examinatio n are annual pa ation obligations	n. The exper, and of the other states of the o	A A A A A A A A A A A A A A A A A A A	written an boratory a evaluation Points 5.00 5.00 20.00 Liter Title skog saobra	d oral. Written part of the nd computer practice. (maximum 100 points) Final ex Coloquium exam Coloquium exam Oral part of the exam ature raćaja aćaja	cam Publishe FTN FTN FTN	Mandatory Yes Yes Yes	Points 20.00 20.00 30.00 Year 2006
Lecture taking t Exercis Lecture Term pa Ord. 1, 2,	e attendance aper P. Gladović P. Gladović	artial examinatio n are annual pa ation obligations ation withor M. Simeunović	n. The exper, and of the original of the origi	A A A A A A A A A A A A A A A A A A A	written an boratory a evaluation Points 5.00 5.00 20.00 Liter Title skog saobra boransporta	d oral. Written part of the nd computer practice. (maximum 100 points) Final e: Coloquium exam Coloquium exam Oral part of the exam ature raćaja aćaja a robe	kam Publishe FTN FTN FTN Saobraćajni fakultet Beogradu	Mandatory Yes Yes Yes	Points 20.00 20.00 30.00 Year 2006 2003
Lecture taking t Exercis Lecture Term pa Ord. 1, 2, 3,	es. Practice. Pa the examination Pre-examination Pre-examination e attendance a ttendance a ttendance a per P. Gladović P. Gladović P. Gladović P. Gladović, I	artial examinatio n are annual pa ation obligations ation withor M. Simeunović	n. The exper, and of the formation of th	kamination is completed lal Knowledge e Mandatory Yes Yes Yes izacija drums ni javnog auto	written an boratory a evaluation Points 5.00 5.00 20.00 Liter Title skog saobra otransporta aćajnih pro	d oral. Written part of the nd computer practice. (maximum 100 points) Final e: Coloquium exam Oral part of the exam ature raćaja aćaja a robe eduzeća	cam Publishe FTN FTN FTN Saobraćajni fakultet	Mandatory Yes Yes Yes er	Points 20.00 20.00 30.00 Year 2006 2003 2004



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Course: The organization and management of transport enterprises Course id: S0I6N2 Number of ECTS: 3 Teacher: Miličić S. Milica Course status: Elective Number of active teaching classes (weekly) Lectures: Practical classes: Other teaching types: Study research work: Other classes: 2 2 0 0 0 Precondition courses None 1. Educational goal: To introduce students to the concepts, dimensions and specific transport enterprises management and organization autotransportnih companies and trends in the development of organizational models and abroad depending on the changes in the environment. 2. Educational outcomes (acquired knowledge): Comprehensive analysis of the possibility of company in contemporary. 3. Course content/structure: Transport and transport system. The organizational structure of the company autotransportnih. Functioning of company . Company system management. Company methodology of organization. Modern models organizational structure. Technical exploitation of the vehicles. Information system in company. 4. Teaching methods: Lectures. Exercise. Colloquium. Written and oral. The written part is eliminating. The requirement for the exam are term paper, actual laboratory and computer exercises Knowledge evaluation (maximum 100 points) Pre-examination obligations Mandatory Mandatory Points Final exam Points Exercise attendance 5.00 Coloquium exam Yes Yes 20.00 Lecture attendance 5.00 20.00 Yes Coloquium exam Yes Term paper 20.00 Oral part of the exam 30.00 Yes Yes Literature Ord. Author Title Publisher Year Fakultet tehničkih nauka, Novi 2008 Pavle Gladović Organizacija drumskog saobraćaja 1. Sad 2 Dipl. oec Ivan Matić Ekonomski fakultet, Split 2005 Organizacija preduzeća Dr Vujadin B. Vešović, dr 3, Organizacija saobraćajnih preduzeća Saobraćani fakultet, Beograd 2002 Nebojša J. Bojović



Standard 06.

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

Traffic and Transport Engineering



UNDERGRADUATE ACADEMIC STUDIES

Programme Quality, Contemporaneity and International Compliance

The study programme is coordinated with contemporary trends and situation in profession and it is compatible with similar programmes in international higher education institutions.

The study programme in Traffic and Transport, designed in this manner, is omniscient and provides students with the latest scientific and professional knowledge in this field.

The study programme in Traffic and Transport is comparable and compatible with the accredited study programmes from the following faculties:

1.Faculty of Traffic and Transport Sciences, Zagreb, Croatia, www.fpz.hr

2.Faculty of Operation and Economic of Transport and Communications, Zilina, Slovak Republic, www.fpedas.uniza.sk

3.Faculty of Transportation Sciences, Department of Transporting Systems, Czech Technical University in Prague, www.fd.cvut.cz

4. Faculty of Technical Sciences, Bitola, FYR Macedonia, www.tfb.uklo.edu.mk

5. Faculty of Maritime Studies and Transport, study programme Traffic Technology, www.fpp.uni-lj.si



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

Traffic and Transport Engineering

Standard 07. Student Enrollment

UNDERGRADUATE ACADEMIC STUDIES

The Faculty of Technical Sciences, in accordance with the social demands and its own resources, enrols at the undergraduate academic studies in Traffic and Transport, at the budget financing and self-financing, a certain number of students that is every year defined by the special Decision of the NNV FTN. The selection of the students and their enrolment is performed among the applied candidates based on their success during the previous education and their success from the qualification examination, as defined by the Statute on the enrolment of students to the study programmes.

Students from other study programmes, as well as those with already completed studies, can enrol this study programme. In these cases the Evaluation committee (made by all heads of the chairs participating in the realization of the study programme) evaluate all passed activities by the candidates and based on the acknowledged number of points determine the year of studies that the candidate can enrol. The passed activities can be accepted entirely, can be accepted partially (the committee can ask for additional work) or need not be accepted.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

Traffic and Transport Engineering

Standard 08. Student Evaluation and Progress

UNDERGRADUATE ACADEMIC STUDIES

The final grade at each individual course in this programme is formed by continual monitoring of students` accomplishments and the results obtained during the academic year and on final examinations.

Students master the study programme by taking examinations and thus obtaining a certain number of ECTS credits, in accordance with the study programme. Each course at the study programme has a set number of ECTS credits which students obtain on successfully passing the examination.

The number of ECTS credits is determined on the basis of working activities of students in taking a certain course and by applying the unique methodology at the Faculty of Technical Sciences for all study programmes. Students' success in mastering a certain course is constantly monitored during classes and is presented in points. Maximum number of points obtained in a course is 100.

Students obtain points from a course through their work during classes, fulfilment of their prerequisites and taking the examination. The minimal number of points that can be obtained by a student after fulfilling prerequisites during the teaching process is 30, and the maximal one is 70.

Each course at the study programme has a clear and publicly known mode of obtaining points. The manner of obtaining points during classes includes a number of points given to a student on the basis of each individual type of activities during classes, or by fulfilling prerequisites and taking examinations.

A student's final achievement at a course is presented using grades from 5 (fail) to 10 (excellent). A student's grade is based on the overall number of points obtained on fulfilling prerequisites and taking the examination, and in accordance with the quality of acquired knowledge and skills.

A student can be able to take the examination from a given course if they have at least 15 ECTS credits from prerequisites. Additional conditions for taking the examination are defined individually for each course. Student's advancement during education is defined in the Regulations for Studying at the Undergraduate Academic Studies.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

State Bar

Study Programme Accreditation

Traffic and Transport Engineering

Standard 09. Teaching Staff

For the realization of the study programme in Traffic and Transport, there is the faculty staff with necessary scientific and professional qualifications.

Total number of lecturers is adequate to the demands of the study programme and depends on the number of courses performed and the number of classes per course. The total number of lecturers is adequate to cover the total number of classes at the study programme, so that each lecturer has in average 180 classes of active teaching (lectures, tutorials, practice, practical work,...) annually, i.e. 6 classes per week. Out of the total number of necessary teachers, all 100% is employed full-time.

The number of assistants is adequate for the demands of the study programme. The total number of assistants at the study programme is adequate to cover the entire number of classes at the programme, so that assistants have the average of 300 classes of active classes annually, i.e. 10 classes per week.

Scientific and professional qualifications of the teaching stuff are adequate to educational scientific field and the level of their obligations. Each teacher has at least five references from the narrow professional and scientific field in which they hold lectures at the study programme.

The number of students in a group for lectures is up to 180, practice groups have up to 60 students and laboratory practice groups have up to 20 students.

No teacher has more than 12 classes per week. All data on lecturers and assistants (CV, title appointed, references) are available to the public.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nom	e and last n	ama:			Adžić Z. Neve	nko			
	e and last n	ame.			Full Professo				
		litution :	whore the t-	achar works full time and			nces - Novi Sad		
	ng date:	itution v	vnere the te	acher works full time and	15.09.1978				
L	ntific or art f	ield:			Mathematics				
Acad	emic carie	er	Year	Institution			Field		
Acad	emic title e	lection:	2002	Faculty of Technical Sci	ences - Novi S	ad	Mathematics		
PhD	thesis		1990	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Magi	ster thesis		1986	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
Bach	elor's thesis	s	1976	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	E121	Mathe	matical Ana	alysis 2			er, Electronic and Telecommunication g, Undergraduate Academic Studies		
2.	E004 A	Moth-	motion! Area			(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
<u>∠</u> .	E221A	waute	matical Ana	แห่งเง 2			asurement and Control Engineering, luate Academic Studies		
3.	GG10	Mathe	matical Met	hods 3		(G00) Civi	il Engineering, Undergraduate Academic Studies		
							chanization and Construction Engineering, uate Academic Studies		
4.	M106	Matho	matics 2			(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies		
4.	WI 100	Maule	malics 2			(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						(P00)Proo Studies	duction Engineering, Undergraduate Academic		
5.	S017	Mathe	matics 2			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies			
0.	0011	matrio					tal Traffic and Telecommunications, uate Academic Studies		
6.	S0213	Mathe	matical Sta	tistics		Academic			
0.	00210	matrio				· · ·	tal Traffic and Telecommunications, uate Academic Studies		
						· ,	ety at Work, Undergraduate Academic Studies		
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
7.	Z104	Mathe	matics 1				aster Risk Management and Fire Safety, luate Academic Studies		
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic		
8.	BMI91	Mathe	matics 1			(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
9.	BMI92	Mathe	matics 2			(BM0) Bio Studies	medical Engineering, Undergraduate Academic		
10.	E101A	Discre	te Mathema	atics		Èngineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies		
						Studies	strial Engineering, Undergraduate Academic		
11.	IM1012	Probat	bility and St	atistics		Studies	neering Management, Undergraduate Academic		
						(P00)Proo Studies	duction Engineering, Undergraduate Academic		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

of courses b	eina held by	the teacher i	in the accredited	study programmes

List c	of courses b	eing held by the teacher in the accredited study programme	25
	ID	Course name	Study programme name, study type
			(M30) Energy and Process Engineering, Undergraduate Academic Studies
12.	IM1523	Discrete Mathematics	(I20) Engineering Management, Undergraduate Academic
			Studies
13.	P216	Numerical Analysis	(P00) Production Engineering, Undergraduate Academic Studies
			(OM1) Mathematics in Engineering, Master Academic
14.	0M517	Numerical Analysis	Studies
15.	0ML517	Numerical Analysis	(OM1) Mathematics in Engineering, Master Academic Studies
			(E11) Power, Electronic and Telecommunication
			Engineering, Specialised Academic Studies
			(I12) Industrial Engineering, Specialised Academic Studies
16.	DZ01MS	Selected Chapters in Mathematics	(I22) Engineering Management, Specialised Academic Studies
			(Z00) Environmental Engineering, Specialised Academic
			Studies
17.	D0M24	Numerical Solutions of Differential Equations	(OM1) Mathematics in Engineering, Doctoral Academic Studies
			(E10) Power, Electronic and Telecommunication
			Engineering, Doctoral Academic Studies
			(E20) Computing and Control Engineering, Doctoral Academic Studies
			(F00) Graphic Engineering and Design, Doctoral Academic
			Studies
			(F20) Engineering Animation, Doctoral Academic Studies
			(G00) Civil Engineering, Doctoral Academic Studies
			(GI0) Geodesy and Geomatics, Doctoral Academic Studies
18.	DZ01M	Selected Chapters in Mathematics	(H00) Mechatronics, Doctoral Academic Studies
-	-		(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies
			(M00) Mechanical Engineering, Doctoral Academic Studies
			(M40) Technical Mechanics, Doctoral Academic Studies
			(OM1) Mathematics in Engineering, Doctoral Academic
			Studies (S00) Traffic Engineering, Doctoral Academic Studies
			(Z00) Environmental Engineering, Doctoral Academic Studies
			Studies
			(Z01) Safety at Work, Doctoral Academic Studies
19.	AID06	Graph theory	(F20) Engineering Animation, Doctoral Academic Studies
Rep	presentative	e refferences (minimum 5, not more than 10)	
1.	N. Adzic,	On the spectral solution for boundary value problem, ZAMM	И 70,(1990) 6, Т647-Т649.
2.		N. Adzic, Z. Uzelac: A numerical asymptotic solution for sin tics, Vol.39, (1991) 229-238.	gular perturbation problems, International journal of compute
3.		Modified hermite polynomials in the spectral approximation tical society, Vol.45, (1992) 267-276.<\eng>	for boundary layer problems, Bulletin of the Australian
4.		Spectral approximation for single turing point problem, ZAN	/IM72(1992)6, T621-T624.
5.		Nonclassical orthogonal polynomials and singularly perturb	
6.		Spectral approximation and asymptotic behaviour of bound	,
7.	N. Adzic,	Z. Uzelac: A combination of spline and spectral approximat	
8.		853-S854 c, N. Adzic: The Approximate Solution for Problems with Nor	nlocal Boundary Conditions ZAMM70 (1000) S881 S822
о. 9.	N. Adzic,		ional singularly perturbed problems, ZAMM79 (1999), 3861-3862
	S852	On the apportal approximation for signature activity damage	Jome ZAMM 71/1001/6 T772 T776
10.	N. Adzic:	On the spectral approximation for singularly perturbed prob	nems,∠AMIN /1(1991)6,1//3-1//6.



C.

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

Traffic and Transport Engineering

UNDERGRADUATE ACADEMIC STUDIES

Cuminary data for teacher 5 solentine of art and prov	coolonial activity.			
Quotation total :	5			
Total of SCI(SSCI) list papers :	10			
Current projects :	Domestic :	2	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and		ame:			Avdalović A.			
Academic t					Assistant Pro	tessor		
Name of th starting dat		tution w	here the te	eacher works full time and	-			
Scientific o	r art fie	eld:			Production S	ystems, Org	anization and Management	
Academic o	carieer	-	Year	Institution			Field	
Academic t	title ele	ection:	2012				Production Systems, Organization and Management	
PhD thesis			2000	Faculty of Economics - S	Subotica		Economic Science	
Magister th	esis		1997	Faculty of Economics - S	Subotica		Economic Science	
Bachelor's	thesis		1992	Faculty of Economics - S	Subotica		Economics	
List of cour	ses be	eing hel	d by the te	acher in the accredited stu	udy programme	es		
ID		Course	e name			Study pro	ogramme name, study type	
1. URZ	2P47	Fire Ri	sk Manage	ment in Industry			aster Risk Management and Fire Safety, luate Academic Studies	
2. URZ	2P60	Risk A	nalysis Me	thods		(ZP0) Disa Undergrad	aster Risk Management and Fire Safety, luate Academic Studies	
3. IM1	1024	Risk M	anagemen	t and insurance		Studies	neering Management, Undergraduate Academic	
4. S0	1321	Insurar	nce for traf	ic and transport		Academic		
	_					Undergrad	tal Traffic and Telecommunications, uate Academic Studies aster Risk Management and Fire Safety,	
5. URZ	2P80	Basic p	orincipals o	finsurance		Undergrad	uate Academic Studies	
6. OIF	R001	Basic i	nsurance			(I20) Engineering Management, Specialised Profes Studies		
7. OIF	R002	Insurar	nce risks			(I20) Engineering Management, Specialised Profe Studies		
8. IM2	2719	Loss A	ssessment	:		(OM1) Mathematics in Engineering, Master Academ Studies		
						· / •	neering Management, Master Academic Studies	
9. IM2	2720	Reinsu	irance			Studies	thematics in Engineering, Master Academic	
10. IMD			ed Topics i	n Risk Management and I	nsurance		neering Management, Master Academic Studies neering Management, Specialised Academic	
11. IMD			ed Topics i	n Risk Management and I	nsurance	(120) Indus	strial Engineering / Engineering Management, cademic Studies	
Represen	tative			num 5, not more than 10)				
			,	uranju, Beograd, Želind, 2	000. ISBN 86-7	307-104-6		
			0	om, Subotica, Birografika			ID 185914119	
`	, ,	•	, ,	iguranja, Subotica, Merku	,			
				com, Novi Sad, DDOR, 20				
`								
`	, ,		, ,	eogradska bankarska aka	,			
`		. 0		adska bankarska akadem				
	· ·			d, Fakultet tehničkih nauka				
			nentalnih k et Subotica		u društva za o:	siguranje i re	eosiguranje, Univerzitet u Novom Sadu,	
9. Mer	nadžm	ent kon	troling drug	štva za osiguranje, Univerz	zitet u Novom S	Sadu, Ekono	omski fakultet, Subotica, 2000.	
			ć: Kreativne , ISSN 035		šavanju strateg	jijskih proble	ema organizacije, Strategijski menadžment, 199	
Summary	data f	for teac	her's scien	tific or art and professiona	l activity:			
uotation t				0				

SITAS STUD			WYKWX H							
OR										
120000	Study F	Programme A	ccreditatio	on	Con					
PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HO					
Total of SCI(SSCI)	I of SCI(SSCI) list papers : 5									
Current projects :		Domestic :	1	International :	1					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame.			Bačkalić M. Todor]	
	emic title:					Associate Pro				
		titution v	vhere the te	acher works full time	e and			nces - Novi Sad		
	ng date:					05.10.1992				
Scier	ntific or art f	ield:				Transport Sys	stem Techno	ologies		
Acad	emic cariee	er	Year	Institution				Field		
Acad	emic title el	lection:	2011					Transport System Technologies		
PhD	thesis		2001		cal Sciences - Novi Sad			Transport System Technologies		
Magi	ster thesis		1996	Faculty of Transpo Beograd	oort and Traffic Engineering -			Transport System Technologies		
Bach	elor's thesis	S	1992	Faculty of Technica	al Scie	ences - Novi Sa	ad	Transport System Technologies		
List c	ist of courses being held by the teacher in the accredite					udy programme	S	•		
	ID Course name						Study pro	gramme name, study type		
1.	S0216	Water	Transport 1	Fechnology			Academic		-	
							· · ·	tal Traffic and Telecommunication uate Academic Studies	15,	
2.	S0220	Organ	ization of W	ater Transport			v	fic and Transport Engineering, U	ndergraduate	
3.	S0I4N4	Proces	ss manager	nent in water transpo	ort		Academic		-	
4.	S0I51V	Waten	ways and P	orts			Studies	fic and Transport Engineering, M		
							, ,	Engineering, Master Academic S		
5.	S0I52V	Ship d	esign and e	exploatation of ships			(S00) Traffic and Transport Engineering, Master Acad Studies			
6.	S0I53V	Naviga	ation and ve	essel traffic control		(S00) Traffic and Transport Engineering, Master / Studies				
7.	LIM25	Transp	oort Techno	logies II			Academic			
8.	S0MI12			notion and maneuver	rability	y	Studies	fic and Transport Engineering, M		
9.	DSSB1		transport m				, ,	fic Engineering, Doctoral Academ		
10.	DSSB6			ent on inland waterwa	•		(S00) Traf	fic Engineering, Doctoral Academ	nic Studies	
Rep 1.	Tehnolog	jija vodn	log saobrać	num 5, not more thar aja deo I - Plovna pr tet tehničkih nauka,	revozr		licija - "Tehr	ničke nauke - udžbenici", 2003. (p	rvo izdanje),	
2.		-	• /				leok Eakulte	eta tehničkih nauka, Novi Sad		
			,		,	,		" Transmission", Proceedings of t	he First	
3.	Internatio	nal Con	ference on	Marine Industry "MA	ARINE	96" Volume I	ll pg. 271-2	79, Varna, Bulgaria, 2-7 June 199	96.	
4.	Industry "	'MARIN	D "98", Var	na, Bulgaria, Septer	nber 2	28-October 2 19	998.	ne Second International Conferen		
5.	Conferen	ce, Gyö	r, Hungary,	11-13 June, 2003.		-		Vaterways, European Inland Wate		
6.								eries, International Conference - eedings pg. 120-124	Dependability	
7.			to modelling /, 11-13 Jur		e ship	locking proces	s, Europear	n Inland Waterway Navigation Co	nference,	
8.	Organiza	cija sao	braćaja na	plovnim kanalima u f	funkci	ji propusne spo	osobnosti pl	ovnog puta		
9.	Upravljan	ije saob	raćajem na	veštačkim plovnim p	putevi	ma ograničenih	n dimenzija	u funkciji njihove propusne sposo	bnosti	
10.	Balkan A Macedon			anube-Morava-Danu	ıbe, Tl	he First Interna	tional Symp	osium Macedonian Transport Co	rridors, Bitola,	
Sur	nmary data	for teac	her's scien	tific or art and profes	ssiona	l activity:				
	ation total :				0					
	of SCI(SS		apers :		0		0			
Curre	ent projects	:			Dome	STIC :	2	International :	0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame:				Basarić B. Va	lentina				
Acad	lemic title:					Assistant Prof	fessor				
Nam	e of the inst	itution v	vhere the te	eacher works full time	e and	Faculty of Teo	chnical Scie	nces -	Novi Sad		
starti	ng date:					15.02.2000					
Scier	ntific or art f	ield:		î.		Traffic Systen	าร				
Acad	lemic cariee	er	Year	Institution		Field					
Acad	lemic title el	ection:	2011					Traff	ic Systems		
PhD	thesis		2010	Faculty of Technica	cal Sciences - Novi Sad			Traff	ic Engineering		
Magi	ster thesis		2006	Faculty of Technica	al Scie	ences - Novi Sa	ad	Traff	ic Systems		
Bach	elor's thesis	S	1999	Faculty of Technica	al Scie	ences - Novi Sa	ad	Traff	ic Systems		
List o	ist of courses being held by the teacher in the accredited					udy programme	S				
ID Course name							Study pro	gramr	ne name, study type		
1.	S0324	Funda	mentals in	Traffic Planning			(S00) Traf Academic		d Transport Engineering, U	ndergradu	ate
2.	S0329	Traffic	Planning N	Nodels			(S00) Traf Academic		d Transport Engineering, U es	ndergradu	ate
3.	S0I594	Traffic	Forecasts				(S00) Traf Studies	fic and	d Transport Engineering, M	aster Acad	Jemic
4.	S0MJ4	Planni	ng of Publi	c transport			(S00) Traf Studies	fic and	d Transport Engineering, M	aster Acad	demio
5.	S1I591	Traffic	Forecasts				(S01) Post Academic		affic and Telecommunications	ns, Master	•
6.	SOP2	Transp	portation De	emand Management			(S00) Traffic and Transport Engineering, Master Acade Studies			demio	
7.	DSIM1	Traffic	Planning			(S00) Traffic Engineering, Doctoral Academic S				nic Studies	3
8.	DSSK3A	Resea	rch and sin	nulation of road traffic	c flow		(S00) Traf	fic En	gineering, Doctoral Acaden	nic Studies	3
9.	DSSK4	Urban	planning a	nd development of tra	anspo	ort networks	(S00) Traf	fic En	gineering, Doctoral Acaden	nic Studies	3
10.	DSSK6	Mainta	inable urba	an transport systems			(S00) Traf	fic En	gineering, Doctoral Acaden	nic Studies	3
Rep	oresentative	reffere	nces (minir	num 5, not more than	n 10)						
1.		na pute	vima 2006'						impozijum "Prevencija saot a Novi Sad, oktobar 2006, l		892-
2.	Ratomir \ saobraća	/račarev j 2007,	vić, Valentiı YU ISSN 0	na Basarić "Uticaj nar 040-2176, UDK:625.0	plate 025.4	parkiranja na v .033.9=861	idovnu rasp	odelu	radnih putovanja", Tehnika	3-separat	t
3.									u gradovima", I Savetovanje 978-86-7892-083-7, UDK:		ene
4.	Planiranje	e saobra	aćaja-prakt	ikum sa zbirkom zada	ataka						
5.	Planiranie	e saobra	aćaja-prakt	ikum sa zbirkom zada	ataka						
6.	Ratomir \	/račarev		na Basarić "Vidovna r		dela: formaliza	cija ili strate	gija",	TES 2002, 5.Savetovanje c	tehnikam	a
7.	V.Basarió	ć, "Bezb odnim u	ednost dec	e u saobraćaju intezi					na obrazovanja" IX simpoz Sad, 23 i 24 oktobar 2008,		·86-
8.	Basarić, V	V., Jović	5, J., 2011.	Target modal split mo	ode, 7	Transport, Print	ISSN:1648	-4142	, Online ISSN:1648-3480		
9.	Model up	ravliania	a raspodelo	om putovania na vidov	ve pre	evoza u funkciii	održivoa ra	azvoia	, Fakultet tehničkih nauka N	lovi Sad. 2	2010
10.				. ,	•				ničkih nauka Novi Sad, 200		
				tific or art and profess	·		saja, rakult				
	ation total :	ion leat	ner s sciell			activity.					
	of SCI(SS	CI) list n	aners ·								
	ent projects	<i>·</i> ·	49010.		, Dome	stic ·	1		International :	0	
2011	p. 0j0010	•		F	- 0///0		•			L Č	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nom	e and last n	amo.			Berić B. Andr	iiana	1
	lemic title:	ame.			Lecturer	ijalia	
		titution v	whore the te	acher works full time and		chnical Scie	nces - Novi Sad
-	ing date:				04.11.2004		
Scier	ntific or art f	ield:			German		
Acad	lemic caries	er	Year	Institution			Field
Acad	lemic title e	lection:	2010	Faculty of Technical Sci	ences - Novi S	ad	German
Mast	er's thesis		2009	Faculty of Philology - Be	eograd		German
Bach	elor's thesis	S	2003	Faculty of Philosophy - I	Novi Sad		German
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es	
	ID	Course	e name			Study pro	gramme name, study type
1.	F330	Germa	an Languag	e – LSP Course 1		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies
2.	F331	Germa	an Languag	e – LSP Course 2		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies
						(A00) Arch	nitecture, Undergraduate Academic Studies
							nic Architecture, Technique and Design, uate Academic Studies
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies
3.	NJ01Z	German Language – Elementary				(Z01) Safe	ety at Work, Undergraduate Academic Studies
	10012					(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies
							aster Risk Management and Fire Safety, uate Academic Studies
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies
						(G00) Civil Engineering, Undergraduate Academic Studies	
							chanization and Construction Engineering, uate Academic Studies
					(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
							chnical Mechanics and Technical Design, uate Academic Studies
4.	NJ02L	Gorma	German Language – Pre-Intermediate			(P00) Prod Studies	duction Engineering, Undergraduate Academic
4.	INJUZL		an Languag			(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies	
						(Z01) Safety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies
							aster Risk Management and Fire Safety, uate Academic Studies
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic



UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

Traffic and Transport Engineering

UNDERGRADUATE ACADEMIC STUDIES List of courses being held by the teacher in the accredited study programmes

List o	t courses b	eing held by the teacher in the accredited study programm	
	ID	Course name	Study programme name, study type
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
5.	NJ03Z	German Language – Intermediate	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
6.	NJ04L	German Language – Upper-Intermediate	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
7.	NJ05	German Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
8.	NJ06	German Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
9.	NJ1L	German Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(H00) Mechatronics, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate
10.	NJT1	German Language for Engineers 1	Academic Studies (S01) Postal Traffic and Telecommunications,
10.	NJTT		Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
11.	SSIP22	German Language for Engineers 1	(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies
12.	NJ01Z	Nemački jezik - osnovni(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
13.	NJ02L	Nemački jezik - niži srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
14.	NJ03Z	Nemački jezik - srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
15.	NJ04L	Nemački jezik - napredni srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
16.	NJT1	Nemački jezik u tehnici 1(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
17	NUO2	Cormon Languago - Pro Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies
17.	NJ02L	German Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
			(110) Industrial Engineering, Undergraduate Academic Studies
18.	NJIIM	German for Specific Purposes	(I20) Engineering Management, Undergraduate Academic Studies

ANN ANN	TAS STUDIO	FACULTY OF TECHNICAL SC	STITUTE AND					
2.1		Study F	Programme A	ccreditatio	on	Service State		
,0t	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HOD HOD		
List c	of courses b	eing held by the teacher in the accred	dited study programme	s				
	ID	Course name		Study programme name, study type				
19.	F508	German Language for GRID 3		(F00) Graphic Engineering and Design, Master Academic Studies				
20. nja German Language in Architecture (AH0) Architecture, Master Acader						es		
Rep	oresentative	refferences (minimum 5, not more th	nan 10)					
1.	Prevod: I	novacije i trendovi u proizvodnji alatni	ih mašina					
2.	Prevod: I	nženjerstvo mehatroničnih sistema						
3.	3. Prevodi za Pro Elektro (u toku)							
4.	4. Prevod: Arbeitszenarien und Optimierung von Abläufen und Steuerung von selbstorganisierenden Bionic Assembly System in CIM Umgebung (u toku)							
Summary data for teacher's scientific or art and professional activity:								
	ation total :							
		CI) list papers :	0 Domestic :					
Curre	ent projects		0	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Bogdanović Z. Vuk									
	Academic title: Associate Professor								
Nam	Name of the institution where the teacher works full time and Faculty of Technical Sciences - Novi Sad							nces - Novi Sad	
	starting date: 01.02.1993								
Scier	ntific or art f	ield:	_	-		Traffic Planni	ng, Regulati	ion and Safety	
Acad	emic caries	er	Year	Institution				Field	
Acad	emic title e	ection:	2012	Faculty of Technica	al Sci	ences - Novi Sa	ad	Traffic Planning, Regulation and Safety	
PhD	thesis		2005	Faculty of Technic	al Sci	ences - Novi Sa	ad	Traffic Systems	
Magi	ster thesis		1998	Faculty of Technic	al Sci	ences - Novi Sa	ad	Traffic Systems	
Bach	Bachelor's thesis 1991 Faculty of Technical Sciences - Novi Sad Traffic Systems							Traffic Systems	
List c	List of courses being held by the teacher in the accredited study programmes								
	ID Course name Study programme name, study type								
1.	S0432	Traffic	Flow Theo	iry			(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
							(G00) Civil	Engineering, Undergraduate Academic Studies	
2.	S0434	Traffic	Regulatior	and Control			(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies	
3.	S0439	Road	Capacity				(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies	
4.	S051	Traffic	Design				(S00) Traf Studies	ffic and Transport Engineering, Master Academic	
5.	. S0I592 Project Evaluation					(S00) Traffic and Transport Engineering, Master Academic Studies			
6.	6. SOP2 Transportation Demand Management (S00) T Studies					ffic and Transport Engineering, Master Academic			
7.	DSIM4	Metho	ds in Traffi	c Infrastructure Mana	ageme	ent	(S00) Trat	ffic Engineering, Doctoral Academic Studies	
8.	DSSK3A	Resea	irch and sir	nulation of road traffi	c flow		(S00) Traffic Engineering, Doctoral Academic Studies		
9.	DSSK4	Urban	planning a	nd development of tr	ranspo	ort networks	(S00) Traf	ffic Engineering, Doctoral Academic Studies	
10.	DSSK6	Mainta	ainable urba	an transport systems	;		(S00) Traf	ffic Engineering, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minir	num 5, not more than	n 10)				
1.	Teorija sa	aobraća	jnog toka, l	Fakultet tehničkih na	uka, N	Novi Sad, 2004			
2.	Kapacite	putnih	i uličnih uk	rštanja-prioritetne ras	skrsni	ce (novi konce	ot), Fakultet	tehničkih nauka, Novi Sad, 2002	
3.	Prilog pro	bučavan	ju kapacite	ta i nivoa usluge na t	trokra	kim i kružnim p	rioritetnim r	askrsnicama po novom konceptu	
4.				-					
5.	Tanackov I., Bogdanović V., Tepić J., Sremac S., Ruškić N.: The Application of Artifical Intelligence Hybrid in Traffic Flow,								
6.	 Heidelberg, Springer, Heidelberg, 2011, str. 83-90, ISBN 0302-9743, UDK: 978-3-642-21219-2_12 Bogdanović V., Milutinović N., Kostić S., Ruškić N.: Research of the Influences of Input Parameters on the Result of Vehicles Collisions Simulation, Promet - Traffic 								
7.	Podapović V. Dadić I. Danić Z. Pučkić N.: Procedure for Safa Distance Determination for Minor Movement Accompliching at								
8.	Panié 7. Boodanović V. Baković M. Analyze of Changes in Exterior Dimensions of Cars During Collison with Fixed Barriers								
9.	Bondanović V. Panić Z. Ruškić N. Jeffić A.: Vehicle Speed Characteristics at Signalized Intersections Approaches Suvremeni								
10.	Bondanović V. Papić Z. Ruškić N. Basarić V. Jusufranić L. Analysis of Traffic Conditions Influence on Canacity of Unsignalized								
Sun				tific or art and profes					
Quot	ation total :				0				
Total	of SCI(SS	CI) list p	apers :		4				
Current projects : Domestic : 1 International : 0					Dome	estic :	1	International : 0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Acade	e and last n emic title:	ame:			L RUUGanovio /			
	ennic ille.				Bogdanović Ž. Vesna Senior Lecturer			
IName						Senior Lecturer		
				acher works full time and	Faculty of Technical Sciences - Novi Sad 15.12.1999			
	tific or art fi	eld:			English			
	emic cariee		Year	Institution			Field	
Acade	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	English	
Magis	ster thesis		2007	Faculty of Philosophy - I	Novi Sad		English	
Bache	elor's thesis	3	1999	Faculty of Philosophy - I	Novi Sad		English	
List of	f courses b	eing hel	d by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	AEJ1L	English	n Language	- Elementary		(A00) Arch	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	English	n Language	intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	English	n intermedia	ate		(A00) Arch	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	English	n Language	- upper intermediate		()	hitecture, Undergraduate Academic Studies	
							il Engineering, Undergraduate Academic Studies	
						Undergrad	chanization and Construction Engineering, luate Academic Studies	
						Academic		
5.	EJ01L	English Language – Elementary				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
						(P00) Prod Studies	duction Engineering, Undergraduate Academic	
						(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
							ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
6.	EJ01Z	English Language - Elementary				(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
						· · ·	aster Risk Management and Fire Safety, luate Academic Studies	
						(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic	
							ver, Electronic and Telecommunication Ig, Undergraduate Academic Studies	
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
7.	EJ02L	English	n Language	- Pre-Intermediate		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
			-			(Z01) Safety at Work, Undergraduate Academic Studies		
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
							aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic	

STAS STUDIORUM

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List of courses being held by the teacher in the accredited study programmes

LISU		eing held by the teacher in the accredited study programme	25
	ID	Course name	Study programme name, study type
8.	EJ02Z	English Language – Pre-Intermediate	 (110) Industrial Engineering, Undergraduate Academic Studies (120) Engineering Management, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate
			Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
9.	EJ03Z	English Language - Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
	EJ04L		(Z01) Safety at Work, Undergraduate Academic Studies
10.		English Language – Upper Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
		English Language - Elementary	(F10) Engineering Animation, Undergraduate Academic Studies
11.	EJ1Z		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	of courses b	eing held by the teacher in the accredited study programme	25		
	ID	Course name	Study programme name, study type		
			(E20) Computing and Control Engineering, Undergraduate Academic Studies		
			(ES0) Power Software Engineering, Undergraduate Academic Studies		
			(F10) Engineering Animation, Undergraduate Academic Studies		
13.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
			(AH0) Architecture, Master Academic Studies		
			(E20) Computing and Control Engineering, Undergraduate Academic Studies		
			(F10) Engineering Animation, Undergraduate Academic Studies		
14.	EJ3L	English Language – Advanced	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies		
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies		
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
		English Language ESD Courses	(M30) Energy and Process Engineering, Undergraduate Academic Studies		
23.	EJM	English Language – ESP Course	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
			(P00) Production Engineering, Undergraduate Academic Studies		
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies		
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
29.	ISIT07	English Language 2	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies		
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		



UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

auraaa hai	na hald by th	a taaahar in tha	accredited study	/ programanoo

12. binlob English 1 Studies 33. BMI81 English 2 (BM0) Biomedical Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes (120) Engineering Management, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (160) Godesy and Geomatics, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (10) Godesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (E10) Computing and Control Engineering, Undergraduate Academic Studies 36. EJZZ English Language - Intermediate (10) Architecture, Master Academic Studies 37. eja English Language - Intermediate (10) Codesy and Geomatics, Undergraduate Academic Studies 38. EJZZ English Language - Intermediate (10) Codesy and Geomatics, Undergraduate Academic Studies 39. F507 english Language - a Specialized Course (H0) Architecture, Master Academic Studies 39. F507 English Language for GRID 3 (F10) Power, Scheteronic and Telecommunication Technolic Locaica, Under	List c	st of courses being held by the teacher in the accredited study programmes									
31. Koha I English Language 2 Undergraduate Academic Studies C 32. BMI80 English 1 (BM0) Biomedical Engineering, Undergraduate Acade Studies 33. BMI81 English 2 (BM0) Biomedical Engineering, Undergraduate Acade Studies 34. EJIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes (120) Engineering Almaton, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (10) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (10) Cocobesy and Geomatics, Undergraduate Academic Studies 37. EJIZ English Language - Intermediate (ESI) Software Engineering and Information Technol Undergraduate Academic Studies 38. EJIZ English Language - Intermediate (EGI) Computing and Control Engineering, Undergraduate Academic Studies 39. F.JIZ English Language - Intermediate (EGI) Computing and Control Engineering, Undergraduate Academic Studies 36. E.JIZ English Language - Intermediate (EGI) Computing and Control Engineering, Undergraduate Academic Studies 37. eja English Langua		(AS0) Scenic Architecture Technique and Design									
32. Dividio English 1 Studies 33. BMI81 English 2 (BM0) Biomedical Engineering, Undergraduate Academic Studies 34. E-JIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Academic Studies 34. E-JIIM English for Specific Purposes (120) Engineering Management, Undergraduate Academic Studies 35. E-JIZ English Language - Elementary (E20) Computing and Control Engineering, Undergraduate Academic Studies 35. E-JIZ English Language - Elementary (Gl0) Gocdesy and Geomatics, Undergraduate Academic Studies 36. E-JIZ English Language - Elementary (Gl0) Gocdesy and Geomatics, Undergraduate Academic Studies 37. E-JIZ English Language - Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 38. E-JIZ English Language - Intermediate (Gl0) Gocdesy and Geomatics, Undergraduate Academic Studies 39. F607 English Language - Advanced (E30) Power Software Engineering and Information Technolic Lacrica, Undergraduate Academic Studies 39. F607 English Language - Advanced (E10) Computing and Control Engineering and Information Technolic Lacrica, Undergraduate Academic Studies 39. F607<	31.	ASI431	English Language 2								
33. BMMB English 2 Studies 34. EJIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes (120) Engineering Management, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (ES0) Power Software Engineering, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (GIO) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (GIO) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (E0) Computing and Control Engineering, Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (E0) Computing and Control Engineering, Undergraduate Academic Studies 37. eia English Language - Intermediate (GIO) Geodesy and Geomatics, Undergraduate Academic Studies 38. EJIZ English Language - a Specialized Course (A+O) Architecture, Master Academic Studies 39. F507 English Language - a Advanced (E10) Power, Elemineering and Information Technoli Undergraduate Academic Studies 39. F507 English Language or GRD 3 <	32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies							
34. EJIIM English for Specific Purposes Studies (120) Engineering Management, Undergraduate Acad Studies 35. EJIZ English Language - Elementary (E20) Computing and Control Engineering, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (G10) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (SE0) Software Engineering and Information Technol Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (E30) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (E30) Computing and Control Engineering, Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (G10) Geodesy and Geomatics, Undergraduate Academic Studies 37. eia English Language - Intermediate (SE0) Software Engineering and Information Technol Undergraduate Academic Studies 38. EJIZ English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F507 English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F507 English Language - GRID 3 (F00) G	33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies							
Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies 35. EJ1Z English Language - Elementary (Gi0) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJ1Z English Language - Elementary (Gi0) Geodesy and Geomatics, Undergraduate Academic Studies 37. EJ2Z English Language - Intermediate (E10) Power Software Engineering and Information Technoli Undergraduate Academic Studies 38. EJ2Z English Language - Intermediate (Gi0) Geodesy and Coorno Engineering, Undergraduate Academic Studies 36. EJ2Z English Language - Intermediate (Gi0) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJ2Z English Language - Intermediate (Gi0) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJ2Z English Language - Intermediate (Gi0) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJ27 English Language - Advanced (E10) Power, Filectronic and Telecommunication Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 B	34.	EJIIM	EJIIM English for Specific Purposes Studies (120) Engineering Management, Undergraduate Acad								
(AH0) Architecture, Master Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJE7 English Language - Advanced (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1 1. Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004. 2. Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007. 3. Ivana Mirović, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008.		EJ1ZEnglish Language - Elementary(ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies6.EJ1ZEnglish Language - Elementary(GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SE1) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies6.EJ2ZEnglish Language – Intermediate(ES0) Power Software Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies									
38. EJE7 English Language - Advanced (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004. 2. Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007. 3. Ivana Mirović, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008.											
38. EJE7 English Language - Advanced Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Acade Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004. 2. Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007. 3. Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008.	37.	eja	English Language – a Specialized Course								
Studies Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004. 2. Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007. 3. Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008. 4. Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008.	38.	EJE7	English Language - Advanced								
40. N1103 Business English Technologies, Master Academic Studies Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004. 2. Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007. 3. Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008 4. Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008.	39.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies							
 Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004. Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007. Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008 Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008. 	40.	NIT03	Business English								
 Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007. Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008 Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008. 	Rep	oresentative	e refferences (minimum 5, not more than 10)								
 Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008 Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008. 		Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004.									
4. Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008.	2.	. Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007.									
	3.	Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008									
L. University of Nevi Sad, Eaculty of Technical Sciences, provels: Marine Katić, Vesna Markavić, Ivana Mirović, Eakultat tabait	4.										
5. University of Novi Sad, Faculty of Technical Sciences, prevele: Marina Katić, Vesna Marković, Ivana Mirović, Fakultet tehnič nauka, Novi Sad, 2004.	5.	nauka, N	ovi Sad, 2004.								
6. Mr Vesna Bogdanović, Pačvork romani Alis Voker i Toni Morison, Beograd: Zadužbina Andrejević, 2009, ISBN 978-86-7244	6.	Mr Vesna	a Bogdanović, Pačvork romani Alis Voker i Toni Morison, Be	eograd: Zadužbina Andrejević, 2009, ISBN 978-86-7244-743-9							
 Bogdanović Vesna, Mirović Ivana, Ličen Branislava, Kreiranje udžbenika za stručni engleski jezik za studente različitog predznanja, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 445-454 	7.										
 Mirović Ivana, Bogdanović Vesna, Ličen Branislava, Istorijat nastave stručnog engleskog jezika na FTN-u u Novom Sadu, Z radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 170-176 	8.										

4	TAS STUR		UNIVERSITY OF NO	VI SAD		NUKWX 4
IVES OF	NULL STOR	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSII	TEJA OBRADOVIĆA 6	STATE
0.2		Study F	Programme A	ccreditatio	on	Con
.0	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HOU
Representative refferences (minimum 5, not more than 10)						
9. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova mer konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 329-332						a međunarodne
10. Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 705-712						n fakultetu,
Summary data for teacher's scientific or art and professional activity:						
Quot	tation total :		0			
Tota	I of SCI(SSCI)	list papers :	0			
Curr	ent projects :		Domestic :	0	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

NI	o ond least -					Česnii E. E			
	Name and last name: Časnji F. Ferenc Academic title: Full Professor								
							ences - Novi Sad		
						30.01.1971	Simular Scie	IICES - NUVI Odu	
	ng date.	ield:				Motor Vehicle	S		
	lemic cariee		Year	Institution				Field	
	lemic title el		1996	Faculty of Technica	al Sci	ences - Novi Si	he	Motor Vehicles	
	thesis	000011	1985	Faculty of Technic				Motor Vehicles	
	ster thesis		1977	Faculty of Agricultu				Motor Vehicles	
	elor's thesis	5	1971	Faculty of Mechan			ovi Sad	Motor Vehicles	
			-	acher in the accredit					
							-		
	ID	Course	e name				Study pro	ogramme name, study type	
1.	H2402	Motor	Vehicle Me	chatronics			(H00) Med	chatronics, Undergraduate Academic Studies	
2.	M2404A	Motor	Vehicles					chanization and Construction Engineering, luate Academic Studies	
								chanization and Construction Engineering,	
3.	M303	Funda	mentals of	Motor Vehicles			-	luate Academic Studies	
								chnical Mechanics and Technical Design, luate Academic Studies	
4.	M310A	Road	Vehicle The	ory			(M20) Me	chanization and Construction Engineering, luate Academic Studies	
5.	S0I361	Road	Vehicles				(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
6.	ZR403A	Motor	vehicles op	eration safety			(Z01) Safety at Work, Undergraduate Academic Studies		
7.	M2515					· · /	chanization and Construction Engineering, Master		
8.	M2549	9 ROAD TRAFFIC FORENSIC ENGINEERING				IG		chanization and Construction Engineering, Master	
9.	LIM14	Monito	oring and Di	agnostics of Transpo	ortatio	on Means	(LIM) Logi Academic	istic Engineering and Management, Master Studies	
10.	H797	Mecha	tronics in m	nechanization - adva	anced	topics	(H00) Med	chatronics, Master Academic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more than	n 10)				
1.	Časnji F:	Ergono	mski nedos	taci poljoprivrednih t	trakto	ra, Monografija	, Fakultet te	hničkih nauka, Novi Sad, 1991, str.157.	
2.			D: Pregled e		eristika	a traktora velike	e snage, Mo	onografija povodom 30 godina izdavanja časopisa	
3.			-		trakto	ra, Traktori i po	gonske ma	šine, 13 (2008)4, Novi Sad 54-59	
							•		
4.	Časnji F., Torović T., Muzikravić V: Energetska efikasnost traktora, Monografija, Fakultet tehničkih nauka - Novi Sad, 2009, str. 180								
5.	Ružić D., Časnji F.: Therma Interaction Between a Human Body and Vehicle Cabin, in: Heat transfer Phenomena and applications, ed. Salim N. Kazi, Vol. 1, pp. 295-318, In Tech. Rijeka, 2012.								
6.	Časnij E: Smanjanja potrožnja potroži pomoću mehatroničkih sistema u transmisiji traktora, poglavlja u monografiji "Aktuelni pravci								
7.	Pantelić Milinković Z. Časnij F. Demić M. Mogućnost snižavanja unutrašnje buke povećanjem akustičke apsorocije. Zbornik								
8.	Časnji F., Klinar I., Muzikravić V: Savremene tendencije u automobilskoj tehnici - mehaničke komponente i elektronski sistemi, DDOR Novi Sad, Novi Sad, 2001.god. str.80								
9.	Milidrag S. Časnij F. Muzikravić V. Poznanović N. Sistemi upravljanja motornih vozila, monografija, Fakultet tehničkih nauka								
10.	Časnij F. Križnar M. Milidrag S. Stanje i pravci razvoja motornih vozila i traktora, monografija naučne konferencije sa						a, monografija naučne konferencije sa		
Sur	nmary data	for teac	her's scient	tific or art and profes	ssiona	I activity:			
Quot	ation total :			;	38				
	of SCI(SSC		apers :		0				
Curre	ent projects	:			Dome	estic :	0	International : 0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame:			Čavić M. Maj	a			
	lemic title:				Assistant Professor				
Nam	e of the inst	itution v	here the te	acher works full time and	Faculty of Technical Sciences - Novi Sad				
-	ng date:				03.11.1988				
Scier	ntific or art f	ield:			Machine Elements, Construction Principles, Machine and Mechanizm				
Acad	lemic cariee	er	Year	Institution			Field		
Acad	lemic title el	ection:	2012				Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
PhD	thesis		2012	Faculty of Technical Sci	iences - Novi Sad		Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
Magi	ster thesis		1994	Faculty of Mechanical E	Engineering - Beograd		Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
Bach	elor's thesis	6	1987	Faculty of Technical Sci	echnical Sciences - Novi Sad		Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
List c	of courses b	eing he	d by the te	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	udy programme name, study type		
1.	H306	Machir	ne Mechani	CS		(H00) Med	chatronics, Undergraduate Academic Studies		
2.	M208	Theory	of Mechar	nisms and Machines		Undergrad	chanization and Construction Engineering, luate Academic Studies chnical Mechanics and Technical Design,		
						Undergraduate Academic Studies			
3.	M2409	Power	and Motior	n Transmission			chanization and Construction Engineering, luate Academic Studies		
4.	M2410	Mecha	nism Synth	iesis		Undergrad	chanization and Construction Engineering, uate Academic Studies		
						Undergrad	chnical Mechanics and Technical Design, luate Academic Studies		
5.	M2525	Mecha	nisms				chanization and Construction Engineering, uate Academic Studies		
6.	S012	Descri	ptive Geom	etry and Engineering Dra	wing	Academic	ffic and Transport Engineering, Undergraduate Studies tal Traffic and Telecommunications,		
							uate Academic Studies		
7.	H570	1570 Mechanisms in Mechatronics				(H00) Mechatronics, Master Academic Studies			
8.	M2653	Power Machir		n Transmission in Agriculti	ural	(M22) Meo Academic	chanization and Construction Engineering, Master Studies		
9.	H797	Mecha	tronics in n	nechanization - advanced	topics	(H00) Mec	chatronics, Master Academic Studies		
10.	DM215			s in Machine and Mechan		(M00) Me	chanical Engineering, Doctoral Academic Studies		
11.	DM409	Select	ed Chapter	in Power and Motion Tran	nsmission	(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
1.	CENTRO	DES, M Editoria	lanufacturir	ng Intelligent Design and C	Optimization Pre	ocesses, Jo	GONAL HOLES DRILLING APPLYING urnal of Machine Engineering,Vol 7, No 2, 2007, Federation NOT, Wroclaw, Poland, 2007, ISSN		
2.	Sorli, M.,	Ferrare		rski (Cavic), M., Borovac, 32, No. 1, pp. 51-77, ISSI		ić, M.: Mecł	nanics of turin parallel robot, Mechanism and		
3.	Kolarski (of balanc	Cavic), ed robo	M., Vukobr	atović, M., Borovac, B.: D ms, Mechanism and Mach	ynamic analysi				
4.	M.Kostić,	M. Čav	ić, M. Zloko	olica: ABOUT OPTIMAL S			CPLANAR MECHANISM, 12th IFToMM World mm.org, www.iftomm2007.com		
5.	skupa: 12	2th IFTo	MM World				S KINEMATIC GROUP MECHANISMS Naziv and Machine Science - IFToMM, Besancon, 18-21		

4	TAS STUR		UNIVERSITY OF NO	OVI SAD		NIKHX 4			
AL DO DO R		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6							
2.2		Study F	Con						
·0	PLANTER	UNDERGRADUATE ACADEMIC	STUDIES Traffic and Transport Engineering						
Re	presentative re	efferences (minimum 5, not more th	an 10)						
6.	polygonal h	 Cavic, M., Kostic, M.: Analytical o oles boring - General approach, Str Engineering, 2010, Vol. 56, No. 7-6 	ojniski Vestnik - Jou						
7.		Čavić M., Zlokolica M., Veselinović (S , 2. Power Transmissions, Novi S				ORMING			
8.	Čavić M.: MODULARNI PRISTUP ANALIZI I SINTEZI MEHANIZAMA SA KINEMATIČKIM GRUPAMA VIŠE KLASE, Novi Sad, 2012								
9.	Čavić M., Kostić M., Zlokolica M.: Dynamical Condition for Mechanism Synthesis, Monografija Machine Design, 2008, pp. 109- 114, ISSN ISBN 978-86-7892-105								
10.	Kostić M., Č ISSN 1821-	Čavić M., Zlokolica M.: PERFORMA 1259	ANCE OF LEVER-CA	AM DWELL N	IECHANISM, Machine Design, 2	2009, pp. 115-120,			
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:						
Quot	tation total :		0						
Tota	l of SCI(SSCI)	list papers :	3						
Curr	ent projects :		Domestic :	0	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Ćosić I. Đorđe				
Academic title:					Assistant Professor				
F						chnical Scie	nces - Novi Sad		
	-	iold:			01.01.2007 Production Systems, Organization and Management				
	ntific or art f		Year	Institution	Production Systems, Organization and Management Field				
					Production Systems, Organizati		Production Systems, Organization and		
Acad	emic title el	ection:	2010	Faculty of Technical Sci			Management		
PhD	thesis		2010	Faculty of Technical Sci	ences - Novi S				
Magi	ster thesis		2007	Faculty of Technical Sci	ences - Novi S	ad	Production Systems, Organization and Management		
	elor's thesis	-	2001	Faculty of Technical Sci			Mechanical Engineering		
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study programme name, study type			
1.	URZP33	Role a	ind Importa	nce of Prevention in Risk	Reduction		P0) Disaster Risk Management and Fire Safety, dergraduate Academic Studies		
2.	URZP36	Risks i	in Manipula	ting Hazardous Substance	es	Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
3.	URZP41	Disast	ers and Vu	Inerability		Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
4.	URZP46	Cycle	Elements o	f Catastrophic Events			aster Risk Management and Fire Safety, uate Academic Studies		
5.	URZP56	Funda	mentals of	Risk and Fire Protection N	lanagement	Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
6.	IM1024	Risk M	lanagemen	t and insurance		(I20) Engin Studies	neering Management, Undergraduate Academic		
7.	S0I321	Insura	nce for traff	fic and transport		Academic			
						Undergrad	tal Traffic and Telecommunications, uate Academic Studies		
8.	URZP80	Basic	principals o	finsurance		Undergrad	aster Risk Management and Fire Safety, uate Academic Studies		
9.	IMDR0S	Selecter and co		s in enterprise's design, or	ganization	· /	strial Engineering, Specialised Academic Studies neering Management, Specialised Academic		
10.	OIR001	Basic i	insurance			(I20) Engi Studies	neering Management, Specialised Professional		
11.	OIR002	Insurance risks				(I20) Engi Studies	ineering Management, Specialised Professional		
12.	Z511			/iri upravljanja akcidentnim iv na engleskom)	1	(Z20) Envi	ronmental Engineering, Master Academic Studies		
13.	ZP501			I Disaster Risk Manageme	ent	(ZP1) Disa Academic	aster Risk Management and Fire Safety, Master Studies		
14.	IM2707	Metho	ds for the a	nalysis of insurance risk		(I20) Engir	neering Management, Master Academic Studies		
15.	IM2714			agement cycle			neering Management, Master Academic Studies		
16.	IM2717		gement of s nce compa	trategic and operational ris	sks of	(OM1) Ma Studies	thematics in Engineering, Master Academic		
17.	IM2719	Loss A	ssessment			Studies	thematics in Engineering, Master Academic		
						1	neering Management, Master Academic Studies		
18.	IMDS75		ed Topics i gement	n Risk Management and I	nsurance	(I22) Engi Studies	neering Management, Specialised Academic		
19.	MPK009	Enviro	mental haz	ards			enjerstvo tretmana i zaštite voda - TEMPUS(uneti ngledskom), Master Academic Studies		
20.	IMDR0	Scienc	ce of Indust	rial Engineering and Mana	agement		strial Engineering / Engineering Management, cademic Studies		
21.	IMDR75		ed Topics i gement	n Risk Management and I	nsurance		strial Engineering / Engineering Management, cademic Studies		

295	TAS STUD	UNIVERSITY OF NO	WINNA HAL					
AINO AINO								
NEO	֛	Study Programme Accreditation						
	ZANTE	UNDERGRADUATE ACADEMIC STUDIES	Traffic and Transport Engineering					
List	of courses b	eing held by the teacher in the accredited study programme	S					
	ID	Course name	Study programme name, study type					
22.	ZRD233	Selected topics in the field of insurance from the standpoint of safety and health at work	(Z01) Safety at Work, Doctoral Academic Studies					
Re	presentative	e refferences (minimum 5, not more than 10)						
1.		M., Ćosić Đ.: An Orthodox Christian Reflection: Genetic En Man and God, The American Journal of Bioethics, 2010, Vo						
2.	Possible	M., Ćosić Đ., Bojanić R., Radišić S., Ivanović G., Delić Z.: E Predictors of a High Performance Working System, African ′2, ISSN 1993-8233						
3.		Popov S., Sakulski D., Pavlović A.: Geo-Information Techr a, 2011, Vol. 8, No 2011/1, pp. 64-74, ISSN 1854-0171	nology for Disaster Risk Assessment, Acta Geotechnica					
4.	Pečujlija M., Azemović N., Azemović R., Ćosić Đ.: Leadership and productivity in transition: employees view in Serbia, Journal for East European Management Studies, 2011, Vol. 16, No 3, pp. 251-263, ISSN 0949-6181							
5.		Njegomir V., Ćosić Đ.: Ekonomske implikacije klimatskih promena na sektor osiguranja i reosiguranja, Teme, 2012, Vol. 36, No 2, pp. 679-701, ISSN 0353-7919						
6.		D., Ćosić Đ., Popov S.: Implementation of Innovative Techr ce Natural Hazards, Novi Sad: University of Novi Sad, Facu						
7.	Sakulski Protectio	D., Ćosić Đ., Popov S., Pavlović A., Laban M.: Disaster risk n, Ecology, Security, Bar: Fakultet za pomorstvo Kotor, 24-2	management and fire safety, 1. International conference 6 Maj, 2012, pp. 75-81					
8.		Popov S., Ćosić Đ., Sakulski D., Novaković T., Popović Lj., lationship during the process of teaching at the subject "Dis						
9.			zardnih pojava poplave i suše u cilju poboljšanja planiranja ktive-", 2012, No 12, pp. 136-146, ISSN 978-86-7520-107-6,					

10.	Popović Lj., Popov S., Ćosić Đ., Sakulski D.: Impact of Visualization on Data Availability, UDK: CIP je dostupan u Univerzitetskoj biblioteci Rijeke pod brojem 121219001								
Su	Summary data for teacher's scientific or art and professional activity:								
Quo	tation total :	0							
Tota	I of SCI(SSCI) list papers :	5							
Curr	ent projects :	Domestic :	2	International :	1				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

		•		•					
	e and last n	iame:			Dorić Ž. Jova				
Academic title:					Assistant Professor Faculty of Technical Sciences - Novi Sad				
starting date:					01.10.2008	chilical Scie			
Scientific or art field:					Internal Combustion Engines				
	emic carie		Year	Institution		Field			
	emic title e		2012	Faculty of Technical Sci	ences - Novi S	ad	Internal Combustion Engines		
	thesis		2012	Faculty of Technical Sci			Internal Combustion Engines		
	er's thesis		2008	Faculty of Technical Sci		Internal Combustion Engines			
	elor's thesis	s	2008			Internal Combustion Engines			
			ld by the te	acher in the accredited stu	udv programme	es	5		
		<u> </u>							
	ID	Course	e name			Study pro	gramme name, study type		
1.	H2421	EC En	ginees Meo	chatroncis		(H00) Med	chatronics, Undergraduate Academic Studies		
2.	M213	Machir	ne Usage			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
3.	M2403A	IC Eng	jines				chanization and Construction Engineering, luate Academic Studies		
4.	M2523	IC Eng	jine Equipm	nent			S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
5.	M302	Funda	mentals of	IC Engines			chanization and Construction Engineering, luate Academic Studies		
6.	S0I241	Interna	al Combusti	on Engines		(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies		
7.	M2514	Simula	ation and de	esign of IC engines		(M22)Mee Academic	chanization and Construction Engineering, Master Studies		
8.	M2519	IC Eng	jines and V	ehicle Testing		(M22)Meo Academic	chanization and Construction Engineering, Master Studies		
9.	M2553	Select	ed Chapter	s of IC Engines and Motor	r Vehicles	(M22)Mee Academic	chanization and Construction Engineering, Master Studies		
10.	LIM14	Monito	oring and Di	agnostics of Transportation	on Means	(LIM) Logi Academic	istic Engineering and Management, Master Studies		
11.	H797	Mecha	tronics in n	nechanization - advanced	topics	(H00) Mea	chatronics, Master Academic Studies		
12.	DM420	Select	ed Chapter	s – Internal Combustion (I	IC) Engines	(M00) Me	chanical Engineering, Doctoral Academic Studies		
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.				of a new IC engine conce ISSN 0354-9836.	ept with variable	e piston mot	tion, Thermal Science, 2012, doi:		
2.	Dorić L Klinar L. Efficiency characteristics of a new Quasi Constant Volume Combustion shark ignition engine. Thermal Science								
3.			The realis		ew thermodyna	mic cycle fo	r internal combustion engine, Thermal Sciencel,		
4.				bezventilski motor SUS s 8, str. 1639-1640, ISBN 0			nog tela, Beograd, Zavod za intelektualnu svojinu		
5.	Dorić J., 104, ISSI			Constant Volume Combu	stion Cyle for I	C Engines, F	FME Transactions, 2011, Vol. 29, No 3, pp. 97-		
6.				 J.: Uporedni prikaz dva a IK-14 - Istraživanje i razvo 			isanja polarnog dijagrama opterećenja glavnih 3-10, ISSN 0354-6829.		
7.	Nikolić N	., Torovi	ć T., Anton		nm for Obtainin	g Conditiona	al Wear Diagram of IC Engine Crankshaft Main		
8.	Dorić J.,	Klinar I.:	Efficiency		with more com		sion, 1. International Conference on Innovative		
9.	Dorić J., ACTUAL	Klinar I., TASKS	, Nikolić N., ON AGRIC	Stojić B.: Use of natural	gas in agricultu		ery, 39. 39th INTERNATIONAL SYMPOSIUM: agrebu Agronomski Fakultet, Hrvatska, 22-25		
10.	Nikolić N	., Torovi	ć T., Anton	ić Ž., Dorić J.: A Compara			Determination of IC Engine Main Bearings, 7. aj, 2012, pp. 199-204, ISBN 978-86-7892-399-9.		
Sur				tific or art and professiona					
Quot	ation total :			0					

WTAS STUD		UNIVERSITY OF NO	VI SAD		WHKNX H
OR	FACULTY OF TECHNICAL SCI				
THE STATES	Study F	Programme A	ccreditatio	on	CAL CAL
PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	. No
Total of SCI(SSCI)) list papers :	3			
Current projects :		Domestic :	2	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame.			Đurić M. Niko	la		
Name and last name: Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and							nces - Novi Sad	
starting date:					01.10.1997			
Scientific or art field:					Theoretical Electrotechnics			
	emic caries		Year	Institution	Field			
Acad	emic title el	lection:	2010	Faculty of Technical Sci	ences - Novi S	ad	Theoretical Electrotechnics	
	thesis		2009	Faculty of Technical Sci			Electrical and Computer Engineering	
Magi	ster thesis		2003	Faculty of Technical Sci		es - Novi Sad Electrical and Computer Engineering		
	elor's thesis	S	1997	Faculty of Technical Sci				
List c	of courses b	eing he	ld by the te	acher in the accredited stu				
	ID	Course	e name			Study pro	gramme name, study type	
1.	E216	Funda	mentals of	Electrical Engineering		Académic	ver Software Engineering, Undergraduate	
2.	EE300	Electro	omagnetics				er, Electronic and Telecommunication g, Undergraduate Academic Studies	
3.	H104	Funda	mentals of	Electrical Engineering 1		(H00) Med	chatronics, Undergraduate Academic Studies	
4.	H108	Funda	mentals of	Electrical Engineering 2		(H00) Med	chatronics, Undergraduate Academic Studies	
						Undergrad	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies	
					Académic			
5.	M112	Electrical Engineering and Electric Machines			S	Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
						Studies	duction Engineering, Undergraduate Academic	
						Academic		
						Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
6.	E105	Funda	mentals of	Electrical Engineering 1		Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						Undergrad	asurement and Control Engineering, uate Academic Studies	
7.	E110	Fundamentals of Electrical Engineering 2			Engineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies		
						Undergrad	asurement and Control Engineering, uate Academic Studies	
8.	BMI94	Funda	mentals of	Electrical Engineering		Studies	medical Engineering, Undergraduate Academic	
9.	DE416S	Investi	gation of el	ectromagnetic fields		Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
10.	DE517S	Techn	ology of ma	gnetic and optical data sto	orage	Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
11.	EE543	Electro	o Magnetic	Energy		Èngineerin	er, Electronic and Telecommunication g, Master Academic Studies	
12.	E1IEP	Invot	nation of o	ectromagnotic fields		(MR0) Me Academic	asurement and Control Engineering, Master Studies	
12.		investi	yauon or er	ectromagnetic fields			er, Electronic and Telecommunication g, Master Academic Studies	
13.	H799	Fieldb	uses and pi	rotocols		(H00) Med	chatronics, Master Academic Studies	
14.	H845	Motion	o control				chatronics, Master Academic Studies strial Engineering, Master Academic Studies	
15.	DE416	Investi	gation of el	ectromagnetic fields		(E10) Pow	ver, Electronic and Telecommunication g, Doctoral Academic Studies	

ARSI &	TAS STUDIO	FACULTY OF TECHNICAL SC	UNIVERSITY OF NO		EJA OBRADOVIĆA 6	ATTIMUKKAX MALE			
ND . NEOT	ANTER	Study F	Programme A		DN nd Transport Engineering	Total Carl			
List c	of courses b	being held by the teacher in the accre	dited study programme	es					
	ID	Course name		Study program	me name, study type				
16.	DE517	Technology of magnetic and optical	data storage		lectronic and Telecommun ctoral Academic Studies	ication			
Rep	oresentative	e refferences (minimum 5, not more th	nan 10)						
1.		Despotović M. : Application of MTR s Proceedings in Engineering Science				is, Sadhana -			
2.		Nađ L., Damnjanović M., Đurić N., Ži pnal, 2011, Vol. 28, No 1, pp. 41-49, I		blication of planar	type meander sensors, Mi	icroelectronics			
3.		Kavecan N.: Internet Portal of the SE nces in Future Internet - AFIN, Rim, 1							
4.		Kavečan N., Kljajić D.: The EM Field um on Intelligent systems and Informa							
5.		Šenk V.: The MAP Implementation i um - EMS, Malta, 14-16 Novembar, 2				pean Modeling			
6.	Đurić N., Prša M., Kasaš-Lažetić K.: Information Network for Continuous Electromagnetic Fields Monitoring, International Journal of Emerging Sciences - IJES, 2011, Vol. 1, No 4, pp. 516-525, ISSN 2222-4254								
7.		Vukobratović B., Đurić N.: Monitoring of EMF with SEMONT system, 6. International PhD Seminar on Computational electromagnetics and bioeffects of electromagnetic fields – CEMBEF, Novi Sad, 28-30 Jun, 2012, pp. 63-66, ISBN 978-86-7892-							
8.		 Durić N., Herceg D.: Serbian Laws International Conference on App 							
9.	10. Interr	Prša M., Kasaš-Lažetić K., Bajović V national Conference on Telecommuni 2011, pp. 701-704, ISBN 978-1-4577	cations in Modern Sate						
10.	Conferer	Šenk V., Vasić B.: MAP Decoding of ice on Telecommunications in Modern ISBN 978-1-4577-2018-5							
Sur	nmary data	for teacher's scientific or art and prof	essional activity:						
	ation total :		0						
Total	of SCI(SS	CI) list papers :	2			_			
Curre	ent projects		Domestic :	3	International :	2			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Gak M. Dragana Academic title: Lecturer Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: English Academic title election: 2008 Faculty of Entrepreneurial Management - Novi Sad English Magister thesis 2010 Faculty of Philosophy - Novi Sad English and Ameri Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes Study programme name, study 1. AEJ2L English Language - Elementary (A00) Architecture, Undergrad 2. AEJ2L English Language intermediate (A00) Architecture, Undergrad 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergrad 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad 4. AEJ3Z E	y type uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: English Academic carieer Year Institution Field Academic title election: 2008 Faculty of Entrepreneurial Management - Novi English Magister thesis 2010 Faculty of Philosophy - Novi Sad English and Ameri Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrady 3. AEJ2Z English intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 6. (G00) Civil Engineering, Undergrady (M30) Energy and Process English Cademic Study	y type uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
starting date: 16.09.2009 Scientific or art field: English Academic carieer Year Institution Field Academic title election: 2008 Faculty of Entrepreneurial Management - Novi Sad English Magister thesis 2010 Faculty of Philosophy - Novi Sad English and Ameri Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrady 2. AEJ2L English intermediate (A00) Architecture, Undergrady 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (M20) Mechanization and Cor 0. Undergraduate Academic Study (M30) Energy and Process Error	y type uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
Scientific or art field: English Academic carieer Year Institution Field Academic title election: 2008 Faculty of Entrepreneurial Management - Novi Sad English Magister thesis 2010 Faculty of Philosophy - Novi Sad English and Ameri Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrady 2. AEJ2L English Language intermediate (A00) Architecture, Undergrady 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady (G00) Civil Englineering, Undergrady (M20) Mechanization and Cor Undergrady (M30) Energy and Process Error (M30) Energy and Process Error English Care	y type uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
Academic carieer Year Institution Field Academic title election: 2008 Faculty of Entrepreneurial Management - Novi English Magister thesis 2010 Faculty of Philosophy - Novi Sad English and Ameri Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrady 2. AEJ2L English intermediate (A00) Architecture, Undergrady 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady (G00) Civil English Language - upper intermediate (A00) Architecture, Undergrady (M20) Mechanization and Cor Undergrady (M30) Energy and Process Er	y type uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
Academic title election: 2008 Faculty of Entrepreneurial Management - Novi Sad English Magister thesis 2010 Faculty of Philosophy - Novi Sad English and Ameri Bachelor's thesis Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes English English ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrady 2. AEJ2L English intermediate (A00) Architecture, Undergrady 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady (G00) Civil Engineering, Undergrady (M30) Mechanization and Cor Undergrady and Process Er	y type uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
Sad Sad Magister thesis 2010 Faculty of Philosophy - Novi Sad English and Ameri Bachelor's thesis 2000 Faculty of Philosophy - Novi Sad English List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrady 2. AEJ2L English Language intermediate (A00) Architecture, Undergrady 3. AEJ2Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady (G00) Civil Engineering, Undergrady (M30) Mechanization and Corry Undergrady (M30) Energy and Process Erry (M30) Energy and Process Erry Erry	y type uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrady 2. AEJ2L English Language intermediate (A00) Architecture, Undergrady 3. AEJ2Z English intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrady 6 (G00) Civil Engineering, Undergrady (G00) Civil Engineering, Undergrady 6 (M30) Benergy and Process Erry (M30) Energy and Process Erry	uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
ID Course name Study programme name, stud 1. AEJ1L English Language - Elementary (A00) Architecture, Undergrad 2. AEJ2L English Language intermediate (A00) Architecture, Undergrad 3. AEJ2Z English intermediate (A00) Architecture, Undergrad 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad (G00) Civil Engineering, Undergrad (G00) Civil Engineering, Undergrad (M20) Mechanization and Corr (M30) Energy and Process Err (M30) Energy and Process Err (M30) Energy and Process Err	uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
1. AEJ1L English Language - Elementary (A00) Architecture, Undergrad 2. AEJ2L English Language intermediate (A00) Architecture, Undergrad 3. AEJ2Z English intermediate (A00) Architecture, Undergrad 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad (G00) Civil Engineering, Undergrad (G00) Civil Engineering, Undergrad (M20) Mechanization and Corr Undergraduate Academic Stude (M30) Energy and Process Err	uate Academic Studies uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
2. AEJ2L English Language intermediate (A00) Architecture, Undergrad 3. AEJ2Z English intermediate (A00) Architecture, Undergrad 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad (G00) Civil Engineering, Undergrad (G00) Civil Engineering, Undergrad (M20) Mechanization and Corr Undergraduate (M30) Energy and Process Err	uate Academic Studies uate Academic Studies uate Academic Studies rgraduate Academic Studies
3. AEJ2Z English intermediate (A00) Architecture, Undergrad 4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad (G00) Civil Engineering, Undergrad (G00) Civil Engineering, Undergrad (M20) Mechanization and Cor Undergraduate Academic Study (M30) Energy and Process Er	uate Academic Studies uate Academic Studies rgraduate Academic Studies
4. AEJ3Z English Language - upper intermediate (A00) Architecture, Undergrad (G00) Civil Engineering, Undergraduate (M20) Mechanization and Corr Undergraduate Academic Study (M30) Energy and Process Err	uate Academic Studies rgraduate Academic Studies
(G00) Civil Engineering, Unde (M20) Mechanization and Cor Undergraduate Academic Stud (M30) Energy and Process Er	rgraduate Academic Studies
(M20) Mechanization and Cor Undergraduate Academic Stud (M30) Energy and Process Er	-
Undergraduate Academic Stud (M30) Energy and Process Er	atruction Engineering
Academic Studies	
5. EJ01L English Language – Elementary (M40) Technical Mechanics a	
(P00) Production Engineering Studies	Undergraduate Academic
(S00) Traffic and Transport En Academic Studies	gineering, Undergraduate
(S01) Postal Traffic and Telec Undergraduate Academic Stud	ies
(E10) Power, Electronic and T Engineering, Undergraduate A	cademic Studies
(F00) Graphic Engineering an Academic Studies	d Design, Undergraduate
(MR0) Measurement and Con Undergraduate Academic Stud	
6. EJ01Z English Language - Elementary (Z01) Safety at Work, Underg	aduate Academic Studies
(ZC0) Clean Energy Technolo Academic Studies	gies, Undergraduate
(ZP0) Disaster Risk Managem Undergraduate Academic Stud	
(Z20) Environmental Engineer Studies	ng, Undergraduate Academic
(E10) Power, Electronic and T Engineering, Undergraduate A	
(F00) Graphic Engineering an Academic Studies	d Design, Undergraduate
(M20) Mechanization and Cor Undergraduate Academic Stud	
7. EJ02L English Language – Pre-Intermediate (MR0) Measurement and Con Undergraduate Academic Stude Undergraduate Academic Stude	
(Z01) Safety at Work, Underg	aduate Academic Studies
(ZC0) Clean Energy Technolo Academic Studies	gies, Undergraduate
(ZP0) Disaster Risk Managem Undergraduate Academic Stud	
(Z20) Environmental Engineer Studies	ng, Undergraduate Academic

SITAS STUD

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

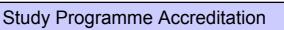
UNDERGRADUATE ACADEMIC STUDIES

			programmes

List o	List of courses being held by the teacher in the accredited study programmes									
	ID	Course name	Study programme name, study type							
			(I10) Industrial Engineering, Undergraduate Academic Studies							
8.	EJ02Z	English Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies							
0.	LJUZZ	Linglish Language – Fre-Internetiate	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies							
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies							
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies							
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies							
9.	EJ03Z	English Language - Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies							
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies							
			(Z20) Environmental Engineering, Undergraduate Academic Studies							
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies							
	EJ04L		(Z01) Safety at Work, Undergraduate Academic Studies							
10.		English Language – Upper Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies							
			(Z20) Environmental Engineering, Undergraduate Academic Studies							
			(E20) Computing and Control Engineering, Undergraduate Academic Studies							
			(ES0) Power Software Engineering, Undergraduate Academic Studies							
		English Language - Elementary	(F10) Engineering Animation, Undergraduate Academic Studies							
11.	EJ1Z		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies							
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies							
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies							
			(AH0) Architecture, Master Academic Studies							
			(E20) Computing and Control Engineering, Undergraduate Academic Studies							
			(F10) Engineering Animation, Undergraduate Academic Studies							
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies							
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies							
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6





UNDERGRADUATE ACADEMIC STUDIES

List o	List of courses being held by the teacher in the accredited study programmes									
	ID	Course name	Study programme name, study type							
			(E20) Computing and Control Engineering, Undergraduate Academic Studies							
			(ES0) Power Software Engineering, Undergraduate Academic Studies							
			(F10) Engineering Animation, Undergraduate Academic Studies							
13.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies							
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies							
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies							
			(AH0) Architecture, Master Academic Studies							
			(E20) Computing and Control Engineering, Undergraduate Academic Studies							
			(F10) Engineering Animation, Undergraduate Academic Studies							
14.	EJ3L	English Language – Advanced	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies							
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies							
			(SEL) Software Engineering and Information Technologies Loznica, Undergraduate Academic Studies							
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies							
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies							
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies							
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies							
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies							
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies							
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies							
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies							
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies							
23.	EJM	English Language – ESP Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies							
23.	LJIVI	Lingiish Language - LOF Coulse	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies							
			(P00) Production Engineering, Undergraduate Academic Studies							
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies							
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies							
26.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies							
27.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies							
28.	ISIT01	English Language 1	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies							
29.	ISIT07	English Language 2	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies							
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies							



List of

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

urses being held by the teacher in the accredited study programmer

ID Course name Study programme name, study type 31. AS1431 English Language 2 (AS0) Scenic Architecture, Technique and Design, Intergranduate Academic Studies 32. BMB0 English 1 (BM0) Biomedical Engineering, Undergraduate Academic Studies 33. BMIE1 English 2 (BM0) Biomedical Engineering, Undergraduate Academic Studies 34. E.JIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Academic Studies 35. E.JIIZ English Language - Elementary (ES0) Power Software Engineering, Undergraduate Academic Studies 36. E.JIZ English Language - Elementary (CI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. E.JIZ English Language - Elementary (ES0) Power Software Engineering, Undergraduate Academic Studies 38. E.JIZ English Language - Elementary (E0) Geodesy and Geomatics, Undergraduate Academic Studies 39. E.JIZ English Language - Intermediate (E0) Computing and Control Engineering, Undergraduate Academic Studies 39. E.JIZ English Language - Intermediate (E0) Goodesy and Geomatics, Undergraduate Academic Studies 39. E.JIZ	List c	ist of courses being held by the teacher in the accredited study programmes									
31. Paylesia English 1 Undergraduate Academic Studies 32. BMB0 English 1 (BM0) Biomedical Engineering, Undergraduate Academic Studies 33. BM161 English 2 (BM0) Biomedical Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Academic Studies 35. EJIZ English for Specific Purposes (120) Engineering Management, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (100) Godosy and Control Engineering, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (100) Godosy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (100) Godosy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (100) Godosy and Engineering and Information Technologies, Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (100) Godosy and Geomatics, Undergraduate Academic Studies 37. eja English Language - Intermediate (100) Godosy and Geomatics, Undergraduate Academic Studies 38. EJIZZ English Language - Advanced (140) Architect		ID	Course name	Study programme name, study type							
32. BMIO English 1 Studies 33. BMIB1 English 2 [BM0] Bibmedical Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes [110) Industrial Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes [120) Industrial Engineering, Undergraduate Academic Studies 35. EJIZ English Language - Elementary [(10) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary [(10) Geodesy and Geomatics, Undergraduate Academic Studies 37. EJIZ English Language - Elementary [(10) Geodesy and Geomatics, Undergraduate Academic Studies 38. EJIZ English Language - Elementary [(20) Geodesy and Geomatics, Undergraduate Academic Studies 39. EJIZ English Language - Elementary [(20) Geodesy and Geomatics, Undergraduate Academic Studies 30. EJIZ English Language - Intermediate [(20) Geodesy and Geomatics, Undergraduate Academic Studies 31. EJIZ English Language - Intermediate [(20) Geodesy and Geomatics, Undergraduate Academic Studies 32. EJIZ English Language - Advanced [(20) Geodesy and Geomatics, Undergraduate Academic Studi	31.	ASI431	English Language 2								
3.5. Buildin English 2 Studies 34. EJIIM English for Specific Purposes (110) Industrial Engineering, Undergraduate Academic Studies 34. EJIIM English for Specific Purposes (100) Industrial Engineering, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (100) Ecologies, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (100) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (100) Geodesy and Geomatics, Undergraduate Academic Studies 37. EJIZ English Language - Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 38. EJIZ English Language - Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 39. EJIZZ English Language - Intermediate (E30) Power Software Engineering, Undergraduate Academic Studies 37. eja English Language - Avonced (E10) Power, Econate Engineering and Information Technologies - Lornica, Undergraduate Academic Studies 38. EJEZ English Language - Avonced (E10) Power, Econate Engineering and Information Technologies - Lornica, Undergraduate Academic Studies 39. F607	32.	BMI80	English 1								
34. EJIIM English for Specific Purposes Studies 120 English for Specific Purposes (E20) Engineering Management, Undergraduate Academic Studies 35. EJIZ English Language - Elementary (E20) Computing and Control Engineering, Undergraduate Academic Studies 36. EJIZ English Language - Elementary (10) Geodesy and Geomatics, Undergraduate Academic Studies 37. English Language - Intermediate (E20) Computing and Control Engineering, untiformation Technologies, Undergraduate Academic Studies 38. EJIZ English Language - Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 36. EJIZ English Language - Intermediate (E00) Computing and Control Engineering, Undergraduate Academic Studies 37. eigits Language - Intermediate (G10) Geodesy and Geomatics, Undergraduate Academic Studies 38. EJZZ English Language - Intermediate (G10) Geodesy and Geomatics Studies 39. F507 English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F507 English Language or GRID 3 (F00) Graphic Engineering and Information Technologies, Undergraduate Academic Studies 39.	33.	BMI81	English 2								
35. E.J1Z English Language - Elementary (E20) Computing and Control Engineering, Undergraduate Academic Studies 35. E.J1Z English Language - Elementary (E10) Geodesy and Geomatics, Undergraduate Academic Studies 35. E.J1Z English Language - Elementary (SI0) Geodesy and Geomatics, Undergraduate Academic Studies 36. E.J1Z English Language - Elementary (SI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. (SE1) Software Engineering and Information Technologies, Undergraduate Academic Studies (E30) Computing and Control Engineering, Undergraduate Academic Studies 38. E.J2Z English Language - Intermediate (E30) Fower Software Engineering and Information Technologies, Undergraduate Academic Studies 38. E.J2Z English Language - Intermediate (E30) Fower Software Engineering and Information Technologies, Undergraduate Academic Studies 39. F507 English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F507 English Language - Advanced (E10) Power, Electronic and Telecommunication Echnologies, Undergraduate Academic Studies 39. F507 English Language or GRID 3 (NT1) Industrial Engineering and Information Technologies, Undergraduate Academic Studies <td>34.</td> <td>EJIIM</td> <td>English for Specific Purposes</td> <td>Studies (120) Engineering Management, Undergraduate Academic</td>	34.	EJIIM	English for Specific Purposes	Studies (120) Engineering Management, Undergraduate Academic							
35. EJ12 English Language - Elementary (F10) Engineering Animation, Undergraduate Academic Studies 35. EJ12 English Language - Elementary (G10) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJ12 English Language - Intermediate (G10) Coordesy and Information Technologies - Lozmica, Undergraduate Academic Studies 37. EJ22 English Language - Intermediate (E30) Software Engineering and Information Technologies - Lozmica, Undergraduate Academic Studies 38. EJ22 English Language - Intermediate (G10) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJ27 English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F607 English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F507 English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F607 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 39. F507 English Language for GRID 3 (NI1) Industrial Engineering - Advanced Engineering - Advanced Engineering - Advanced Engineering				(E20) Computing and Control Engineering, Undergraduate							
35. EJ1Z English Language - Elementary Studies 36. EJ1Z English Language - Elementary (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. (EJ1Z) English Language - Intermediate (ES1) Software Engineering and Information Technologies, Undergraduate Academic Studies 36. EJ2Z English Language - Intermediate (ES0) Power Software Engineering, Undergraduate Academic Studies 36. EJ2Z English Language - Intermediate (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language - Avanced (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies 37. eja English Language - Avanced (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 38. EJ2Z English Language - Avanced (E10) Prower, Electronic and Information Technologies, Undergraduate Academic Studies 39. F567 English Language - Avanced Englineering, Master Academic Studies 39. F567 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 39. F567 English Language for GRID 3 (F00) Graphic Engineering - Advanced Engineering 39. F567 English Language for GRI											
Studies Studies Studies (SE0) Software Engineering and Information Technologies. Undergraduate Academic Studies (SE1) Software Engineering and Information Technologies. Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies 36. EJZZ English Language – Intermediate (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJZZ English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 39. F507 English Language - a Specialized Course (AH0) Architecture, Master Academic Studies 39. F507 English Language or GRID 3 (F10) Power, Electronic and Telecommunication Engineering. Master Academic Studies 39. F507 English Language for GRID 3 (F10) Corphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies 2 Gak Dragana, Lorein Hansberi (difo) americka porodica, Zadužbina Andrejević,											
Image: Standard	35.	EJ1Z	English Language - Elementary								
Image: State Stat				(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies							
36. EJ2Z English Language – Intermediate (E20) Computing and Control Engineering, Undergraduate Academic Studies 36. EJ2Z English Language – Intermediate (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJ2Z English Language – Intermediate (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJ27 English Language - Advanced (E10) Power, Electronic and Telecommunication 39. F507 English Language for GRID 3 (F00) Graphic Engineering - Advanced Engineering 40. NIT03 Business English (NIT0) Industrial Engineering - Advanced Engineering 2 Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 Gak Dragana, Bulatović Vesna, Rogdanović Vesna, Nastava stranih jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jzik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3 Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jzik struke: Teorija i p											
36. EJ2Z English Language – Intermediate (ES0) Power Software Engineering, Undergraduate Academic Studies 36. EJ2Z English Language – Intermediate (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 36. EJ2Z English Language – Intermediate (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJ27 English Language - Advanced (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies 22 Cak Dragana, Lorejn Hansberi i (afro) američka pordica, Zadužbina Andrejević, Beograd, 2012 Cak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 33. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radov				(AH0) Architecture, Master Academic Studies							
36. E.J2Z English Language – Intermediate (F10) Engineering Animation, Undergraduate Academic Studies 36. E.J2Z English Language – Intermediate (G10) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. E.JE7 English Language – Advanced (E10) Power, Electronic and Telecommunication Engineering Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering - Advanced Engineering - Technologies, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering - Advanced Engineering - Advanced Engineering - Advanced Engineering - Technologies, Master Academic Studies 1 Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2 2 Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3 Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Na											
36. EJ2Z English Language – Intermediate Studies 36. EJ2Z English Language – Intermediate (GI0) Geodesy and Geomatics, Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJE7 English Language - Advanced [E10] Power, Electronic and Telecommunication Engineering and Design, Master Academic Studies 39. F507 English Language for GRID 3 (NIT) Industrial Engineering - Advanced Engineering 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering 7 Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2 Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3 Bulatović Vesna, Bogdanović Vesna, Sudana simbolika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3 Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državno											
Studies Studies Studies (SEC) Software Engineering and Information Technologies, Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJE7 English Language - Advanced (P10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies 42. Representative refferences (minimum 5, not more than 10) 1 Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2 Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3 Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 205-709, Beograd, 2009. 3 Bulatović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pa											
Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AHO) Architecture, Master Academic Studies 38. EJE7 English Language – a Specialized Course (AHO) Architecture, Master Academic Studies 39. F507 English Language or GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies (NIT) Industrial Engineering - Advanced Engineering 40. NIT03 Business English 7 Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2 Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3 Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 5 Gak Dragana, Bordanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. 4 Bogdanović Vesna, Gak Dragana, Speaking Skills: Advantages and Pro	36.	EJ2Z	English Language – Intermediate								
Image: Second State State State Loznica, Undergraduate Academic Studies 37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJET English Language - Advanced (E10) Power, Electronic and Telecommunication English Language or GRID 3 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies 7 Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 31. Bogdanović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 32. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 5. Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011.				(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies							
37. eja English Language – a Specialized Course (AH0) Architecture, Master Academic Studies 38. EJE7 English Language - Advanced (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2. Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. 4. Bogdanović Vesna, Gak Dragana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 380-885, Beograd, 2011. 5. Gak Dragana, Borković Bojana, Needs Analysis: A dsasis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke											
38. EJE7 English Language - Advanced E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2. Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. 4. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 5. Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. 6. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbor				(AH0) Architecture, Master Academic Studies							
38. EJE/7 English Language - Advanced Englineering, Master Academic Studies 39. F507 English Language for GRID 3 (F00) Graphic Engineering and Design, Master Academic Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2. Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. 4. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 5. Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. 6. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezi	37.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies							
39. F507 English Language for GRD 3 Studies 40. NIT03 Business English (NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) 1. Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2. Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. 4. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 5. Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. 6. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. 7 Gak Dragana, Textbook - An Important Element in the Teaching Process, Met	38.	EJE7	English Language - Advanced								
40. Technologies, Master Academic Studies Representative refferences (minimum 5, not more than 10) Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 2. Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. 3. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. 4. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 5. Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. 6. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. 7 Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82,	39.	F507	English Language for GRID 3								
 Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012 Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82, 	40.	NIT03	Business English								
 Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 329-333, Beograd, 2009. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82, 	Rep	oresentative	e refferences (minimum 5, not more than 10)								
 Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009. Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str.329-333, Beograd, 2009. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82, 	1.	Gak Drag	gana, Lorejn Hansberi i (afro) američka porodica, Zadužbina	Andrejević, Beograd, 2012							
 međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str.329-333, Beograd, 2009. Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010 Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82, 	2.										
 broj 98, decembar , Pančevo, 2010 Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82, 	3.										
 ^{5.} međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011. 6. Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. 7 Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82, 	4.	Bogdano broj 98, c	vić Vesna, Gak Dragana, Univerzalana simbolika na primer lecembar , Pančevo, 2010	u afro-američke zajednice u drami Lorejn Hansberi, Sveske,							
 radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011. Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodički vidici, Filozofski fakultet Novi Sad, str.78-82, 	5.										
	6.										
	7.	Gak Drag	gana, Textbook - An Important Element in the Teaching Pro								



Current projects

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

Traffic and Transport Engineering

International :

UNDERGRADUATE ACADEMIC STUDIES Representative refferences (minimum 5, not more than 10) Gak Dragana, Questionnaire - an Instrument for Collecting Valuable Data from Teachers of Business English Courses, Zbornik radova sa međunarodne konferencije The Importance of Learning Professional Foreign Language for Communication Between 8 Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012 Mirović Ivana, Gak Dragana, Trust Me I'm an Engineer, Zbornik radova sa međunarodne konferencije The Importance of Learning 9 Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012. Summary data for teacher's scientific or art and professional activity: Quotation total : Total of SCI(SSCI) list papers :

Domestic :



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Georgijević S. Milosav			
Academic title:					Full Professor			
Name of the institution where the teacher works full time and					Faculty of Technical Sciences - Novi Sad			
					01.02.1977			
Scier	ntific or art f	ield:			Machine Con	structions, 7	Transport Systems and Logistics	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2000	University of Novi Sad -	Novi Sad		Machine Constructions, Transport Systems and Logistics	
PhD	thesis		1989	Faculty of Philosophy - N	Novi Sad		Machine Constructions, Transport Systems and Logistics	
Magi	ster thesis		1982	Faculty of Technical Sci	ences - Novi S	ad	Machine Constructions, Transport Systems and Logistics	
Bach	elor's thesis	6	1973	University of Novi Sad -	Novi Sad		Machine Constructions, Transport Systems and Logistics	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	H2463	Mecha	nization Ma	anagement		(H00) Mea	chatronics, Undergraduate Academic Studies	
2.	M2405		ouses and	•		(M20) Me	chanization and Construction Engineering, luate Academic Studies	
3.	M308	Engine	eering Logis	stics and Simulation			chanization and Construction Engineering, luate Academic Studies	
4.	S0218	Reload	d Logistics			(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies	
5.	S1218	Reload	d Logistics			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
6.	ZR407A	Occup wareh		ety in internal transport, rel	loading and	(Z01) Safety at Work, Undergraduate Academic Studies		
7.	M2528	Eurologistics				(M22) Mechanization and Construction Engineering, Master Academic Studies		
						(H00) Med	chatronics, Master Academic Studies	
8.	M2535	Logisti	c Processe	s Management		(M22) Mechanization and Construction Engineering, Master Academic Studies		
9.	LIM04	Interna	al Transport	and Storage		(LIM) Logistic Engineering and Management, Master Academic Studies		
10.	LIM06	Simula	ation and O	ptimization in Logistics		(LIM) Logi Academic	istic Engineering and Management, Master Studies	
11.	LIM15	Techn	ical Intralog	istics		(LIM) Logi Academic	istic Engineering and Management, Master Studies	
12.	LIM23	Logisti	c Centers			(LIM) Logi Academic	istic Engineering and Management, Master Studies	
13.	LIM27	Logisti	cs of Warel	housing and Commissioni	ng	(LIM) Logi Academic	istic Engineering and Management, Master Studies	
14.	LIM28	Intralo	gistic Syste	m Planning		(LIM) Logi Academic	istic Engineering and Management, Master Studies	
15.	LIM29	Simula	ation of Larg	ge Logistic Systems		(LIM) Logi Academic	istic Engineering and Management, Master Studies	
16.	H797	Mecha	tronics in m	nechanization - advanced	topics	(H00) Med	chatronics, Master Academic Studies	
17.	DM213			thods of Designing and M	lachine	(M00) Me	chanical Engineering, Doctoral Academic Studies	
18.	DM331	Constr Select Machir	ed Chapter	s in Transport and Constru	uction	(M00) Me	chanical Engineering, Doctoral Academic Studies	
19. DOM20 Engineering Analysis Methods				(M00) Mechanical Engineering, Doctoral Academic Studies				
20.	DOM27	Logisti	cs and Sim	ulation		(M00) Me	chanical Engineering, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
1.	Georgijev	/ic M.: A		von Rechenmodellen bei	der dynamisch	en Analyse	von Hebezeugen, dhf - deutsche hebe und	
2.	Georgijev	/ic M.: E	inwirkung c	ler konstruktiven Lösung ı	und Antriebsre	gulierung au	If Dynamik von Hafenhebezeugen, dhf-deutsche	
	hebe und fördertechnik, 1991. Nr. 6, s. 64-69							



3.

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering Representative refferences (minimum 5, not more than 10) Georgijevic M.: Einfluss der Wippantrieb-Regulierung auf Lastpendel und Dynamik von Wippdrehe Krannen, dhf - deutsche hebe und fördertechnik. 1992. Nr. 3. s. 74-81

_	und fordertechnik, 1992, Nr. 3, s. 74-81									
4.	Georgijevic M, Milisavljevic B.: Pendeln des Containers bei der Katzenbewegung der Portalkrane, dhf - deutsche hebe und fördertechnik, 1994, Nr.9, s. 41-47									
5.	Georgijevic M.: Zur Regelung und Steuerung bei Kranen, dhf- deutsche hebe und fördertechnik, Nr. 1/2-97, s. 58-64,									
6.	Georgijević M.: Using Simulation in Material F	Georgijević M.: Using Simulation in Material Flow Processes and Machine Design, Simulation News Europe, July 2002, p.18,19								
7.		M. Georgijevic, R. Kostic, Erhöhung der Lebensdauer von Fördermaschinen durch mechatronische Systeme, 30. Tagung DVM – Arbeitskreis Betriebsfestigkeit Mechatronik und Betriebsfestigkeit - Stuttgart, 8. und 9. Oktober, 2003, s.139-163 (Predavanje po pozivu)								
8.	Georgijevic M, Radanovic R.: Simulation komp Entscheidungshilfe: Neuere Werkzeuge und A 2004			•						
9.	Georgijevic M.: Fuzzy Control zur Regelung e	iner Krananlage, Erfol	gsbilanz fur Fuzzy	/ Logik, Ausgburg, 1992						
10.	Pap E, Bojanic V, Georgijevic M, Bojanic,: Ap Equipment Operation , ACTA POLYTECHNIC/				erminal					
Su	ummary data for teacher's scientific or art and professional activity:									
Quo	tation total :	0								
Tota	I of SCI(SSCI) list papers :	1								
Curr	ent projects :	Domestic :	2	International :	1					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Academic title:					Gilezan K. Silvia			
					Full Professor Faculty of Technical Sciences - Novi Sad			
Name of the institution where the teacher works full time and starting date:					01.04.1984			
Scientific or art field:					Mathematics			
	emic carie		Year	Institution	Mathematics		Field	
	emic title el		2005	Faculty of Technical Sci	ences - Novi Si	ad	Mathematics	
	thesis		1993	Faculty of Sciences - No			Mathematical Sciences	
	ster thesis		1988	Faculty of Mathematics			Mathematical Sciences	
	elor's thesis	<u></u>	1981	Faculty of Sciences - No	•		Mathematical Sciences	
				acher in the accredited stu		s		
						-		
	ID	Course	e name				gramme name, study type	
1.	GH404	Mathe	matical Stat	tistics			Engineering, Master Academic Studies	
\square	507			· · · · ·		, ,	Engineering, Undergraduate Academic Studies	
2.	GI303B	Probal	bility and Ma	athematical Statistics		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
3.	IAM003	Forma	l Mathemat	ical Models		(F10) Eng Studies	ineering Animation, Undergraduate Academic	
	S011	Matha	matics 1			(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
4.	5011	watrie	maucs 1				tal Traffic and Telecommunications, uate Academic Studies	
						(Z01) Safety at Work, Undergraduate Academic Studies		
5.	Z203	Statistical Methods				(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(110) Industrial Engineering, Undergraduate Academic Studies		
6.	IM1012	1012 Probability and Statistics				(I20) Engineering Management, Undergraduate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies		
7.	0M506	Semar	ntics of Prog	gramming Languages		(OM1) Mathematics in Engineering, Master Academic Studies		
8.	0M507	Logic i	n Compute	r Science		(OM1) Mathematics in Engineering, Master Academic Studies		
9.	0M513	Introdu	uction to Fu	nctional Programming Lar	nguages	(OM1) Ma Studies	thematics in Engineering, Master Academic	
10.	0ML506	Semar	ntics of prog	ramming languages		(OM1) Ma Studies	thematics in Engineering, Master Academic	
11.	0ML507	Logic i	n computer	science		(OM1) Ma Studies	thematics in Engineering, Master Academic	
12.	0ML513	Introdu	uction to Fu	nctional Programming Lar	nguages	(OM1) Ma Studies	thematics in Engineering, Master Academic	
							ver, Electronic and Telecommunication g, Specialised Academic Studies	
						(I12) Indus	strial Engineering, Specialised Academic Studies	
13.	DZ01MS	Selected Chapters in Mathematics				(I22) Engineering Management, Specialised Academic Studies		
				(Z00) Environmental Engineering, Specialised Academic Studies				
14.	GH404	Mathe	matical Stat	tistics		(G00) Civil Engineering, Master Academic Studies		
						(G00) Civil Engineering, Undergraduate Academic Studies		
15.	SD0M06	Logic i	n Compute	r Science		(GI0) Geo Studies	desy and Geomatics, Specialised Academic	

HASTAS STUDIORUM

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

held by the teacher in the accredited study programmes

List o	List of courses being held by the teacher in the accredited study programmes									
	ID	Course name	Study programme name, study type							
16.	MPK001	Statistical and Numerical Methods	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engledskom), Master Academic Studies							
17.	D0M05	Semantics of Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies							
18.	D0M06	Logic in Computer Science	(OM1) Mathematics in Engineering, Doctoral Academic Studies							
19.	D0M11	Models of Computation	(OM1) Mathematics in Engineering, Doctoral Academic Studies							
20.	D0M12	Introduction to Functional Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies							
21.	D0M13	Theory of Mobile Processes	(OM1) Mathematics in Engineering, Doctoral Academic Studies							
22.	D0M14	Process Algebra	(OM1) Mathematics in Engineering, Doctoral Academic Studies							
			(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies							
			(E20) Computing and Control Engineering, Doctoral Academic Studies							
			(F00) Graphic Engineering and Design, Doctoral Academic Studies							
			(F20) Engineering Animation, Doctoral Academic Studies							
			(G00) Civil Engineering, Doctoral Academic Studies							
			(GI0) Geodesy and Geomatics, Doctoral Academic Studies							
			(H00) Mechatronics, Doctoral Academic Studies							
23.	DZ01M	Selected Chapters in Mathematics	(120) Industrial Engineering / Engineering Management, Doctoral Academic Studies							
			(M00) Mechanical Engineering, Doctoral Academic Studies							
			(M40) Technical Mechanics, Doctoral Academic Studies							
			(OM1) Mathematics in Engineering, Doctoral Academic Studies							
			(S00) Traffic Engineering, Doctoral Academic Studies							
			(Z00) Environmental Engineering, Doctoral Academic Studies							
			(Z01) Safety at Work, Doctoral Academic Studies							
24.	AID05	Theory of Mobile Processes	(F20) Engineering Animation, Doctoral Academic Studies							
Rep	oresentative	e refferences (minimum 5, not more than 10)								
1.		tion in lambda calculus with intersection and union types", J	ournal of Logic and Computation 6 (1993) 671-685, Oxford							
2.		erizing strong normalization in the Curien-Herbelin symmetr erty, P.Lescanne) Theoretical Computer Science 2007	ic lambda calculus: extending the Coppo-Dezani heritage, (sa							
3.	"Separat 1363	ing Points by Parallel Hyperplanes " (sa J. Pantovic, J. Zuni	c), IEEE Transactions of Neural Networks 18(5) (2007) 1356-							
4.	"Lambda Program	terms for natural deduction, sequent calculus and cut eliminiming, 10 (2000) 121-134.	nation" (sa H.P.Barendregt), Journal of Functional							
5.	"Confluence of untyped lambda calculus via simple types" (with V.Kuncak), ICTCS"01, Lecture Notes in Computer Science 2201, 38-49.									
6.	"Full intersection types and topologies in lambda calculus", Journal of Computer and System Sciences, 62 (2001) 1-14.									
7.	"Behavio (2004) 49	ural inverse limit lambda models" (sa M. Dezani-Ciancaglin 9-74.	i, S. Likavec), Theoretical Computer Science Vol 316/1-3							
8.		normalization of the classical sequent calculus" (sa D. Doug 3835 (2005) 169-183.	herty, P. Lescanne, S.Likavec), Lecture Notes in Computer							
9.		types for dynamic web data" (sa M.Dezani-Ciancaglini, J. F Computer Science 4661 (2007) 263-280.	Pantovic), Trustworthy Global Computing, TGC"06, Lecture							
10.	Zbirka re	šenih zadataka iz statistike (sa Z.Lužanin, Z.Ovcin, Lj.Nedo	vić, T.Grbić, B.Mihailović) 2005							
Sur	nmary data	for teacher's scientific or art and professional activity:								
Quot	ation total :	325								
		I								

STAS STUD		WYKNX H			
OR	FACULTY OF TECHNICAL SCI				
A DOULT	Study F	Can Hotel			
TANTE	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	
Total of SCI(SSCI)) list papers :	17			
Current projects :		Domestic :	2	International :	4



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	o and last n	amo.			Gladović V E	Pavlo			
Name and last name: Academic title:					Gladović V. Pavle Full Professor				
				achor works full time and					
				tauner works full time and	15.02.2000				
Scientific or art field:					Transport Sys	stem Techn	ologies		
	emic carie		Year	Institution			Field		
	emic title e		2005	Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies		
	thesis		1994	Faculty of Transport and			Transport System Technologies		
FIID	110313		1994	Beograd Faculty of Transport and	Troffic Engine	oring			
	ster thesis		1986	Beograd Faculty of Transport and	-	-	Transport System Technologies		
	elor's thesis		1975	Beograd	-	-	Transport System Technologies		
List c	of courses b	eing ne	ld by the te	acher in the accredited stu	udy programme	es I			
	ID	Course	e name			Study pro	gramme name, study type		
						(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies		
1.	S0322	Road	Traffic Tech	nology			tal Traffic and Telecommunications, uate Academic Studies		
2.	S0327	Organ	ization of R	oad Traffic			ffic and Transport Engineering, Undergraduate		
							ffic and Transport Engineering, Undergraduate		
3.	S0I593	Syster	n of Public	Transportation of Goods		(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies			
4.	S0I591	S0I591 Quality System in Road Transport				(S00) Traffic and Transport Engineering, Master Academic Studies			
5.	LIM10	0 Transport Technologies I					LIM) Logistic Engineering and Management, Master cademic Studies		
6.	S0MJ1	NJ1 Informacioni sistemi u drumskom transportu			r	(S00) Trat Studies	ffic and Transport Engineering, Master Academic		
7.	S0MJ4	Planni	ng of Public	c transport		(S00) Traffic and Transport Engineering, Master Academic Studies			
8.	SDI6	Optimi	ization of th	e Goods Transportation F	Process	Studies	thematics in Engineering, Doctoral Academic ffic Engineering, Doctoral Academic Studies		
9.	SDI7	Passe	nger Trans	port Process Optimization		<u> </u>	ffic Engineering, Doctoral Academic Studies		
10.	DSSK6		-	an transport systems		<u> </u>	ffic Engineering, Doctoral Academic Studies		
				num 5, not more than 10)		<u>[(000)][</u>	the Engineering, Booteral Academic Station		
1.	Pavle Gla	adović, ⁻	Tehnologija	drumskog saobraćaja, F	FN, Novi Sad 2	003			
2.			0,	o j ·			avačko preduzeće PC Program, d.o.o., Beograd		
3.		adović, I	Vilan Sime	unović, Sistemi javnog aut	otransporta rol	be, FTN, No	vi Sad 2004		
4.			-				ko preduzeće PC Program, d.o.o., Beograd 1995		
5.			Stanislav G eograd 200		ćko Nijemčević	, Projektova	anje, proizvodnja i eksploatacija autobusa,		
6.				jović, Milomir Veselinović, Tehnika 5, 1999. god. str.		u oblasti ja	vnog gradskog putničkog prevoza u		
7.				tić, Milan Simeunović, Geo god. str.7-17	ometrijski mode	el upravljanja	a procesom preventivnog održavanja fuzzy		
8.	Pavle Gla	adović, I	Milica Miliči	ć, Milan Simeunović, Kval	itet usluge u dr	umskom tra	nsportu, Tehnika 3, 2004, str. 113-120		
9.				methodology for introduc			an urban public transport network, International 000		
10.	Pavle Gla	adović, I		ič, Drago Tošić, Troškovn			cijom linija u sistemu javnog masovnog transporta		
Sur	· ·			tific or art and professiona	activity:				
	ation total :			3	-				

STAS STUD		WYKNX H.			
A DA	FACULTY OF TECHNICAL SCI				
THE SEA	Study F	rogramme Accreditation			Con and the second
PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic an	nd Transport Engineering	Ho
Total of SCI(SSCI)) list papers :	15			
Current projects :		Domestic :	2	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Grah					Grahovaa M	Srahovac M. Nenad		
	e and last n	ane.			Grahovac M. Nenad Assistant Professor			
		titution v	where the te	acher works full time and		Faculty of Technical Sciences - Novi Sad		
	ng date:				29.12.2004			
	Scientific or art field: Me					Mechanics		
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title el	lection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanics	
PhD	thesis		2011	Faculty of Technical Sci			Mechanics	
Magi	ster thesis		2005	Faculty of Technical Sci	ences - Novi Sa	ad	Continuum Mechanics	
Bach	elor's thesis	s	2002	Faculty of Technical Sci	ences - Novi Sa	ad	Deformable Body Mechanics	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
						(A00) Arch	nitecture, Undergraduate Academic Studies	
1.	A207	Mecha	inics			(F10) Eng Studies	ineering Animation, Undergraduate Academic	
2	F104	Maaba	nico				ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	E104	Mecha					asurement and Control Engineering, uate Academic Studies	
3.	GG07	Mecha	nics 1			(G00) Civi	I Engineering, Undergraduate Academic Studies	
						(H00) Mechatronics, Undergraduate Academic Studies		
4.	H112	Mecha	nics 1 – Fu	ndamentals		(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
5.	H201	Mecha	nics 2 - Ge	neral		(H00) Mec	chatronics, Undergraduate Academic Studies	
6.	H303	Mecha	tronics 3 –	Further Chapters		(H00) Mec	chatronics, Undergraduate Academic Studies	
						Undergrad	chanization and Construction Engineering, uate Academic Studies ergy and Process Engineering, Undergraduate	
7.	M204	Streng	Strength of Materials			Academic		
						Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic		
						Studies		
8.	M4401	Contin	uum mecha	anics		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies		
9.	BMI127	Biomo	chanics			(BM0) Bio Studies	medical Engineering, Undergraduate Academic	
9.		Diome	Granica			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
10.	II1004	Mecha	nics and In	dustrial Engineering		(110) Indus Studies	strial Engineering, Undergraduate Academic	
11.	M44041	Dynam	nics of non-	smooth mechanical system	ms		hnical Mechanics and Technical Design, uate Academic Studies	
12.	M44061	Optimi	zation of m	echanical systems			nical Mechanics and Technical Design, uate Academic Studies	
13.	BMIM4A	Transp	port phenon	nena and Living systems		(BM0) Bio	medical Engineering, Master Academic Studies	
14.	M45991	Biome	chanics of o	cardiovascular system		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies	
15.	SZD051		ations of op nment prote	timal control theory in livir	ng	(Z00) Envi Studies	ironmental Engineering, Specialised Academic	
16.	DM801	Biome	dical mecha	anics		(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
						(H00) Mec	chatronics, Doctoral Academic Studies	
17.	DTM02	Theon	of impact			(M00) Mechanical Engineering, Doctoral Academic Studie		
'''			,			. ,	chnical Mechanics, Doctoral Academic Studies	
						(S00) Traffic Engineering, Doctoral Academic Studies		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	List of courses being held by the teacher in the accredited study programmes							
	ID	Course name		Study program	ne name, study type			
18.	DTM03	Biomechanical models and analysis	of impact	(M40) Technical Mechanics, Doctoral Academic Studies				
19.	ZRD16A	Selected chapters in mechanics and	l elasticity theory	(Z01) Safety at	Work, Doctoral Academic St	udies		
Rep	oresentative	refferences (minimum 5, not more th	nan 10)					
1.		c N., Žigić M., Spasić D.: On impact s 2012, Vol. 22, No 4, pp. 1-10, ISSN 0		nal and dry friction	n type of dissipation, INT J E	BIFURCAT		
2.		c N., Žigić M.: Modelling of the hamst ns, 2010, Vol. 59, No 5, pp. 1695-170		use of fractional d	erivatives, Computers and N	Aathematics with		
3.		nov V., Maretić R., Grahovac N.: Buo f Mechanics - A: Solids, 2009, Vol. 28			supported by Cardan joints	, European		
4.	N. M. Grahovac, M. M. Zigić, and D. T. Spasić: On multiple impacts with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 173- 180							
5.	5. Grahovac N., Žigić M: Fractional derivative viscoelastic model of the hamstring muscle group, 3rd IFAC Workshop on Fractional Differentiation and its Applications, Ankara, Turkey: 05-07 november, 2008							
6.	Žigić M., Grahovac N.: Dynamical behavior of a polymer gel during impact. Fractional derivative viscoelastic model, 3. International Congress of Serbian Society of Mechanics, Vlasinsko jezero, 5-8 Jul, 2011, pp. 871-878, ISBN 978-86-909973-3-6, UDK: 531/534(082)							
7.		c N., Žigić M., Spasić D.: On impact s I Differentiation and Its Applications, I			n type of dissipation, 4. IFA0	C Workshop on		
8.	Grahovac N.: Generalized Zener model in the analysis of free vibration of a viscoelastic oscillator, 2. International Congress of							
9.	Žigić M., Grahovac N., Spasić D.: A simplified earthquake dynamics of a column like structure with fractional type of dissipation , 1. International Congress of Serbian Society of Mechanics, Kopaonik: Serbian Society of Mechanics, 10-13 April, 2007, pp. 165- 172, ISBN 978-86-909973-0-5, UDK: 531/534(082)							
10.	 Kovinčić N., Žigić M., Grahovac N., Spasić D.: On Impact in Biomechanical Systems, International scientific conference on mechanics, 6. International Scientific Conference on Mechanics - Sixth Polyakhov's Reading, Saint Petersburg, 31-3 Januar, 2012, pp. 251-251, ISBN 978-5-91563-101-3 							
	,	for teacher's scientific or art and profe	, ,					
	ation total :		5					
	Total of SCI(SSCI) list papers : 3							
Curre	irrent projects : Domestic : 1 International : 0							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:			Ivanišević V.	Andrea				
Academi					Assistant Professor			
Name of	the inst	itution v	where the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting d	date:				01.10.2005			
Scientific	c or art fi	eld:			Production Sy	/stems, Org	anization and Management	
Academie	ic cariee	r	Year	Institution			Field	
Academi	ic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management	
PhD thes	sis		2011	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management	
Magister	r thesis		2008	Faculty of Technical Sci	ences - Novi Sa	ad	Engineering Management	
Bachelor	r's thesis	6	2005	Faculty of Economics - S	Subotica		Economic Science	
List of co	ourses b	eing hel	ld by the tea	acher in the accredited stu	udy programme	S		
ID)	Course	e name			Study pro	gramme name, study type	
1.	F108	Sociol	ogy of Cultu	ire		(F00) Gran Academic	phic Engineering and Design, Undergraduate Studies	
2.	M317	Econo	mv			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
		20010	····y			Undergrad	hnical Mechanics and Technical Design, uate Academic Studies	
3. 5	S002A	Econo	mics			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
4.	II121	Principles of economics				Undergrad	vare and Information Technologies (Indija), uate Professional Studies	
5.	II1047	Analysis and calculation of production costs			3	Studies	strial Engineering, Undergraduate Academic	
6. IN	M1004	Princip	les of econ	omics		Studies	neering Management, Undergraduate Academic	
		- 1-				(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
7. 10	M1014	Compa	any Econon	nics		(110) Indus Studies	strial Engineering, Undergraduate Academic	
						(120) Engineering Management, Undergraduate Academic Studies		
8. IN	M1047	Planni	ng and ente	erprises performance anal	ysis	(I20) Engineering Management, Undergraduate Academic Studies		
9. IN	M1422	Manag	jing the cos	t of production		(I20) Engin Studies	eering Management, Undergraduate Academic	
	MDS88	investr	ment cycle	ementing cost structure o		Studies	neering Management, Specialised Academic	
11. 2	Z513A			e environmental protectio			ronmental Engineering, Master Academic Studies	
12.	Z513	Ekono engles		a životne sredine(uneti na	ziv na	(Z20) Envir	ronmental Engineering, Master Academic Studies	
13. IN	M2122			ny profitability		(I20) Engin	eering Management, Master Academic Studies	
						(M50) Ene	ergy Management, Master Academic Studies	
14. IN	M2415	Investr	ment Envirc	onment		(OM1) Ma Studies	thematics in Engineering, Master Academic	
						(I20) Engineering Management, Master Academic Studies		
	M2417	Managing individual property					eering Management, Master Academic Studies	
	M2421	Manage the budget for development investme			ment		eering Management, Master Academic Studies	
17. IN	M2425	Economics of the Firm					ergy Management, Master Academic Studies	
18. IM	MDR88	Plannii investr	ng and impl nent cycle	ementing cost structure o	f the		strial Engineering / Engineering Management, cademic Studies	
Represe	entative	reffere	nces (minin	num 5, not more than 10)				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Rep	Representative refferences (minimum 5, not more than 10)							
1.	Leković B., Ivanišević A., Marić B., Demko-Rihter J.: ASSESSMENT OF THE MOST SIGNIFICANT IMPACTS OF ENVIRONMENT ON THE CHANGES IN COMPANY COST STRUCTURE, Economic Research, 2013							
2.	Milovanović Z.N., Knežević D., Ivanišević A., Jocanović M., Mitrović S.: ECONOMICAL EVALUATION OF THE PROJECT ON REPLACEMENT OF HEATING PLANT WITH CO-GENERATION HEAT AND POWER PLANT BY THE END OF 2030., Metalurgia International, 2013, No.4							
3.	Marić B., Ivanišević A.: THE EFFECT OF PERM Metalurgia International, 2013	MANENT WORKING	CAPITAL ON TH	E QUALITY OF INVES	STMENT PROJECTS,			
4.	Marić B., Ivanišević A., Mitrović S., Sreto A., Mi approach, African Journal of Business Manage				ynamic and static			
5.	Katić I, Ivanišević A., Penezić N., Lalić G., Tasić N.: EFFECTS OF FATIGUE TO OPERATIONAL PRODUCTIVITY WITH EMPLOYEES, Metalurgia International, 2013							
6.	Mitrović S., Milisavljević S., Ćosić I., Leković B., Grubić-Nešić L., Ivanišević A.: Change in leadership styles in a transitional economy: A serbian case study, African Journal of Business Management, 2011, Vol. 5, No 9, pp. 3563-3569, ISSN 1993-8233							
7.	Alpar Lošonc, Andrea Ivanišević, Slavica Mitrović "Globalizacija-rešenja i dileme" Monografija, Fakultet tehničkih nauka, Novic Sad, 2009. (ISBN 978-86-7892-207-7, COBISS.SR-ID 244134407. (1-263)							
8.	Lošonc (Losoncz) A., Ivanišević A., Mitrović S.: 1-232, ISBN 978-86-7892-375-3, UDK: 268964		orme i uzroci, Nov	<i>i</i> Sad, Fakultet tehnick	kih nauka, , 2012, str.			
9.	Razvoj sistema za planiranje praćenje i uskalđi okruženju, Fakultet tehničkih nauka Novi Sad, 2		nata poslovanja ir	ndustrijskog distema u	skaldu sa promena u			
10.	Lošonc A., Radivojević R., Ivanišević A., Pejić S.: TOYOTISM AS A BASIS FOR CORPORATE CULTURE AND WORK ORGANIZATIONS, 1st International Scientific Conference on Lean Tehnologies, Novi Sad, Sertember 2012., pp. 100-106							
Sur	mmary data for teacher's scientific or art and profe	essional activity:						
Quot	tation total :	0						
Tota	I of SCI(SSCI) list papers :	6		•				
Curre	ent projects :	Domestic :	3	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	Name and last name: Academic title:					Jovanović M. Dragan Associate Professor			
				a sha a su su sha ƙ 🛙 🖓	Associate Professor Faculty of Technical Sciences - Novi Sad				
	e of the insi ng date:	utution v	vnere the te	acher works full time and	15.12.1998				
	ntific or art f	ield:			Traffic Systems				
				Institution		Field			
	emic title e		2011	Faculty of Technical Sci	ences - Novi S	ad	Traffic Systems		
	thesis		2005	Faculty of Technical Sci			Traffic Systems		
	ster thesis		2003	Faculty of Technical Sci			Traffic Systems		
	elor's thesis	s	1998	Faculty of Technical Sci			Traffic Systems		
List c	of courses b	eina he		acher in the accredited stu					
			,		<u> </u>				
	ID	Course	e name				gramme name, study type		
1.	S0214	Regula	ations in the	Field of Traffic		Academic			
2.	S0331		Safety			(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies		
3.	ZRI422	Safety engine		ity at work in the field of tr	attic		ety at Work, Undergraduate Academic Studies		
4.	S052	Prever	ntion of Acc	idents		Studies	fic and Transport Engineering, Master Academic		
5.	S0I5B	Traffic	Safety Mea	asures		(S00) Traffic and Transport Engineering, Master Academic Studies			
6.	S0MI4S	Road infrastructure and road safety in urban a			n areas	(S00) Traffic and Transport Engineering, Master Academic Studies			
7.	SDI23	Traffic Safety Management				(S00) Traf	fic Engineering, Doctoral Academic Studies		
8.	SDI24	Road Safety Measures				(S00) Traf	fic Engineering, Doctoral Academic Studies		
9.	DSSB2	,					fic Engineering, Doctoral Academic Studies		
10.	ZRD235	Systemic regulation in the field of occupational sa and health			-	(Z01) Safe	ety at Work, Doctoral Academic Studies		
11.	ZRD239	field of	f traffic engi		it work in the	· ,	ety at Work, Doctoral Academic Studies		
12.	ZRDI7		i predmed §			(Z01) Safe	ety at Work, Doctoral Academic Studies		
Rep	presentative	e reffere	nces (minin	num 5, not more than 10)					
1.				ašić S.: The application of 246-1251, ISSN 0925-753		els in traffic	accident frequency analysis, Safety Science,		
2.	behaviou	r in traff		erbian drivers, Transporta			traits on driving-related anger and aggressive ffic Psychology and Behaviour, 2011, Vol. 14, No		
3.				vić D., Pešić D.: Impact of ays, 2011, Vol. 6, No 29,			law on the number of traffic casualties in Serbia, -2248		
4.				Stanojević D.: Motives for n International Journal, 20			ng-related anger and aggressive driving, Social 764, ISSN 0301-2212		
5.		motorcy					otives on risky behavior in traffic: Comparison /s, 2012, Vol. 7, No 10, pp. 1134-1140, ISSN		
6.				of ITS in Managing Traffi on of Slovenia, 23 Mart, 2			sportation, 17. Eletronics in Traffic, Ljubljana: \$2-8, UDK: 656:004.8		
7.	Bašić S., Bačkalić T., Jovanović D.: Temporal and time series forecasting as a tool for traffic safety analysis, 10. Međunarodni								
8.				ović J.: Program for advan nity, Novi Sad, 23-24 Apri			raffic, 1. Regional south-eastern Europe I 978-86-87497-02-3		
9.	lovanović D. Stanojević P. Safety of children in road traffic, 1. Perional south eastern Europe Conference on safe Community								
10.	Linovac K. Jovanović D. Nešić M. Jovanov D. Database of Black Spots on Main Roads in Serbia 4. IRTAD Conference. Seoul								
Sur	Summary data for teacher's scientific or art and professional activity:								
Quot	ation total :			0					
	· · · · · · · · · · · · · · · · · · ·								

SITAS STUD		WYKWX H			
OR	FACULTY OF TECHNICAL SC				
120000	Study F	Programme A	on	Con	
PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	S Traffic and Transport Engineering		
Total of SCI(SSCI)) list papers :	5			
Current projects :		Domestic :	1	International :	1



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Jović Đ. Mio						nira		
	e and last n	ane.			Jović Đ. Miomira Foreign Language Lecturer			
		itution v	vhere the te	acher works full time and	Faculty of Sciences - Novi Sad			
-	starting date:					01.09.2001		
Scier	ntific or art f	ield:			German			
Acad	emic carie	er	Year	Institution			Field	
Acad	emic title e	ection:	2005				German	
Bach	elor's thesis	S	1973				German	
List c	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F331	Germa	an Languag	e – LSP Course 2		(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(A00) Arch	nitecture, Undergraduate Academic Studies	
		German Language – Elementary					nic Architecture, Technique and Design, uate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	NJ01Z					(Z01) Safe	ety at Work, Undergraduate Academic Studies	
<u> </u>						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Academic Studies		
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(G00) Civi	I Engineering, Undergraduate Academic Studies	
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
							chnical Mechanics and Technical Design, uate Academic Studies	
	NUOO	0				(P00) Prod Studies	duction Engineering, Undergraduate Academic	
3.	NJ02L	Germa	in Languag	e – Pre-Intermediate		(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
							tal Traffic and Telecommunications, uate Academic Studies	
						-	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
						(Z20) Environmental Engineering, Undergraduate Acaden Studies		
4.	NJ05	Germa	an Languag	e for GRID 1		(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
5.	NJ06	Germa	an Languag	e for GRID 2		(F00) Graphic Engineering and Design, Undergraduate Academic Studies		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

0.0	(ANTE:	UNDERGRADUATE ACADEMIC :	STUDIES	Traffic and Transport Engineering		
List o	of courses b	eing held by the teacher in the accred	dited study programme	28		
	ID	Course name		Study programme name, study type		
				(E20) Computing and Control Engineering, Under Academic Studies	rgraduate	
				(F10) Engineering Animation, Undergraduate Academic Studies		
6.	NJ1L	German Language - Elementary		(GI0) Geodesy and Geomatics, Undergraduate A Studies	cademic	
				(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
				(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
7.	SSIP22	German Language for Engineers 1		(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies		
8.	NJ01Z	Nemački jezik - osnovni(uneti naziv	na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
9.	NJ02L	Nemački jezik - niži srednji(uneti naz	ziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
10.	F508	German Language for GRID 3		(F00) Graphic Engineering and Design, Master Academic Studies		
11.	nja	German Language in Architecture		(AH0) Architecture, Master Academic Studies		
Rep	oresentative	e refferences (minimum 5, not more th	an 10)			
Sur	nmary data	for teacher's scientific or art and prof	essional activity:			
	ation total :					
	Total of SCI(SSCI) list papers :			· · · · · · · · · · · · · · · · · · ·		
Curre	Current projects : Dome			International :		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Acade Name starting Scient Acade Acade PhD tr Magist Bache	ng date: tific or art f emic cariee emic title el hesis ter thesis elor's thesis	itution w ield: r	vhere the te Year	eacher works full time and		fessor	nces - Novi Sad	
Name starting Scient Acade Acade PhD th Magist Bache	e of the inst ag date: tific or art f emic cariee emic title el hesis ter thesis elor's thesis	ield: :r		eacher works full time and	Faculty of Teo		nces - Novi Sad	
starting Scient Acade Acade PhD th Magist Bache	ng date: tific or art f emic cariee emic title el hesis ter thesis elor's thesis	ield: :r				Faculty of Technical Sciences - Novi Sad		
Acade Acade PhD th Magist Bache	emic cariee emic title el hesis ter thesis elor's thesis	er	Year		01.11.1990			
Acade PhD th Magist Bache	emic title el hesis iter thesis elor's thesis		Year		Theoretical Electrotechnics			
PhD th Magist Bache	hesis iter thesis elor's thesis	ection:		Institution			Field	
Magist Bache	ter thesis		2010	Faculty of Technical Sci	ences - Novi Sa	ad	Theoretical Electrotechnics	
Bache	elor's thesis		2009	Faculty of Technical Sci	ences - Novi Sa	ad	Electrical and Computer Engineering	
			1994	School of Electrical Engi	ineering - Beog	ırad	Electrical and Computer Engineering	
List of	courses b	6	1990	Faculty of Technical Science	ences - Novi Sa	ad	Electrical and Computer Engineering	
		eing hel	ld by the te	acher in the accredited stu	idy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	EE300	Electro	omagnetics			Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
2.	EOS01	Funda	mental elec	trical engineering		Energy, Ur	ver Engineering - Renewble Sources of Electrical indergraduate Professional Studies	
3.	1087	Electric	cal Enginee	ering in Industrial Engineer	ring	Studies	desy and Geomatics, Undergraduate Academic	
						Undergrad	chanization and Construction Engineering, uate Academic Studies	
		Electrical Engineering and Electric Machine				Academic		
4.	M112				s	Undergrad	chnical Mechanics and Technical Design, uate Academic Studies	
					-	Studies	duction Engineering, Undergraduate Academic	
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
						Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
5.	Z107	Electric	cal Enginee	ering, Environment and Pro	otection		ety at Work, Undergraduate Academic Studies	
	2107	Liooun				(Z20) Environmental Engineering, Undergraduate Academic Studies		
6	11007	Fundo	montal alor	trical anaincoring		(110) Indus Studies	strial Engineering, Undergraduate Academic	
6.	II1007	rundal	mental elec	trical engineering		(ZC0) Clean Energy Technologies, Undergraduate Academic Studies		
7.	URZP12	Introdu	uction to ele	ectrical engineering		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
8.	DE208S	Selecte	ed Chapter	s on Electromagnetic Corr	npatibility	Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
9.	DE408S	Selecte	ed chapters	s inl electromagnetics		Èngineerin	ver, Electronic and Telecommunication g, Specialised Academic Studies	
10.	EE543		Magnetic			Engineerin	er, Electronic and Telecommunication g, Master Academic Studies	
11.	H799	Fieldbu	uses and pr	rotocols		, ,	chatronics, Master Academic Studies	
12.	DE208	Selecte	ed Chapter	s on Electromagnetic Corr	npatibility	Èngineerin	ver, Electronic and Telecommunication g, Doctoral Academic Studies	
13.	DE408	Selecte	ed Chapter	s in Electromagnetics			ver, Electronic and Telecommunication g, Doctoral Academic Studies	
Repr	resentative	reffere	nces (minin	num 5, not more than 10)				
1.	1. A. Juhas, L. A. Novak, "Comments on "Class-E, Class-C, and Class-F power amplifier based upon a finite number of harmonics"," IEEE Transactions of Microwave Theory and Techniques, vol. 57, no. 6, pp. 1623-1625, June 2009. ISSN 0018-9480.							
2.	2. A. Juhas, L. A. Novak, S. Kostić, "Signals with Flattened Extrema in Balance Power Analysis of HFHPTA: Theory and Applications", IEEE Transactions on Broadcasting, vol. 47, no. 1, pp.38-45, 2001. ISSN 0018-9316							
3.				has, "Increasing Efficiency ng, vol. 47, no. 1, pp.32-37			HPTA by Injection of Two Harmonics", IEEE	

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WYKNX H	
ALL CORUM		FACULTY OF TECHNICAL SC	ENCES 21000 NOVI	SAD, TRG DOSI	TEJA OBRADOVIĆA 6	STAT	
		Study F	Study Programme Accreditation				
.01	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HO	
Representative refferences (minimum 5, not more than 10)							
4.		A. Juhas, M. Milutinov,." A design c tronics and Energetics, 2009, Vol. 1				niversitatis -	
5.	L. A. Novak pp. E7-E10	k, A. Juhas, "O broju maksimuma u , 1994.	dvočlanim složenoper	iodičnim funkcijar	na: krive katastrofa", Elektr	otehnika, br. 1-2,	
6.	A. Juhas, M. Milutinov, M. Prša, "Magnetic field of multi-line power system", Scientific bulletin of the "Politehnica" University of Timisoara, Proceedings of the 7th Int. Power Systems Conf., Timisoara, Romania, 22-23 Nov. 2007, Tom 52, pp. 319-328. ISSN 1582-7194.						
7.		v, A. Juhas, M. Prša, "Electric and r s of the 2nd Int.I Conf. on Modern F -3323.					
8.		1. Milutinov, N. Pekarić-Nađ, "Iskust 0-77, 2011. ISSN 1820-7782	va u primeni nacional	nih pravilnika o ne	ejonizujućim zračenjima", To	elekomunikacije,	
9.		. Juhas, M. Milutinov, D. Herceg, M. Prša, N. Pekarić-Nađ, "Uređaj za generisanje homogenog magnetskog polja kontrolisanog itenziteta za potrebe biomagnetskih ekspreimenata", Tehničko rešenje, decembar 2010.					
10.	Proceeding	A. Juhas, N. Pekarić-Nađ, D. Herceg, "Estimation of Human Exposure to Combined RF EM Field of Multiple Antennas," Proceedings of International PhD Seminar on computational electromagnetics and optimization in electrical engineering – CEMOEE 2010, Sofia, Bulgaria, 10-13 Sep., 2010, pp. 27-31, ISBN 978-954-438-856-0					
	,	or teacher's scientific or art and prof	, ,				
	tation total :		5				
Total of SCI(SSCI) list papers :			3			1-	
Current projects :			Domestic :	1	International :	0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Katić M. Marina				
	e and last n	and.							
		itution	whore the t-	achor works full time and	Faculty of Technical Sciences - Novi Sad				
	Name of the institution where the teacher works full time and starting date:					Faculty of Technical Sciences - Novi Sad			
	Scientific or art field:			English					
	emic caries		Year	Institution			Field		
Acad	emic title el	ection:	2010	Faculty of Technical Sci	ences - Novi Sa	ad	English		
Mast	er's thesis		2009	Faculty of Philology - Be	ograd		English		
Magi	ster thesis		2006	Faculty of Philology - Be	eograd		Engineering Management		
Bach	elor's thesis	S	1987	Faculty of Philosophy - I	Novi Sad		English		
List o	of courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	gramme name, study type		
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies		
2.	AEJ2L			e intermediate		(A00) Arcl	nitecture, Undergraduate Academic Studies		
3.	AEJ2Z	Englis	h intermedia	ate		(A00) Arch	nitecture, Undergraduate Academic Studies		
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Arch	Architecture, Undergraduate Academic Studies		
						(G00) Civi	l Engineering, Undergraduate Academic Studies		
		EJ01L English Language – Elementary				(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies			
						(M30) Energy and Process Engineering, Undergraduate Academic Studies			
5.	EJ01L					(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
						(P00) Production Engineering, Undergraduate Academic Studies			
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies			
						(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies			
							ver, Electronic and Telecommunication g, Undergraduate Academic Studies		
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies		
							asurement and Control Engineering, uate Academic Studies		
6.	EJ01Z	Englis	h Language	e - Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies		
						(ZC0) Clean Energy Technologies, Undergraduate Academic Studies			
						(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies			
						(Z20) Environmental Engineering, Undergraduate Academic Studies			

AS STUDIORUM

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

666	ANTE	UNDERGRADUATE ACADEMIC STUDIES	I raffic and I ransport Engineering
List c	of courses b	eing held by the teacher in the accredited study programme	95
	ID	Course name	Study programme name, study type
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
7.	EJ02L	English Language – Pre-Intermediate	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(I10) Industrial Engineering, Undergraduate Academic Studies
0	EJ02Z	English Language Dro Intermediate	(I20) Engineering Management, Undergraduate Academic Studies
8.	EJUZZ	English Language – Pre-Intermediate	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
9.	EJ03Z	English Language - Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
10.	EJ04L	English Language – Upper Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
11.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies

(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies

(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies

(AH0) Architecture, Master Academic Studies

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List of courses being held by the teacher in the accredited study programmes
--

	ID	Course name	Study programme name, study type
			(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic
12.	EJ2L	English Language – Intermediate	Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
13.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
	EJ3L	English Language – Advanced	(F10) Engineering Animation, Undergraduate Academic Studies
14.			(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
22			(M30) Energy and Process Engineering, Undergraduate Academic Studies
23.	EJM	English Language – ESP Course	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
			(P00) Production Engineering, Undergraduate Academic Studies
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

f courses being held by the teacher in the accredited study programme

List o	ist of courses being held by the teacher in the accredited study programmes						
	ID	Course name	Study programme name, study type				
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies				
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
29.	ISIT01	English Language 1	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies				
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies				
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies				
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies				
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies				
34.	EJIIM	English for Specific Purposes	(110) Industrial Engineering, Undergraduate Academic Studies				
54.	Lonivi		(I20) Engineering Management, Undergraduate Academic Studies				
35.	ETI10	English Language-Lower	(E02) Electronics and Telecommunications, Undergraduate Professional Studies				
36.	SSIP21	English Language	(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies				
			(E20) Computing and Control Engineering, Undergraduate Academic Studies				
			(ES0) Power Software Engineering, Undergraduate Academic Studies				
			(F10) Engineering Animation, Undergraduate Academic Studies				
37.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies				
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies				
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies				
			(AH0) Architecture, Master Academic Studies				
			(E20) Computing and Control Engineering, Undergraduate Academic Studies				
			(ES0) Power Software Engineering, Undergraduate Academic Studies				
			(F10) Engineering Animation, Undergraduate Academic Studies				
38.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies				
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies				
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies				
			(AH0) Architecture, Master Academic Studies				
39.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies				
40.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies				
41.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies				
42.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies				
Rep	Representative refferences (minimum 5, not more than 10)						



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering

esentative r	 (! !	 1 A A A	

Rep	Representative refferences (minimum 5, not more than 10)							
1.	Marina Katić, Kostadin Pušara, "Standardization of E-Commerce Terminology", Annals of the Faculty of Engineering Hunedoara, Vol.III, Part 2, 2005, ISSN 1584-2665, Edition Mirton, Timisoara (Romania), pp.31-36.							
2.	M.Katić, "O tehnikama prevođenja nekih engle Electronics – Ee 2001, Novi Sad, OctNov.200		ke elektronike", 1	11th International Sympo	sium on Power			
3.	M.Katić, "Terminology of E-Commerce", 7th Int Hunedoara (Romania), Sept. 2003, CD-ROM -		n on Interdiscipli	nary Regional Research	– ISIRR 2003,			
4.	M.Katić, "Key Terms of Business Environment" 2003, .	", PSU-UNS Int. Confe	erence Energy ar	nd Environment, Hat Yai	(Thailand), Dec.			
5.	Marina Katić, Kostadin Pušara, "Need for E-Commerce Term Standardization and Harmonization", Western Business & Management Conference 2004, Las Vegas (USA), Oct.2004, CD ROM.							
6.	Marina Katić, Kostadin Pušara, "Standardization of E-Commerce Terminology", VIII International Symposium on Interdisciplinary Regional Research - ISSIR 2005, Szeged (Hungary), 19-21, 04, 2005,, University of Szeged, CD ROM.							
7.	M.Katić, "Deregulacija u elektroprivredi sa aspo savetovanje o elektrodistributivnim mrežama, CD ROM).							
8.	M.Katić, "Engleski jezik u službi međunarodno Vrnjačka Banja, Nov. 2002, pp.146-151	g menadžmenta", XII i	međunarodna ko	nferencija Industrijski sis	stemi – IS 2002,			
9.	M.Katić, "Anglicizmi u jeziku tehnike", XLVII Konferencija ETRAN, Herceg Novi, Jun 2003, CD-ROM i knjiga, Sveska 3, pp. 241- 244.							
10.	M.Katić, K.Pušara, "Zašto je potrebna standardizacija termina elektronske trgovine", XLIX Konferencija za ETRAN, Budva, 0510. 06. 2005., Zbornik radova, CD-ROM i knjiga, Sveska 3, pp.238-241.							
Summary data for teacher's scientific or art and professional activity:								
Quot	ation total :	0						
Tota	of SCI(SSCI) list papers :	0						
Curre	ent projects :	Domestic :	0	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam								
					Klinar J. Ivan	_		
						Full Professor Faculty of Technical Sciences - Novi Sad		
	ie of the insl ing date:	titution v	vhere the te	eacher works full time an	01.02.1972	chnical Scie	nces - Novi Sad	
	ntific or art f	ield [.]			Internal Com	hustion Engi	ines	
	demic carie		Year	Institution	Internal Cont	bustion Eng	Field	
	demic title e		1999	Faculty of Technical Se	ciences - Novi S	ad	Internal Combustion Engines	
	thesis		1999	Faculty of Technical So			Internal Combustion Engines	
	ister thesis		1978	Faculty of Agriculture -		au	Motor Vehicles	
	nelor's thesis		1970	Faculty of Technical So		ad	Internal Combustion Engines	
		-	-	acher in the accredited s			Internal Compusition Engines	
LISU		eing ne			study programme			
	ID	Course	e name			Study pro	ogramme name, study type	
1.	M213	Machir	ne Usage				chanization and Construction Engineering, luate Academic Studies	
2.	M2418	Mecha	itronics of N	Notors and Road Vehicle	S	Undergrad	chanization and Construction Engineering, uate Academic Studies	
3.	M2523	IC Eng	jine Equipm	nent		Academic		
4.	S0I241			on Engines		Academic		
5.	H2403	Equipr	ment and IC	Engines Mechatronics			chatronics, Master Academic Studies	
6.	M2403	IC Engines				(M40) Tec Academic	chnical Mechanics and Technical Design, Master Studies	
7.	M2547	Equipment of IC engines and motor vehicles			es	(M22) Meo Academic	chanization and Construction Engineering, Master Studies	
8.	M2548	Diagnostics and maintenance of IC engines and veh			es and vehicles	(M22)Mee Academic	chanization and Construction Engineering, Master Studies	
9.	LIM14	Monitoring and Diagnostics of Transportation Means			ion Means	(LIM) Logistic Engineering and Management, Master Academic Studies		
10.	DM420	Select	ed Chapter	s – Internal Combustion	(IC) Engines	(M00) Mee	chanical Engineering, Doctoral Academic Studies	
Re	presentative	e reffere	nces (minin	num 5, not more than 10)			
1.	Klinar I., Petroleur	Ličen H. n Confe	., Stefanovi rence, Proc	ć A., Bošnjaković S.:Influ ceedings, A7-1-13, Bratis	ience of special slava, 1997.	additives for	r fuel on efektiveness of engine, 38. International	
2.	Klinar I.:	Motori S	SUS, osnovi	ni udžbenik, Fakultet teh	ničkih nauka-No	vi Sad, 200	5. UDK621.43(075.8), ISBN86-85211-47-6	
3.	Klinar I.:	Oprema	motora SL	IS, osnovni udžbenik, Fa	kultet tehničkih	nauka-Novi	Sad, 1993. UDK621.43(075.8)	
4.		Sistemi	napajanja g				N-Institut za mehanizaciju, 1991.	
5.	Dorić J.,	Klinar I.:	,	,	new thermodyna	mic cycle fo	r internal combustion engine, Thermal Science,	
6.	Dorié L. Klinar L. Efficiency characteristics of a new Quasi-Constant Volume Combustion spark ignition engine. Thermal Science							
7.	Dorić I. Klinar I. Efficiency of a new IC engine concept with variable niston motion. Thermal Science, 2012							
8.	Klinar I.,	Stefano	vić A., Rajk		viston-cylinder di	agnostics of	f fits of engines, Tribology in industry, vol.21,	
9.	 No.1, p 12-17, 1999. Klinar I., Dorić J.: One method vor determining the limit values of diagnostic parameters of I.C. engine piston-cylinder assemblies, 6. Simpozijum o konstruisanju, oblikovanju i dizajnu – KOD, Palić: Fakultet tehničkih nauka, 29-30 Septembar, 2010, pp. 305-310, ISBN 978-86-7892-278-7 							
10.	Dorić J., Klinar I., Nikolić N., Stojić B.: Use of natural gas in agricultural machinery, 39. 39th INTERNATIONAL SYMPOSIUM:							
Su				tific or art and profession				
Quotation total : 0								
Tota	l of SCI(SS	CI) list p	apers :	3				
Curr	Current projects : Domestic :				nestic :	0	International : 0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Studies Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies (G00) Civil Engineering, Doctoral Academic	_					
Name of the institution where the teacher works full time and starting date: Faculty of Technical Sciences - Novi Sad Scientific or art field: Traffic Systems Academic carieer Year Institution Academic title election: 2003 Faculty of Technical Sciences - Novi Sad PhD thesis 1989 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Magister thesis 1983 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Bachelor's thesis 1973 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Ib Course name Study programme name, study type Traffic Accidents Expertise (S00) Traffic and Transport Engineering, UAcademic Studies 1 S0433 Traffic Safety and Control Methods (S00) Traffic and Transport Engineering, UAcademic Studies 3 S0438 Traffic Terminal Servers (S00) Traffic and Transport Engineering, UAcademic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, UAcademic Studies 5. S01532 Rail Transport Safety (S00) Traffic and Transport Engineering, UAcademic Studies 6. S0MI4S Road infrastructure and road safety in urban	_					
starting date: 01.10.1992 Scientific or art field: Traffic Systems Academic carieer Year Institution Field Academic cariesr 2003 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems PhD thesis 1989 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Magister thesis 1983 Beograd Traffic Engineering - Beograd Traffic Engineering Bachelor's thesis 1973 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Traffic Engineering List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. S0433 Traffic Cacidents Expertise (S00) Traffic and Transport Engineering, U Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, U Academic Studies 3. S0438 Traffic Terminal Servers (S00) Traffic and Transport Engineering, U Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, M Studies 5. S01532 Rail Transport Safety (S00) Traffic and Transport	_					
Scientific or art field: Traffic Systems Academic carieer Year Institution Field Academic carieer Year Institution Field Academic carieer Year Institution Field Academic carieer Year Institution Traffic Systems PhD thesis 1983 Faculty of Transport and Traffic Engineering - Traffic Engineering Magister thesis 1983 Faculty of Transport and Traffic Engineering - Traffic Engineering Traffic Systems Ist of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. S0433 Traffic Safety and Public Parking Garages Study programme name, study type Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Ur Academic Studies	_					
Academic carieer Year Institution Field Academic title election: 2003 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Traffic Engineering Magister thesis 1989 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Traffic Engineering Bachetor's thesis 1973 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Traffic Engineering List of courses being held by the teacher in the accredited study programmes Study programme name, study type In 1 S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, Ur Academic Studies S0433 2. S0438 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Ur Academic Studies S0017affic and Transport Engineering, Ur Academic Studies 3. S0438 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, M Studies 5. S01532 Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S	_					
PhD thesis 1989 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Magister thesis 1983 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Bachelor's thesis 1973 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering List of courses being held by the teacher in the accredited study programmes Traffic Accidents Expertise Study programme name, study type 1. S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, Ur Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Ur Academic Studies 3. S0438 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, M Studies 5. S0153Z Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic Studies	_					
PhD thesis 1989 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Magister thesis 1983 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Bachelor's thesis 1973 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering List of courses being held by the teacher in the accredited study programmes Traffic Accidents Expertise Study programme name, study type 1. S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, Ur Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Ur Academic Studies 3. S0438 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, M Studies 5. S0153Z Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic Studies	_					
Magister thesis 1983 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering Bachelor's thesis 1973 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering List of courses being held by the teacher in the accredited study programmes Traffic Accidents Expertise Study programme name, study type 1. S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, Ur Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Ur Academic Studies 3. S0438 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 5. S0153Z Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic Studies 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic Studies 7. DSSK6S Suistainable safe	_					
Magister triesis 1983 Beograd Traffic Engineering Bachelor's thesis 1973 Faculty of Transport and Traffic Engineering - Beograd Traffic Engineering List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, Ur Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Ur Academic Studies 3. S0438 Traffic Safety and Control Methods (S00) Traffic and Transport Engineering, Ur Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 5. S0153Z Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic Studies 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic Studies<	_					
Backletor's triesis 1973 Beograd Trainic Engineering List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, UL Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, UL Academic Studies 3. S0438 Traffic Safety and Control Methods (S00) Traffic and Transport Engineering, UL Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, UL Academic Studies 5. S0153Ž Rail Transport Safety (S00) Traffic and Transport Engineering, UL Academic Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (Sudies) 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic (Sudies) 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic (Sudies) 7. DSSK6S Suistainable safe road design <td>_</td>	_					
ID Course name Study programme name, study type 1. S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, Ur Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Ur Academic Studies 3. S0438 Traffic Safety and Control Methods (S00) Traffic and Transport Engineering, Ur Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 5. S0153Ž Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (S00) Traffic Enginee	_					
1. S0433 Traffic Accidents Expertise (S00) Traffic and Transport Engineering, UnAcademic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, UnAcademic Studies 3. S0438 Traffic Safety and Control Methods (S00) Traffic and Transport Engineering, UnAcademic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, UnAcademic Studies 5. S0153Ž Rail Transport Safety (S00) Traffic and Transport Engineering, Macademic Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, Matudies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (S00) Traffic Engineering, Doctoral Acad	_					
1. 30433 Traffic Accidents Expense Academic Studies 2. S0435 Parking and Public Parking Garages (S00) Traffic and Transport Engineering, Un Academic Studies 3. S0438 Traffic Safety and Control Methods (S00) Traffic and Transport Engineering, Un Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Un Academic Studies 5. S0153Z Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (S00) Traffic Engineering, Doctoral Academic	_					
2. S0435 Parking and Public Parking Garages Academic Studies 3. S0438 Traffic Safety and Control Methods (S00) Traffic and Transport Engineering, Ur Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Ur Academic Studies 5. S0153Ž Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (Studies 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic (Studies 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic (Studies 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic (Studies 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic (Studies 7. DSSK6S Suistainable safe road design (S00) Traffic Engineering, Doctoral Academic (S00) Traffic Engineering, Doctoral Academic Studies 7. DSSK6S	ndergraduate					
3. S0438 Traffic Safety and Control Methods Academic Studies 4. S0440 Traffic Terminal Servers (S00) Traffic and Transport Engineering, Un Academic Studies 5. S0153Ž Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (S00) Traffic Engineering, Doctoral Academi						
4. S0440 Halic Ferminial Servers Academic Studies 5. S0I53Ž Rail Transport Safety (S00) Traffic and Transport Engineering, M Studies 6. S0MI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (S00) Traffic Engineri (S00) Traffic Engineri (S	ndergraduate					
Statistic Studies 6. SOMI4S Road infrastructure and road safety in urban areas (S00) Traffic and Transport Engineering, M Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (S00) Traffic Engineering, Doctoral Academic (S	ndergraduate					
O. Solutias Road initiastructure and road salety in uban areas Studies 7. DSSK6S Suistainable safe road design (G00) Civil Engineering, Doctoral Academic (OM1) Mathematics in Engineering, Doctoral Academic (S00) Traffic Enginering, Doctoral Academic (S00) Traffic Enginer) Traffic and Transport Engineering, Master Academic es					
7. DSSK6S Suistainable safe road design (OM1) Mathematics in Engineering, Doctors Studies (S00) Traffic Engineering, Doctoral Academ Representative refferences (minimum 5, not more than 10) 1. Saobracajna tehnika I - Tehnika bezbednosti i kontrole saobracaja, Udzbenik, FTN Univerziteta u Novom Sadu, 1	(S00) Traffic and Transport Engineering, Master Academic Studies					
Representative refferences (minimum 5, not more than 10) 1. Saobracajna tehnika I - Tehnika bezbednosti i kontrole saobracaja, Udzbenik, FTN Univerziteta u Novom Sadu, 1						
1. Saobracajna tehnika I - Tehnika bezbednosti i kontrole saobracaja, Udzbenik, FTN Univerziteta u Novom Sadu, 1						
	998.					
3. Brzina kao faktor bezbednosti drumskog saobracaja, Monografija, FTN u Novom Sadu i EP Komerc Beograd 199	4.					
4. Saobracajno tehnicko vestacenje - osnovni pojmovi, definicije i merne jedinice, prirucnik, Savez inzenjera i tehnica Beograd 1996.	ara Srbije,					
5. Aplication of Marquard equations in vehicle crash expertise, "MOTAUTO 01", Proceeding Vol.II, Varna 2001.						
 6. Tehnicko regulisanje saobracaja i problemi parkiranja u gradovima Srbije, Savetovanje o kontroli i upravljanju sao Beogad 1992. 	bracaja, SDIT					
 Visespratna garaza - dvostruka spirala-,zasticen patent, YU PAT-63/97, Savezni zavod za intelektualnu svojinu, E 	Beograd 1997.					
 8. Zahtevi strukturnih karakteristika automobila sa aspekta zaštite putnika prilikom sudara, XII Međunarodni skup, M motori, Kragujevac 2002. 	-					
	Rekonstrukcije specifičnih sudara vozila primenom programskog paketa PC CRASH, Savetovanje na temu Saobraćajne nezgode,					
 Naučno stručni pristup formiranju nalaza i mišljenja veštaka", Savetovanje na temu Saobraćajne nezgode, Zlatibor, 2007. 						
Summary data for teacher's scientific or art and professional activity:						
Quotation total : 0						
Total of SCI(SSCI) list papers : 2						
Current projects : Domestic : 2 International :						



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and tast name: Kozmidis-Lubuić F. Urnija Acadamic III: Full Professor Name of the institution where the teacher works full time and Faculty of Technical Sciences - Novi Sad Field Academic III: Physics Scientific or at field: Physics Academic III: 1988 Academic III: 1988 PhD theis 1988 1987 Faculty of Sciences - Novi Sad Physical Science PhD theis 1988 Faculty of Sciences - Novi Sad Physical Science ID Course name Study programme name, study type III: E103 Physical Science Novi Sad IV: Course name Study programme name, study type III: E103 Physical Science Novi Sad IV: Faculty of Sciences - Novi Sad Physical Science III: E103 Physics Study programme name, study type III: E103 Physics Study programme name, study type III: E103 Physics (Study programme name, study IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII									
Name of the institution where the teacher works full time and Bailing date: Faculty of Technical Sciences - Novi Sad Scientific or art field: 01:09.1975 Academic tile decision: 2000 Academic tile decision: Phaulty of Sciences - Novi Sad Physics PhD thesis 1988 Faculty of Sciences - Novi Sad Physical Science Magister thesis 1996 Faculty of Sciences - Novi Sad Physical Science Magister thesis 1996 Faculty of Sciences - Novi Sad Physical Science Academic tile decision: 2000 Faculty of Sciences - Novi Sad Physical Science Itio Course name Study programme name, study type Elst of courses being held by the teacher in the accredited study programme name, study type 1 E103 Physics (E10) Power, Engineering, Undergraduate Academic Studies 2 EOS05 Physics (E10) Power Engineering, Undergraduate Academic Studies 3 S014 Physics (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 4 Ad01 Achitectural Physics (A00) Architectural Physics (20) Forinromental Engineering, Specialised Academic Studies								lija	
starting date: 10.9.1975 Scientific or art field: Physics Academic cateleer Year Institution Academic cateleer Year Institution Physics 1988 Faculty of Technical Sciences - Novi Sad Physical Science Magister thesis 1986 Faculty of Sciences - Novi Sad Physical Science Ist of courses being held by the teacher in the accredited study programmes Et of courses being held by the teacher in the accredited study programme name, study type Ist of courses being held by the teacher in the accredited study programme name, study type (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MRQ) Measurement and Control Engineering, Undergraduate Academic Studies 1 E103 Physics (E01) Power, Electronic and Telecommunication Engineering, Inceredity, Engineering, Tenewble Sources of Electrical Energy, Undergraduate Academic Studies 2 E0508 Physics (S00) Traffic and Traffic and Telecommunication Engineering, Specialised Academic Studies 3 S014 Physics (S01) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies 4 A401 Architechural Physics (E11) Power, Electronic and Telecommunication Engineering, Decotral Academic Studies<								neen Nevi Cod	
Scientific or art field: Physics Academic tile decision: Poor Institution Field Academic tile decision: Poor Faculty of Technical Sciences - Novi Sad Physical Science Magister thesis 1988 Faculty of Sciences - Novi Sad Physical Science Magister thesis 1986 Faculty of Sciences - Novi Sad Physical Science Magister thesis 1974 Faculty of Sciences - Novi Sad Physical Science List of courses being held by the teacher in the accredited study programmes Eductor's thesis 100 Course name Study programme name, study type (E10) Power, Electronic and Telecommunication Engineering. Undergraduate Academic Studies (IMR0) Maasurement and Control Engineering. 1. E103 Physics (E10) Power Engineering. Undergraduate Academic Studies 2. EOS06 Physics (E01) Power Engineering. Engineering. 3. S014 Physics (S01) Postal Traffic and Telecommunications. Undergraduate Academic Studies 5. D201FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Enginee							crinical Scie	nces - NOVI Saa	
Academic carieer Year Institution Field Academic title election 2000 Faculty of Technical Sciences - Novi Sad Physical Science Magister thesis 1988 Faculty of Sciences - Novi Sad Physical Science Bachelor's thesis 1987 Faculty of Sciences - Novi Sad Physical Science Let of courses being held by the teacher in the accredited study programme Physical Science Electronic and Telecommunication 1. E103 Physics (E10) Power, Electronic and Telecommunication 2. EOS06 Physics (E10) Power Fagineering, Undergraduate Academic Studies 3. S014 Physics (E01) Power Fagineering, Undergraduate Academic Studies 4. A401 Architectural Physics (S00) Traffic and Trafsport Engineering, Undergraduate Academic Studies 5. D201FS Selected Chapters in Physics (E01) Power, Electronic and Telecommunication 6. D201FS Selected Chapters in Physics (E01) Power, Electronic and Telecommunications, Undergraduate Academic Studies 7. EOS06 Physics (E01) Power, Electronic and Telecommunication, Engineering, Dactoral Academic Studies		-	ield:						
Academic title election 2000 Faculty of Secnees - Novi Sad Physical Science PhD thesis 1988 Faculty of Secnees - Novi Sad Physical Science Bachelor's thesis 1967 Faculty of Systes - Begrad Physical Science Bachelor's thesis 1974 Faculty of Sciences - Novi Sad Physical Science Ltd of courses being held by the teacher in the accredited study programmes Study programme name, study type 1 E103 Physics Study programme name, study type 1 E103 Physics (E10) Power, Electronic and Telecommunication 1. E103 Physics (E10) Power Electronic Studies 2. EOS06 Physics (E10) Power Electronic Studies 3. S014 Physics (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. D201FS Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies 6. D201FS Selected Chapters in Physics (E10) Power, Electronic and Telecommu				Voor	Institution	FILIYSICS		Field	
PhD thesis 1988 Faculty of Sciences - Novi Sad Physical Science Magister thesis 1986 Faculty of Sciences - Novi Sad Physical Science Bachefor's thesis 1974 Faculty of Sciences - Novi Sad Physical Science Ib Course name Study programme name, study type List of courses being held by the teacher in the accredited study programmes E100 Course name Study programme name, study type 1. E103 Physics (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies 2. EOS06 Physics (E10) Power Engineering, Enerotyle Sources of Electrical Energy, Undergraduate Academic Studies 3. S014 Physics (S00) Traftic and Transport Engineering, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Coctoral Academic Studies 7. DZ01FS Selected Chapters in						anaaa Navi S	od		
Magister thesis 1986 Faculty of Sences - Nov Sad Physical Science Bachelor's thesis 1974 Faculty of Scences - Nov Sad Physical Science List of courses being held by the teacher in the accredited study programmes Etat of courses being held by the teacher in the accredited study programmes 1 E103 Physics Study programme name, study type 2. E0306 Physics (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies 3. S014 Physics (E01) Power, Electronic and Telecommunications, Undergraduate Academic Studies 4. Ad01 Architectural Physics (S01) Postal Traffic and Transport Engineering, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (E01) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01FF Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Aca			lection.		,		au	· ·	
Bachelor's thesis 1974 Faculty of Sciences - Novi Sad Physical Science List of courses being held by the teacher in the accredited study programmes Study programme name, study type (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (NRO) Measurement and Control Engineering, Undergraduate Academic Studies 1. E103 Physics (E01) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies 2. EOS06 Physics (E01) Power Engineering, Undergraduate Academic Studies 3. S014 Physics (S00) Traffic and Telecommunications, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (E11) Power Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E11) Power Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FF Selected Chapters in Physics (E10) Power Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FF Selected Chapters in Physics (E10) Power Electronic and Telecommunication Engineering, Doctoral Academic Studies					, ,				
List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. E103 Physics (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MRO) Measurement and Control Engineering, Undergraduate Academic Studies (MRO) Measurement and Control Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Power Springeneering. Undergraduate Academic Studies (S01) Power Springeneering. Undergraduate Academic Studies (S01) Power Springeneering. Specialised Academic Studies (S01) Power Springeneering. Specialised Academic Studies (S01) Power Springeneering. Specialised Academic Studies (E11) Power Electronic and Telecommunication Engineering. Specialised Academic Studies (E11) Power Electronic and Telecommunication Studies (S10) Environmental Engineering. Specialised Academic Studies (200) Environmental Engineering. Specialised Academic Studies (E20) Computing and Control Engineering. Specialised Academic Studies (200) Environmental Engineering. Doctoral Academic Studies (G00) Civil Engineering and Design, Doctoral Academic Studies (G00) Civil Engineering Management, Doctoral Academic Studies (G00) Civil Engineering / Engineering Management, Doctoral Academic Studies (G00) Traffic Engineering. Doctoral A					, ,	0			
D Course name Study programme name, study type 1. E103 Physics (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies 2. EOS06 Physics (E01) Power Electronic and Telecommunication, Undergraduate Academic Studies 3. S014 Physics (E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01FF Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01FF Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunications E			-		-				
Image: Construction of the second s	LISU		eing ne						
Image: 1 E103 Physics Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies 2. E0506 Physics (E01) Power Engineering - Renwble Sources of Electrical Energy. Undergraduate Professional Studies 3. S014 Physics (S00) Traffic and Transport Engineering - Indergraduate (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication		ID	Course	e name			Study pro	gramme name, study type	
(MR8) Measurement and Control Engineering, Undergraduate Academic Studies 2. EOS06 Physics (E01) Power Engineering, - Renewble Sources of Electrical Energy, Undergraduate Professional Studies 3. S014 Physics (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (12) Engineering, Specialised Academic Studies 5. DZ01FS Selected Chapters in Physics (12) Engineering, Specialised Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 7. (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies 8. (E10) Power, Electronica and Telecommunication Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies 9. DZ01F Selected Chapters in Physics	1	F103	Physic	` S					
2. E0500 Pritysics Energy, Undergraduate Professional Studies 3. S014 Physics (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E12) Engineering Management, Specialised Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (G00) Civil Engineering and Design, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (G00) Civil Engineering Coctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (G00) Civil Engineering Management, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Technical Mechanics, Doctoral Academic Studies (G00)		2100	THYSIC						
3. S014 Physics Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (12) Industrial Engineering, Specialised Academic Studies (12) Engineering Management, Specialised Academic Studies (200) Environmental Engineering, Specialised Academic Studies (200) Environmental Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (E30) Computing and Control Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M01) Mathematics in Engineering, Doctoral Academic Studies (D01) Mechanical Engineering, Doctoral Academic Studies (C00) Environmental Engineering, Doctoral Academic Studies (C00) Environme	2.	EOS06	Physic	S					
6 CS01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. A401 Architectural Physics (A00) Architecture, Undergraduate Academic Studies 5. DZ01FS Selected Chapters in Physics (12) Industrial Engineering, Specialised Academic Studies 5. DZ01FS Selected Chapters in Physics (12) Engineering Management, Specialised Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Computing and Control Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E00) Civil Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (120) Industrial Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Geodesy and Geomatics, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Industrial Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Technical Mechanics, Doctoral Academic Studies <td>2</td> <td>S014</td> <td>Physic</td> <td>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</td> <td></td> <td></td> <td></td> <td></td>	2	S014	Physic	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
5. DZ01FS Selected Chapters in Physics (E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (112) Industrial Engineering, Specialised Academic Studies (220) Environmental Engineering, Specialised Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (E00) Graphic Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Industrial Engineering, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (M00) Mechatronics, Doctoral Academic Studies (M01) Mathematics in Digineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (DNIrjanić, U.F. Kozmidis-Luburić and B.S. Tośić, "NON-LINEAR OPTICAL EFFECT S AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2 D.Mirjanić, U.F. Kozmidis-Luburić and B.S. Tośić, "NON-LINEAR OPTICAL EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can.	Э.	5014	1 119510						
5. DZ01FS Selected Chapters in Physics (112) Industrial Engineering, Specialised Academic Studies (122) Engineering, Specialised Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechanical Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Traffic Engineering, Doctoral Academic Studies (C01) Safety at Work, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (L01) Safety at Work, Doctoral Academic Studies (C01) Safety at Work, Soctoral Academic Studies (C01) Safety at Wo	4.	A401	Architectural Physics				(A00) Arch	nitecture, Undergraduate Academic Studies	
5. DZ01FS Selected Chapters in Physics (122) Engineering Management, Specialised Academic Studies 6. DZ01FS Selected Chapters in Physics (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (E10) Power, Electronic and Control Engineering, Doctoral Academic Studies 7. (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies 8. DZ01F Selected Chapters in Physics (G00) Civil Engineering, Doctoral Academic Studies 8. DZ01F Selected Chapters in Physics (G00) Civil Engineering, Doctoral Academic Studies 9. DZ01F Selected Chapters in Physics (M00) Mechatronics, Doctoral Academic Studies 9. (U20) Industrial Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies 9. (M00) Mechanical Engineering, Doctoral Academic Studies (D01) Mathematics in Engineering, Doctoral Academic Studies 9. (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies 9. (D01) Mathematics in Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies 9. (Z01) Safety at Work, Doctoral Academic S									
1 12.1 Charles in Provide Provide Provided Relative Control Figure Provided Relative Control Figure Provided Relative Control Figure Provided Relative Control Engineering, Specialised Academic Studies (200) Environmental Engineering, Specialised Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (G00) Graphic Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Geodesy and Geomatics, Doctoral Academic Studies (G00) Mechatronics, Doctoral Academic Studies (100) Mechatronics, Doctoral Academic Studies (M00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, D		DZ01FS					(112) Industrial Engineering, Specialised Academic Studies		
Studies Image: Studies Studies Image: Studies (E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechanical Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies U.F. Kozmidis-Luburić and B.S. Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) D.Mirjanić, U.F. Kozmidis-Luburić, M.M.Marinković and B.S. Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) U.F. Kozmidis-Luburić and B.S. Tošić, "KINE	5.		Select	Selected Chapters in Physics					
6. DZ01F Selected Chapters in Physics (G00) Civil Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (G00) Civil Engineering, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (G00) Civil Engineering, Doctoral Academic Studies 7. (M00) Mechatronics, Doctoral Academic Studies (M00) Mechatronics, Doctoral Academic Studies 7. (M00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies 7. (M00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies 8. DZ01F Selected Chapters in Physics (100) Industrial Engineering, Doctoral Academic Studies 8. DZ01F Selected Chapters in Physics (100) Industrial Engineering, Doctoral Academic Studies 9. (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Mechanics, Doctoral Academic Studies 9. (S00) Traffic Engineering, Doctoral Academic Studies (200) Environmental Engineering, Doctoral Academic Studies 9. U.F. Kozmidis-Luburić and B.S. Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 1 U.F. Kozmidis-Luburić, M.M.Marinković and B.S. Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION PHO								ironmental Engineering, Specialised Academic	
6. DZ01F Selected Chapters in Physics (F00) Graphic Engineering and Design, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (I00) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (M00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M01) Technical Mechanics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z01) Environmental Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies 1 U.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF 2 D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND 2 D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND 2 U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITA									
 Burger Studies Burger Studies Good Civil Engineering, Doctoral Academic Studies (Good Civil Engineering, Doctoral Academic Studies (Good Civil Engineering, Doctoral Academic Studies (Hood Mechatronics, Doctoral Academic Studies (Mood Mechanical Engineering, Doctoral Academic Studies (Mood Mechanics, Doctoral Academic Studies (Sood Traffic Engineering, Doctoral Academic Studies (Zood Environmental Engineering, Doctoral Academic Stud									
6. DZ01F Selected Chapters in Physics (GI0) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (120) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Technical Mechanics, Doctoral Academic Studies (0M1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1 U.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2 D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3 U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",								phic Engineering and Design, Doctoral Academic	
 BZ01F Selected Chapters in Physics (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M01) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies 							(G00) Civi	l Engineering, Doctoral Academic Studies	
6. DZ01F Selected Chapters in Physics (120) Industrial Engineering / Engineering Management, Doctoral Academic Studies 6. DZ01F Selected Chapters in Physics (120) Industrial Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (0M1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies 1 U.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2 D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tosić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3 U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",							(GI0) Geo	desy and Geomatics, Doctoral Academic Studies	
Doctoral Academic Studies Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies <td></td> <td></td> <td></td> <td></td> <td>(H00) Med</td> <td>chatronics, Doctoral Academic Studies</td>							(H00) Med	chatronics, Doctoral Academic Studies	
Image: Constraint of the second state of the second sta	6.	DZ01F	Select	Selected Chapters in Physics					
Image: Construction of the second state of the second s							(M00) Mechanical Engineering, Doctoral Academic Studies		
Studies Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies V.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2. D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3. U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",							(M40) Tec	hnical Mechanics, Doctoral Academic Studies	
(Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. U.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2. D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3. U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",								thematics in Engineering, Doctoral Academic	
(Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. U.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2. D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tošić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3. U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",							(S00) Traf	fic Engineering, Doctoral Academic Studies	
Image: Constraint of the constraint								ironmental Engineering, Doctoral Academic	
Representative refferences (minimum 5, not more than 10) 1. U.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2. D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tosić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3. U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",							Studies		
1. U.F.Kozmidis-Luburić and B.S.Tošić, "NON-LINEAR OPTICAL EFFECTS AND THE DIELECTRIC PROPERTIES OF CRYSTALS", Physica B 112, 331(1982) 2. D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tosić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3. U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",		(Z01) Safety at Work, Doctoral Academic Studies							
I. CRYSTALS", Physica B 112, 331(1982) 2. D.Mirjanić, U.F.Kozmidis-Luburić, M.M.Marinković and B.S.Tosić, "COMBINED EFFECT OF EXCITION-EXCITION AND EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) 3. U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES",	Rep	presentative	e reffere	nces (minin	num 5, not more than 10)				
 EXCITION-PHONON INTERACTION ON CRYSTALS DIELECTIC PROPERTIES", Can. J. Phys. 60, 1838(1982) U.F. Kozmidis-Luburić and B.S. Tošić, "KINEMATICAL INTERACTION OF OPTICAL EXCITATION AND CONSEQUENCES", 	1.								
	2.								
	3.				3.S. Tošić, "KINEMATICA	LINTERACTIC	N OF OPTI	CAL EXCITATION AND CONSEQUENCES",	

						_	
SITAS STUD			UNIVERSITY OF NO	VISAD		HHUKHX HAL	
AN A	OR	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	SAD, TRG DOSIT	EJA OBRADOVIĆA 6		
U.V.		Study F	Programme A	ccreditatio	on	Con Land	
.01	LANTER	UNDERGRADUATE ACADEMIC S	STUDIES	Traffic ar	nd Transport Engineering	HO	
Re	presentative re	efferences (minimum 5, not more th	an 10)				
4.		i-Petković and U.Kozmidis-Luburić, ATTICE", Psysica A 236, 211(1997		RATIONS FOR IF	RREVERSIBLE DEPOSITIO	ON ON A	
5.		-Petković and U. Kozmidis-Luburić, 6, 6904(1997)	"RANDOM SEQUEN	TIAL ADSORPTIC	ON ON A TRIANGULAR LA	ATTICE", Psysical	
6.	^{5.} V.Sajfert,B.S.Tošić,M.Marinković and U.F.KOZMIDIS-LUBURIĆ, "SURFACE DEFORMATION IN FILMS AND EXCITON CONCETRATION", Physica A 166, 430(1990)						
7.	STRUCTU	LJ.Mašković, U. F. KOZMIDIS-LUBL RE TO THE STATISTICALLY EQUI ERISTICS OF THE DEFORMED ST	VALENT IDEAL STRU	JCTURE AND AN	SESTIMATE OF THE BASI		
8.		G.Davidović, B.S.Tošić,Lj.Mašković ENEOUS STRUCTURES'', Physica		JRIĆ and D.Ćirić,	"MASS DISTRIBUTION IN		
9.	Lj. Budinski-Petković and U. KOZMIDIS-LUBURIĆ, "IRREVERSIBLE DEPOSITION ON DISORDERED SUBSTRATES: LINE SEGMENTS ON A SQUARE LATTICE", Physica A 245,261(1997)						
10.	Lj. Budinski-Petković and U. KOZMIDIS-LUBURIĆ, "IRREVERSIBLE DEPOSITION OF DIRECTED SELF-AVOIDING RANDOM WALKS ON A SQUARE LATTICE", Physica A 262,388(1999)						
Su	Summary data for teacher's scientific or art and professional activity:						
Quot	tation total :		68				
Total of SCI(SSCI) list papers :			23				
Curr	ent projects :		Domestic :	1	International :	0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Academic title: Full Professor Name of the institution where the teacher works full time and Faculty of Technical Sciences - Novi Sad Scientific or at field: Postal Traffic and Communications Academic categories Year Institution Postal Traffic and Communications Academic categories Year Institution Postal Traffic and Communications Academic categories Year Institution Postal Traffic Engineering - Traffic Systems PhD thesis 2001 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Bachelor's thesis 1999 Faculty of Transport and Traffic Engineering - Traffic Systems Traffic Systems List of courses being held by the teacher in the accredited study programmes Traffic Systems Bachelor's thesis 2 S01322 Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduale Academic Studies 3 S01330 Strategic Planning in Postal Traffic and Hecommunications (S01) Postal Traffic and Telecommunications, Undergraduale Academic Studies 4 S0131 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduale Academic Studies 3 S01323 Technology of postal Itraffic (Name and last name: Kuiačić D. Momčilo							
Name of the institution where the teacher works full time and fauting date. Faulty of Technical Sciences - Novi Sad Scientific cara field: Postal Traffic and Communications Academic tite decion: 2012 Academic tite decion: 2012 Academic tite decion: 2012 Bachelor's thesis 1990 Bachelor's thesis 1990 Bachelor's thesis 1976 Bachelor's thesis 1976 Iso or see being held by the teacher in the accredited study programmes List of courses being held by the teacher in the accredited study programmes Iso of sources and the second study programmes Iso of sources and networks (S01) Postal Traffic and Telecommunications. 1. Sol1327 Postal Traffic and Telecommunications. Undergraduate Academic Studies 3. Sol1330 Telecommunications Undergraduate Academic Studies 4. Sol131 Direct marketing (S01) Postal Traffic and Telecommunications. Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications. 4. Sol1331 Direct marketing (S01) Postal Traffic and Telec								
starting date. 21.09.2005 Scientific or art field: Postal Traffic and Communications Academic caneer Year Academic caneer Year PhD thesis 2001 Paculy Of Transport and Traffic Engineering - Traffic Systems Bachelor's thesis 1999 Bachelor's thesis 1990 Bachelor's thesis 1976 Bachelor's thesis 1976 ID Course name					acher works full time and			
Scientific or art field: Postal Traffic and Communications Academic direction: 201 Faculty of Transport and Traffic Engineering - Beograd Traffic And Communications Magister thesis 1999 Faculty of Transport and Traffic Engineering - Faculty of Transport and Traffic Engineering - Traffic Systems Traffic Systems Bacheol's thesis 1978 Eeograd Traffic Systems Ibit of courses being held by the teacher in the accredited study programmes Traffic Systems Traffic Systems Ib Course aname Study programme name, study type 1. S01322 Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. S01327 Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. S01330 Strategic Planning in Postal Traffic and Telecommunications (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01327 Postal a Traffic and Telecommunications, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01323 Technology of postal traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 7. S0153 New Technologies and Services					aoner works iun unne dhu	,		
Academic title election: 2012 Faculty of Transport and Traffic Engineering - Beograd Postal Traffic and Communications Magister thesis 2001 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Bachelor's thesis 1978 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Bachelor's thesis 1978 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. S01322 Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. S01327 Postal Services and Networks (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. S01330 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01321 Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 7. S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11838 Models of Postal Network Management (S01)		-	ield:				and Comm	unications
PhD thesis 2001 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Magister thesis 1999 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Bachelor's thesis 1978 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Bachelor's thesis 1978 Faculty of Transport and Traffic Engineering - Study programme name, study type List of courses being held by the teacher in the accredited study programmes Traffic Cystems ID Course name Study programme name, study type 1. S01322 Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. S01327 Postal Services and Networks Undergraduate Academic Studies 3. S01330 Strategic Planning in Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. S01331 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01471 Change management (S01) Postal Traffic and Telecommunications, Master Academic Studies 6. S01323 Technologies and Services in Postal Traffic (S00) Traffic and Traffic and Telecommunications, Master	Acad	emic cariee	er	Year	Institution			Field
PhD thesis 2001 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Magister thesis 1999 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Bachelor's thesis 1978 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems Ibit of courses being held by the teacher in the accredited study programmes Traffic Cystems Traffic Systems 1 S01322 Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 2 S01327 Postal Services and Networks (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3 S01330 Strategic Planning in Postal Traffic and Telecommunications (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 4 S01381 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5 S01471 Change management (S01) Postal Traffic and Telecommunications, Master Academic Studies 6 S01331 Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 7 S0153 New Technologies and Services in Postal Traffic (S	Acad	emic title e	lection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Postal Traffic and Communications
Magister thesis 1999 Faculty of Transport and Traffic Engineering - Faculty of Transport and Traffic Engineering - Bechelor's thesis Traffic Systems Bachelor's thesis 1978 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems List of courses being held by the teacher in the accredited study programmes Traffic Systems Traffic Systems List of courses being held by the teacher in the accredited study programme name, study type Indegraduate Academic Studies Indegraduate Academic Studies 2 S01322 Postal Traffic and Telecommunications, Undergraduate Academic Studies Indegraduate Academic Studies 3 S01330 Strategic Planning in Postal Traffic and Telecommunications Indegraduate Academic Studies 4 S01310 Direct marketing Undergraduate Academic Studies 5 S01471 Change management (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6 S01323 Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 7 S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8 S11583 Models of Postal Network	PhD	thesis		2001	Faculty of Transport and			Traffic Systems
Bachelor's thesis 1978 Faculty of Transport and Traffic Engineering - Beograd Traffic Systems List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. S01322 Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. S01327 Postal Services and Networks (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. S01330 Strategic Planning in Postal Traffic and Telecommunications (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. S01381 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01471 Change management (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01323 Technologi of postal traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 7. S0158 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11583 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. <	Magi	ster thesis			Faculty of Transport and	Traffic Engine	ering -	
ID Course name Study programme name, study type 1. S01322 Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. S01327 Postal Services and Networks (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. S01330 Strategic Planning in Postal Traffic and Telecommunications (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. S01381 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01471 Change management (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01323 Technology of postal traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 7. S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11583 Models of Postal Network Management Academic Studies 9. S11592 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 11. DSSP Selected chapters from the field of public postal treffic organization (S00) Traffic Engin	Bach	elor's thesis	S	1978	Faculty of Transport and	Traffic Engine	ering -	Traffic Systems
Instruction Instruction 1. S01322 Postal Traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. S01327 Postal Services and Networks (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. S01330 Strategic Planning in Postal Traffic and Telecommunications (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. S01381 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01471 Change management (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01323 Technology of postal traffic (S00) Traffic and Telecommunications, Master Academic Studies 7. S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11583 Models of Postal Network Management (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP Selected chapters from the field of public postal network (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP Selected chapters from the field of postal traffic organization (S00) Tr	List c	f courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s	
1. S01322 Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. \$01327 Postal Services and Networks (\$011) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. \$01330 Strategic Planning in Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. \$01381 Direct marketing (\$011) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. \$01471 Change management (\$011) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. \$01323 Technology of postal traffic (\$001) Traffic and Telecommunications, Undergraduate Academic Studies 7. \$0153 New Technologies and Services in Postal Traffic and Telecommunications, Master Academic Studies 8. \$11583 Models of Postal Network Management (\$011) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP1 Selected chapters from the field of public postal network (\$00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal services (\$00) Traffic Engineering, Doctoral Academic Studies 12. DSSP4 Selected chapters from the field of process management in postal traffic in Sarac D. Market research (\$00) Traffic Engineering, Doctoral Acade		ID	Course	e name			Study pro	gramme name, study type
2 S01327 Postal SerVices and NetWorks Undergraduate Academic Studies 3. \$01330 Strategic Planning in Postal Traffic and Telecommunications, (S01) Postal Traffic and Telecommunications, 4. \$01381 Direct marketing (S01) Postal Traffic and Telecommunications, 5. \$01471 Change management (S01) Postal Traffic and Telecommunications, 6. \$01323 Technology of postal traffic (S01) Postal Traffic and Transport Engineering, Undergraduate Academic Studies 6. \$01323 Technology of postal traffic (S01) Postal Traffic and Telecommunications, 7. \$0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master 8. \$11583 Models of Postal Network Management (S01) Postal Traffic and Telecommunications, Master 9. \$11593 Electronic postal services (S01) Postal Traffic and Telecommunications, Master 10. DSSP1 Selected chapters from the field of public postal network (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal services (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP3 Selected chapters from the field of pocess	1.	S01322	Postal	Traffic				
3. S01330 Strategic Planning in Postal Traffic and Telecommunications, Undergraduate Academic Studies 4. S01381 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01471 Change management (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01323 Technology of postal traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 7. S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11583 Models of Postal Network Management (S01) Postal Traffic and Telecommunications, Master Academic Studies 9. S11593 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP1 Selected chapters from the field of public postal network (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal services (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP4 Selected chapters from the field of process management of costs and revenue of universal postal service operator, Mastarfific 13. DSSP4	2.	S01327	Postal	Services a	nd Networks		(S01) Pos	tal Traffic and Telecommunications,
4. S01381 Direct marketing (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01471 Change management (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01323 Technology of postal traffic (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 7. S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11583 Models of Postal Network Management (S01) Postal Traffic and Telecommunications, Master Academic Studies 9. S11593 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP1 Selected chapters from the field of public postal network management (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal services market research (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP3 Selected chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management of costs and revenue of universal postal service operator, Metalurgia internatinonal, 2013,	3.	S01330					(S01) Pos	tal Traffic and Telecommunications,
5. S01471 Change management (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 6. S01323 Technology of postal traffic (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 7. S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11583 Models of Postal Network Management (S01) Postal Traffic and Telecommunications, Master Academic Studies 9. S11593 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP1 Selected chapters from the field of public postal traffic (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal services (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP3 Selected chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management of costs and revenue of universal postal service operator, Metalurgia international, 2013, No 3, ISSN 1582-2214 2. Jovanović B., Kujačić M., Šarac D., Activity-based management of costs and revenue of universal postal service operator, Metalurgia international, 2013, No 4, ISSN 1582-2214	4.	S01381	Direct	marketing			(S01) Pos	tal Traffic and Telecommunications,
6. S01323 Technology of postal traffic (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 7. S0153 New Technologies and Services in Postal Traffic (S01) Postal Traffic and Telecommunications, Master Academic Studies 8. S11583 Models of Postal Network Management (S01) Postal Traffic and Telecommunications, Master Academic Studies 9. S11593 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP1 Selected chapters from the field of public postal network management (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal services management (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP3 Selected chapters from the field of postal services management (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management of costs and revenue of universal postal service operator, Metalurgia International, 2013, No 3, ISSN 1582-2214 (S00) Traffic Engineering, Doctoral Academic Studies 2. Jovanović B., Kujačić M., Šarac D., Jovanović D., Jovanović P.: Fuzzy logic approach to predicting waiting time, Metalurgia international, 2013, No 4, ISSN 1582-2214 2. Jovanović B.:	5.	S01471	Chang	e manager	nent		(S01) Pos	tal Traffic and Telecommunications,
7. S0133 New Technologies and Services in Postal Traffic Academic Studies 8. S11583 Models of Postal Network Management (S01) Postal Traffic and Telecommunications, Master Academic Studies 9. S11593 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP1 Selected chapters from the field of public postal network (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal traffic organization (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP4 Selected chapters from the field of postal services (S00) Traffic Engineering, Doctoral Academic Studies in postal traffic in postal traffic in postal traffic in search (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management in postal reaffic in search (S00) Traffic Engineering, Doctoral Academic Studies 14. Blagojević M., Kujačić M., Šarac D.: Activity-based management of costs and revenue of universal postal service operator, Metalurgia international, 2013, No 3, ISSN 1582-2214 Jovanović B., Kujačić M., Šarac D.: Activity-based management of costs and revenue of universal postal service operator, Metalurgia international, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 4 Bojović N., Kujačić M., Macura D.: Organizational design of a post office using analytic network pr	6.	S0I323	Technology of postal traffic				(S00) Traf	fic and Transport Engineering, Undergraduate
a. S 11333 Models of Postal Network Management Ácademic Studies 9. S 11593 Electronic postal services (S01) Postal Traffic and Telecommunications, Master Academic Studies 10. DSSP1 Selected chapters from the field of public postal network (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal traffic organization (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP3 Selected chapters from the field of postal services market research (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management in postal traffic (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSP4 Selected chapters from the field of process management in postal traffic (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSP4 Selected chapters from the field of process management of costs and revenue of universal postal service operator, Metalurgia international, 2013, No 3, ISSN 1582-2214 (S00) Traffic Engineering, Doctoral Academic Studies 16. Blagojević M., Kujačić M., Šarac D., Atanasković P.: Fuzzy logic approach to predicting waiting time, Metalurgia international, 2013, No 4, ISSN 1582-2214. 2 Jovanović B., Kujačić M., Macura D.: Organizational design of a post office using analytic network process (Article), Sc	7.	S0153	New Technologies and Services in Postal T			raffic	· /	
9. S 1893 Electronic postal services Academic Studies 10. DSSP1 Selected chapters from the field of public postal network organization (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP2 Selected chapters from the field of postal traffic organization (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP3 Selected chapters from the field of postal services market research (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management in postal traffic (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSP4 Selected chapters from the field of process management in postal traffic (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSP4 Blagojević M., Kujačić M., Šarac D.: Activity-based management of costs and revenue of universal postal service operator, Metalurgia international, 2013, No 3, ISSN 1582-2214 2. Jovanović B., Kujačić M., Šarac D., Jovanović B.: Providing universal postal service in developing countries, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 4. Bojović N., Kujačić M., Macura D.: Organizational design of a post office using analytic network process (Article), Scientific Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 5. Blagojevic M., Marković D., Kujačić M., Dobrodolac M.	8.	S1I583	Models of Postal Network Management					
 10. DSP1 management 11. DSSP2 regarization 11. DSSP3 Selected chapters from the field of postal traffic organization 12. DSSP3 Selected chapters from the field of postal services (S00) Traffic Engineering, Doctoral Academic Studies market research 13. DSSP4 Selected chapters from the field of process management in postal traffic 13. DSSP4 Selected chapters from the field of process management in postal traffic 14. DSSP3 Selected chapters from the field of process management in postal traffic 15. DSSP4 Selected chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 16. DSSP4 Selected chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 17. DSSP4 Selected chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 18. DSSP4 Selected chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 18. DSSP4 Selected chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 19. DSSP2 Selected Chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 10. DSSP4 Selected Chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSP4 Selected Chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSP3 Selected Chapters from the field of process management (S00) Traffic Engineering, Doctoral Academic Studies 13. Jos 4, ISSN 1582-214. 14. Kujačić M., Šarac D., Atanasković P.: Fuzzy logic approach to predicting waiting time, Metalurgia international, 2013, No 4, ISSN 1582-2214. 15. Kujačić M., Macura D.: Organizational design of a post office usi	9.	S1I593						
11. DSSP2 Selected chapters from the field of postal traffic (S00) Traffic Engineering, Doctoral Academic Studies organization 12. DSSP3 Selected chapters from the field of postal services market research (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management in postal traffic (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSP4 Selected chapters from the field of process management in postal traffic (S00) Traffic Engineering, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1 Blagojević M., Kujačić M., Šarac D.: Activity-based management of costs and revenue of universal postal service operator, Metalurgia international, 2013, No 4, ISSN 1582-2214 2. Jovanović B., Kujačić M., Šarac D., Atanasković P.: Fuzzy logic approach to predicting waiting time, Metalurgia international, 2013, No 4, ISSN 1582-2214. 3. Kujačić M., Šarac D., Marković D., Jovanović B.: Providing universal postal service in developing countries, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 4. Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 5. Blagojević M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160	10.	DSSP1	manag	ement	· ·		(S00) Traf	fic Engineering, Doctoral Academic Studies
 12. DSSP3 market research (COC) Helic Engineering, Decent Activity Executive Engineering, Decent Active, Executive Engineering, Decent Activity Executive Engineering, Decent Active Engineering, Decent ActiveEngineering, Decent ActiveEngineering, Decent ActiveEngineering, Decent ActiveEngineering, Decent ActiveEngineering, Executive Engineering, Decent ActiveEngineering, Executive Engineering, Decent ActiveEngineering, Executive Engineering, Executive Engineering, Executive Engineering, Executive Engineering, Executive Enginetary Engineering, Executive Engineering, Engineering, Execut	11.	DSSP2	Select organi	ed chapters zation	-		(S00) Traf	fic Engineering, Doctoral Academic Studies
 IDSP4 in postal traffic (corr frame Lighteening, Booked Redening Corr frame Lighteening, Booked Redening, Booked Redening, Corr Metalurgia International, 2013, No 3, ISSN 1582-2214 Blagojević M., Kujačić M., Šarac D., Atanasković P.: Fuzzy logic approach to predicting waiting time, Metalurgia International, 2013, No 4, ISSN 1582-2214, Kujačić M., Šarac D., Marković D., Jovanović B.: Providing universal postal service in developing countries, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 Bojović N., Kujačić M., Macura D.: Organizational design of a post office using analytic network process (Article), Scientific Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 Blagojevic M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160 1613, ISSN 1993-8233 Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevor 	12.	DSSP3	marke	t research				
 Blagojević M., Kujačić M., Šarac D.: Activity-based management of costs and revenue of universal postal service operator, Metalurgia international, 2013, No 3, ISSN 1582-2214 Jovanović B., Kujačić M., Šarac D., Atanasković P.: Fuzzy logic approach to predicting waiting time, Metalurgia international, 2013, No 4, ISSN 1582-2214, Kujačić M., Šarac D., Marković D., Jovanović B.: Providing universal postal service in developing countries, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 Bojović N., Kujačić M., Macura D.: Organizational design of a post office using analytic network process (Article), Scientific Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 Blagojevic M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160 1613, ISSN 1993-8233 Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevor 	13.	DSSP4			from the field of process	management	(S00) Traf	fic Engineering, Doctoral Academic Studies
 Metalurgia international, 2013, No 3, ISSN 1582-2214 Jovanović B., Kujačić M., Šarac D., Atanasković P.: Fuzzy logic approach to predicting waiting time, Metalurgia international, 2013, No 4, ISSN 1582-2214, Kujačić M., Šarac D., Marković D., Jovanović B.: Providing universal postal service in developing countries, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 Bojović N., Kujačić M., Macura D.: Organizational design of a post office using analytic network process (Article), Scientific Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 Blagojevic M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160 (1613, ISSN 1993-8233) Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo 	Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)			
 2013, No 4, ISSN 1582-2214, Kujačić M., Šarac D., Marković D., Jovanović B.: Providing universal postal service in developing countries, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 Bojović N., Kujačić M., Macura D.: Organizational design of a post office using analytic network process (Article), Scientific Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 Blagojevic M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160 1613, ISSN 1993-8233 Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo 	1.						costs and re	venue of universal postal service operator,
 Business Management, 2011, Vol. 5, No 8, pp. 1158-1165, ISSN 1993-8233 Bojović N., Kujačić M., Macura D.: Organizational design of a post office using analytic network process (Article), Scientific Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 Blagojević M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160 1613, ISSN 1993-8233 Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo 	2.							
 Research and Essays, 2010, Vol. 5, No 10, pp. 1194-1212, ISSN 1992-2248 Blagojevic M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160 1613, ISSN 1993-8233 Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo 	3.							
 universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 160 1613, ISSN 1993-8233 Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo 	4.							nalytic network process (Article), Scientific
 Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, Boston/U.S.A. 2003, pp 5-18. Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo 	5.	Blagojevic M., Marković D., Kujačić M., Dobrodolac M.: Applying activity based costing model on cost accounting of provider of universal postal services in developing countries (Article), African Journal of Business Management, 2010, Vol. 4, No 8, pp. 1605-						
 Kujačić M., Bojović N.: Organizational modeling, Postal technology international, 2007, pp. 62-63, ISSN 1472-5274 Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo 	6.	 Kujačić M., Bojović N.: Organizational Desgn of Postal Corporation Structure Using Fuzzy Multicriteria decision Making , Computational & Mathematical Organization Theory, Volume 9, Number 1, may 2003, Kluwer Academic Publishers, 						
Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo	7.							
	8.	Kujačić M., Šarac D., Jovanović B.: Access to the postal network of the public operator, SEETSI, Budva, FMSK Berane, 2012.						
	9.	 9. Kujačić M., Šarac D., Jovanović B.: Regionalni pristup finansiranju univerzalne poštanske usluge, Saobraćajni fakultet Sarajevo, 1. SEETSI, Sarajevo, 2010. 						

UNIVERSITY OF NOVI SAD VOIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering VOIVERSITY OF NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering VOIVERSITY OF NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering VOIVERSITY OF NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Supersentative refferences (minimum 5, not more than 10) 10. Kujačić M., Jekić M.: Značaj koridora 4B za razvoj poštanskog saobraćaja u regionu, međunarodna konferencija: Strateški razvoj saobraćajnog koridora Bukurešt-Beograd-Bar-Bari (4B). Summary data for teacher's scientific or art and professional activity: Quotation total : 0 Total of SCI(SSCI) list papers : 6

4

International :

0

Domestic :

Current projects :



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nom	o and last n	ama:			Ličen S. Bran	ialaya		
Name and last name: Liče Academic title: Lect								
		itution u	whore the to	achar works full time and	Faculty of Technical Sciences - Novi Sad			
-	Name of the institution where the teacher works full time and starting date:					07.04.2005		
	ntific or art f	ield:			English			
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	English	
Bach	elor's thesis	S	2009	Faculty of Philosophy - I			Philology	
List o	of courses b	eing hel	ld by the tea	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	gramme name, study type	
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	nitecture, Undergraduate Academic Studies	
2.	AEJ2L	Englis	h Language	intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
3.	AEJ2Z	-	h intermedia				nitecture, Undergraduate Academic Studies	
4.	AEJ3Z	Englis	h Language	e - upper intermediate		(A00) Arch	nitecture, Undergraduate Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies	
						(F10) Eng Studies	ineering Animation, Undergraduate Academic	
5.	E21I0	Izborni	i strani jezik	x 1		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies		
						(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies		
						(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
						(G00) Civi	l Engineering, Undergraduate Academic Studies	
							chanization and Construction Engineering, uate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
6.	EJ01L	Englisł	h Language	e – Elementary			chnical Mechanics and Technical Design, uate Academic Studies	
						(P00) Prod Studies	duction Engineering, Undergraduate Academic	
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
							tal Traffic and Telecommunications, uate Academic Studies	
							ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
						(F00) Graj Academic	phic Engineering and Design, Undergraduate Studies	
						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
7.	EJ01Z	Englis	h Language	e - Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, uate Academic Studies	
						(Z20) Envii Studies	ronmental Engineering, Undergraduate Academic	

SITAS STUD

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List	of courses b	eing held by the teacher in the accredited study programme	es
	ID	Course name	Study programme name, study type
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies
8.		English Language – Pre-Intermediate	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
	EJ02L		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Acader Studies
			(I10) Industrial Engineering, Undergraduate Academic Studies
	E 1027	English Languaga Dra Intermediata	(I20) Engineering Management, Undergraduate Academi Studies
9.	EJ02Z	English Language – Pre-Intermediate	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies

I			Academic Studies
	EJ02L	English Language – Pre-Intermediate	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
8.			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies
9.			(I20) Engineering Management, Undergraduate Academic Studies
5.			(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies
10.			(Z01) Safety at Work, Undergraduate Academic Studies
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
			(Z01) Safety at Work, Undergraduate Academic Studies
11.			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
			(Z20) Environmental Engineering, Undergraduate Academic Studies
	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
12.			(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies

AND A CONTRACTOR

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

 UNDERGRADUATE ACADEMIC STUDIES

 List of courses being held by the teacher in the accredited study programmes

		courses being neid by the teacher in the accredited study programmes		
	ID	Course name	Study programme name, study type	
13.	EJ2L	English Language – Intermediate	 (E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies 	
14.	EJ2Z	English Language – Intermediate	 (E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies 	
15.	EJ3L	English Language – Advanced	 (E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies 	
16.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
17.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
18.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies	
19.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
20.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
21.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
22.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
23.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies	
24.	EJM	English Language – ESP Course	 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies 	
25.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies	
26.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies	

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

List of courses being held by the teacher in the accredited study programmes

List o	List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type			
27.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies			
28.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
29.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies			
30.	ISIT07	English Language 2	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies			
31.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies			
32.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies			
33.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies			
34.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies			
	EJIIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies			
35.			(I20) Engineering Management, Undergraduate Academic Studies			
36.	ET105	English language - Elementary	(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
37.	ETI10	English Language-Lower	(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
38.	ETI15	Engleski jezik - srednji	(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
39.	ETI20	Engleski jezik - napredni	(E02) Electronics and Telecommunications, Undergraduate Professional Studies			
	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies			
			(ES0) Power Software Engineering, Undergraduate Academic Studies			
			(F10) Engineering Animation, Undergraduate Academic Studies			
40.			(GI0) Geodesy and Geomatics, Undergraduate Academic Studies			
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
			(AH0) Architecture, Master Academic Studies			
	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies			
			(ES0) Power Software Engineering, Undergraduate Academic Studies			
			(F10) Engineering Animation, Undergraduate Academic Studies			
41.			(GI0) Geodesy and Geomatics, Undergraduate Academic Studies			
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies			
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies			
			(AH0) Architecture, Master Academic Studies			
42.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies			
43.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies			
44.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies			
·			<u>+</u>			

		- 'r						
ost	TAS STUD		UNIVERSITY OF NO	VI SAD		HINKINX HAL		
A COR		FACULTY OF TECHNICAL SC	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
0.26	Den Co	Study F	Programme A	ccreditati	on	The second		
.01	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic a	nd Transport Engineering	HO		
List o	of courses b	eing held by the teacher in the accree	dited study programme	es				
	ID	Course name		Study program	me name, study type			
45.	NIT03	Business English			Engineering - Advanced En Aaster Academic Studies	ngineering		
Re	presentative	refferences (minimum 5, not more th	nan 10)					
1.	"Formal a Timisoara	and Aesthetic Aspects of Nadine Gord a, br. 7, 2010., str.191-198.	dimer's Short Story", F	Romanian Journal	l of English Studies, Univers	sity of the West		
2.	"Summaı Beogradı	ization Skills of Engineering Students I, 2011., str. 291-299.	' Reading in a Second	l Language", Jez	ik struke, izazovi i perspekt	ive, Univerzitet u		
3.		e, Ethnicity and Gender in Nadine Go USSE Conference, Pecs, 2010., str. 2		her Stories", Sele	ected Papers in Literature a	nd Culture from		
4.		the Interregnum: Nadine Gordimer's d American Studies, University of th				Conference on		
5.	"Preispiti	vanje istorijskog konteksta u Barnsov	om romanu Floberov p	papagaj", Sveske	, br.100, Pančevo, jun 201	1., str. 69-77.		
6.	"Kreiranje udžbenika za stručni engleski jezik za studente različitog predznanja", Jezik struke, teorija i praksa, Univerzitet u Beogradu, 2009., str.445-454.							
7.	"Istorijat nastave stručnog engleskog jezika na FTN-u u Novom Sadu", Jezik struke, teorija i praksa, Univerzitet u Beogradu, 2009., str. 170-176.							
8.	Zajednica	a i pojedinac u delima Toni Morison u	romanima Najplavlje o	oko, Sula, Voljena	a i Katreno luče, 2009.			
Su	mmary data	for teacher's scientific or art and prof	essional activity:					
	tation total :		0					
		CI) list papers :	0					
Curr	Current projects : 0 International : 0							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

N1-	Name and last name: Lošonc N. Alc							
	e and last n emic title:	iame:			Lošonc N. Alpar Full Professor			
			ula a na 41 1	a a la an su anka fi sili Alesa a si				
	e of the insi ng date:	utution v	where the te	acher works full time and	01.01.1989			
	ntific or art f	ield:			Economics			
	emic carie		Year	Institution			Field	
	emic title e		2005	Faculty of Technical Sci	ences - Novi S	ad	Economics	
	thesis		1993	Faculty of Economics - S			Economics	
Magi	ster thesis		1988	Faculty of Law - Novi Sa			Economic Science	
Bach	elor's thesis	s	1981	Faculty of Law - Novi Sa	d		Legal Science	
List o	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	M317	Econo	my			Studies (M40) Tec	desy and Geomatics, Undergraduate Academic chnical Mechanics and Technical Design, uate Academic Studies	
2.	S002A	Econo	mics			Academic (S01) Pos	tal Traffic and Telecommunications,	
3.	A206	Social	onv and Ea	onomy of the Built Enviror	nent		uate Academic Studies nitecture, Undergraduate Academic Studies	
						· /	enic Architecture, Technique and Design,	
4.	ASI321	Econo	mics in cult	ure and art		Undergraduate Academic Studies		
5.	IM1004	Principles of economics				 (I20) Engineering Management, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, 		
						Undergraduate Academic Studies		
6.	A005S	S Urban sociology and economics: selected chapters (A00) Architecture, Specialised Acade			nitecture, Specialised Academic Studies			
7.	MBA303	Economics for Managers				Profession		
8.	MBA307	Europe	ean and inte	ernational business and tr	ade law	(IB0) Engineering Management - MBA, Specialised Professional Studies		
9.	MBA521	The Eu	uropean Un	ion-development process		Studies	neering Management, Specialised Professional neering Management - MBA, Specialised al Studies	
10.	Z513A	Econo	mics and th	e environmental protectio	n	(Z20) Environmental Engineering, Master Academic Studies		
11.	RPR006	Econo	mics of Reg	jional Development			gional Development Planning and Management, ademic Studies	
12.	Z513	engles	kom)	a životne sredine(uneti na		(Z20) Envi	ronmental Engineering, Master Academic Studies	
13.	ZRMI3A		0	egal Aspects of Occupati		<u> </u>	ety at Work, Master Academic Studies	
14.	A005		0,	and Economics – Selected	d Chapters	(A00) Arcł	nitecture, Doctoral Academic Studies	
Rep	presentative	e reffere	nces (minin	num 5, not more than 10)				
1.	Suffitienti	ia Ecolo	gica, Novi S	Sad, Stylos, 2005				
2.	. Moderna na Kolonu, Vreme knjige, Beograd, 1997							
3.	Principi e	konomij	e, koautor,	2003, Stylos, Novi Sad				
4.	Kosta Jo: 119-7	sifidis, A	Ipar Lošon	c. Novica Supić, Eseji o dr	žavi blagostan	ja, Futura p	ublikacije, Novi Sad, 2009, ISBN 978-86+7188-	
5.	Kosta Jo	sifidis, A	lpar Lošon	c, Neoliberalizam, sudbina	a ili izbor, Novi	Sad, Futura	, 2007, ISBN 978-86-85699-03-0	
6.	A. Lošon	c, S. Mit	rović, A. Iva	aniševič, Praktikum iz prin	cipa ekonomije	e, Fakultet te	ehničkih nauka, Novi Sad, 2008	
7.	Suvereni	tet, moć	i kriza, Sve	etovi, Novi Sad, 2006, 392	. str., Cobiss. S	SR-ID 21644	49031.	
8.	A. Lošon	c, A. Iva	nišević, S.	Mitrović, Globalizacija – re	ešenja i dileme	, Fakultet te	hničkih nauka, Novi Sad, 2008	
9.								
υ.	. Alpar Lošonc, Andrea Ivanišević, Slavica Mitrović, Strukturalna kriza: forme i uzroci, FTN, Novi Sad, 2012							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Representative refferences (minimum 5, not more than 10)

10.	•Alpar Lošonc,Radoš Radivojević, Tijana Vučević, Socio-Ekonomska Odredjenost Znanja i Protivrečnosti Statusa Znanja,Tehnologija Informatika i Obrazovanje za Društvo Učenja Znanja, Fakultet Tehničkih Nauka, Novi Sad, 2009. ISBN 978- 86-7447-083-1 (IPI), COBISS-SR-ID 243356167,str 165-179								
Su	mmary data for teacher's scientific or art and prof	essional activity:							
Quo	tation total :	38							
Tota	I of SCI(SSCI) list papers :	7							
Curr	ent projects :	Domestic :	1	International :	0				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	Name and last name: Miličić S. M								
	Academic title:				Assistant Professor				
					Faculty of Technical Sciences - Novi Sad				
	ng date:				01.10.1993				
Scier	ntific or art f	ield:	-		Transport Sys	stem Techno	ologies		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	ection:	2011	Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies		
PhD	thesis		2011	Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies		
Magi	ster thesis		2001	Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies		
Bach	elor's thesis	3	1992	Faculty of Technical Sci	ences - Novi S	ad	Traffic Systems		
List c	f courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	S0322	Road ⁻	Traffic Tech	noloav		(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies		
						Undergrad	tal Traffic and Telecommunications, uate Academic Studies		
						(S00) Traf	ffic and Transport Engineering, Undergraduate Studies		
2.	S0I593	Syster	n of Public	Transportation of Goods		(S01) Pos	tal Traffic and Telecommunications, uate Academic Studies		
3.	URZP36	Risks	in Manipula	ting Hazardous Substance	es		Disaster Risk Management and Fire Safety, raduate Academic Studies		
4.	S01551	Funda	mentals of	air transport.		(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies			
5.	S016N2	The or enterp		and management of trans	port	(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies		
6.	SO16N	Introduction to traffic				(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies		
7.	S0I53Ž	Rail Tr	ansport Sa	fety		Studies	ffic and Transport Engineering, Master Academic		
8.	S0I5ŽS	Railwa	y Lines and	d Stations		Studies	ffic and Transport Engineering, Master Academic		
9.	LIM10	Transp	oort Techno	logies I		Academic			
10.	S0M4	Model	ling of Traff	ic and Transport		Studies	ffic and Transport Engineering, Master Academic		
11.	S0MJ2	· · ·	portation Co			(S00) Trat Studies	ffic and Transport Engineering, Master Academic		
Rep				num 5, not more than 10)					
1.	Traffic Ac	cidents	on Roads"		braćajnih nezgo	oda na pute	with International Participation, "Prevention of vima, Novi Sad: Institut za saobraćaj, Fakultet 9.1-4		
2.				eunović M.: Kvalitet uslug 6208, UDK: 656(062.2)(49		transportu, (Časopis "Tehnika", Tehnika - Saobraćaj, 2004, No		
3.	Roads" 2	2006., 8	. Prevencija		a putevima, No		ticipation, "Prevention of Traffic Accidents on tut za saobraćaj, Fakultet tehničkih nauka, 14-16		
4.	linijama, 2	2. Savre	emene tend		aćaja u gradovi	ima, Novi Sa	nutrašnje plovidbe na gradskim i prigradskim ad: Departman za saobraćaj, Fakultet tehničkih		
5.		gies - IO					ternacional Conference on Engineering 164-167, ISBN 978-86-7892-161-2, UDK:		
6.		orije i pi	akse prome				nj/kolovoz 2009., Suvremeni promet, Časopis za 109., 2009, Vol. 29, No 3-4, pp. 223-226, ISSN		

AS ST.			UNIVERSITY OF NO	VI SAD		NYWY .		
AN	Mall BOR	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6						
ND.Z		Study P	rogramme A	ccreditatio	on	To a		
6	LANTEN	UNDERGRADUATE ACADEMIC S						
Re	presentative re	efferences (minimum 5, not more the	an 10)		·			
7.	 Basarić V., Miličić M., Mitrović J.: Strateški okviri razvoja urbanog saobraćaja u Evropskoj Uniji, I Savetovanje sa međunarodnim učešćem "Transport i savremeni uslovi poslovanja", 27. i 28. maj Travnik-Vlašić, 1. Transport i savremeni uslovi poslovanja, Travnik: Fakultet za privrednu i tehničku logistiku Travnik, 27-28 Maj, 2010, pp. 63-70, ISBN 978-9958-640-06-3, UDK: 658.7(075.8) 							
8.		Miličić M., Škiljaica I.: Tehničke i e aobraćaj, 2010, No 5, pp. 7-12, ISS			brodova za gradski i prigrad	ski saobraćaj ,		
9.	Basarić V., ISSN 0478-	Miličić M.: Critical analysis of the ap 9733	oplication of classic fo	ur-step model, P	ut i saobraćaj, 2011, Vol. 57	7, No 4, pp. 5-8,		
10.	Stojanović Đ., Nikoličić S., Miličić M.: Transport Fleet Sizing by Using Make and Buy Decision-Making, Economic annals, 2011, pp. 77-102, ISSN 0013-3264, UDK: 3.33							
Summary data for teacher's scientific or art and professional activity:								
Su	initially uata to		0					
	tation total :		0					
Quo		list papers :	0					



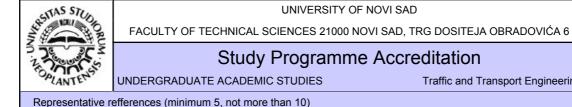


Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Mi					Milojević D. Zoran			
	Academic title:					Assistant Professor		
Name	e of the inst	itution v	vhere the te	acher works full time and	Faculty of Technical Sciences - Novi Sad			
starting date:			27.10.1997					
Scier	ntific or art f	ield:			Machine Eler	nents,Const	ruction Principles, Machine and Mechanizm	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2008	University of Novi Sad -	Novi Sad		Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
PhD	thesis		2008	University of Novi Sad -	Novi Sad		Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication	
Magis	ster thesis		2002	Faculty of Technical Sci	ences - Novi S	ad	Machine Tools, Flexible Technological Systems and Automatization Processes Design	
Bach	elor's thesis	5	1995	Faculty of Technical Sci	ences - Novi S	ad	Automatic Control and System Engineering	
List o	f courses b	eing hel	ld by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	EOS03		mentals in I nts and Mat	Mechanical Engineering(M terials)	lachine	Energy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies	
2.	F202	Funda	mentals in	Mechanical Engineering		Academic		
						Undergrad	chanization and Construction Engineering, uate Academic Studies argy and Process Engineering, Undergraduate	
3.	M108	Engine	eering Grap	hic Communications	Acader (M40) Underg	Academic Studies (M40) Technical Mechanics and Technical Design,		
						(P00) Prod	uate Academic Studies duction Engineering, Undergraduate Academic	
4.	M2610	Granhi	Braphic Communications and CAD				chatronics, Undergraduate Academic Studies	
.	1012010	Orapin					fic and Transport Engineering, Undergraduate	
5.	S012	Descri	ptive Geom	etry and Engineering Drav	wing	Académic (S01) Pos	Studies tal Traffic and Telecommunications,	
6.	IA013	Interac	tive Engine	eering Graphics		(F10) Eng	uate Academic Studies ineering Animation, Undergraduate Academic	
7.			0	hic Communications		Studies (ZC0) Clea Academic	an Energy Technologies, Undergraduate	
8.	M2511	Metho	dology of D	esign			chanization and Construction Engineering, Master	
9.	AID04	Haptic	devices us	age in the virtual environn	nent		ineering Animation, Doctoral Academic Studies	
Rep		· · ·		num 5, not more than 10)		<u>, , , , , , , , , , , , , , , , , , , </u>	• • • • • • • • • • • • • • • • • • •	
1.	Gligorić, I	R., Miloj	,	EHNIČKO CRTANJE ", Ed	dicija univerzite	etski udžben	ik, br 166, ISBN 86-499-0131-5., Univerzitet u	
2.	Milojević,	Z., Nav Journa	alušić, S., Z	Zeljković, M.: " NC VERIF			ENT OF VIRTUAL MANUFACTURING", itehnica, Timisoara, Romania, pp: 48-54, 2007.	
3.	MACHIN	NG PR	ogram", J	lournal Manufacturing Eng	ineering Manu	facturing Ac	FOR REAL'TIME VERIFICATION OF NC ccuracy Increasing problems, Wroclaw, 2007.	
4.	Series Ar	chitectu	re and Civi	l Engineering, Vol. 3, No.2	2, Niš 2005., pp	. 195-207	OMPUTER GEOMETRY, Facta Universitatis,	
5.	ELEMEN Engineer	TS ACC ing, Vol.	CURACY IN .2 No. 1-2 ,	THE FEM STRUCTURA	L ANALYSIS C	F THE MAI , Wroclaw, 2		
6.				larjanović V., Milojević Z., anism and Machine Theo			A practical approach to the optimization of gear ISSN 0094-114X	
7.				ilankov M., Obradović R., 1, Vol. 5, No 5, pp. 1211-			ethodology for 3D femur approximate model	



Representative refferences (minimum 5, not more than 10)								
8.	Milojević Z., Navalušić S., Milankov M., Obradović R., Harhaji V., Desnica E.: System for femoral tunnel position determination based on the X - ray , HealthMED, 2011, Vol. 5, No 4, pp. 894-900, ISSN 1840-2991							
9.	Milankov M., Savić D., Milojević Z.: Geometric considerations regarding the surface of the tibial insertion of the ACL graft, Knee Surg Sports Traumatol Arthrosc, 2012, Vol. 20, No 9, pp. 1887-1888, ISSN 0942-2056							
10.	Obradović R., Petter O., Vidaković M., Popkor in the Process of CAD Model Design (prihvaće Vol. 8, No 1, 2/3, ISSN 1840-1503							
Sur	mmary data for teacher's scientific or art and prot	fessional activity:						
Quot	tation total :	0						
Tota	l of SCI(SSCI) list papers :	5						
Curre	ent projects :	Domestic :	1	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Mirović Đ. Iv						T		
		iame:			Mirović Đ. Ivana			
	lemic title:	414 A! -	de encrétic de	a a la annua d'un finit d'	Lecturer Faculty of Technical Sciences - Novi Sad			
	e of the insi ing date:	utution w	mere the te	acher works full time and	01.04.1990			
	ntific or art f	ield:			English			
	lemic carie		Year	Institution			Field	
	lemic title e	-	2010	Faculty of Technical Sci	ences - Novi Sa	ad	English	
	elor's thesi		1984	Faculty of Philosophy - I			English	
				acher in the accredited stu		S		
2.01 0								
	ID	Course	e name			Study pro	ogramme name, study type	
1.	AEJ1L	English	n Language	e - Elementary		(A00) Arch	hitecture, Undergraduate Academic Studies	
2.	AEJ2L	English	n Language	e intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies	
3.	AEJ2Z	English	n intermedia	ate		(A00) Arch	hitecture, Undergraduate Academic Studies	
4.	AEJ3Z	English	n Language	e - upper intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies	
						(G00) Civi	il Engineering, Undergraduate Academic Studies	
							chanization and Construction Engineering, luate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
5.	EJ01L	English Language – Elementary					chnical Mechanics and Technical Design, luate Academic Studies	
		-				(P00) Production Engineering, Undergraduate Academic Studies		
						(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
							tal Traffic and Telecommunications, luate Academic Studies	
							ver, Electronic and Telecommunication ng, Undergraduate Academic Studies	
						(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
						(MR0) Me Undergrad	easurement and Control Engineering, luate Academic Studies	
6.	EJ01Z	English	n Language	e - Elementary		(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
						aster Risk Management and Fire Safety, luate Academic Studies		
						(Z20) Envi Studies	ronmental Engineering, Undergraduate Academic	
							ver, Electronic and Telecommunication ng, Undergraduate Academic Studies	
						(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
						(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies		
7.	EJ02L	Englisł	n Language	e – Pre-Intermediate			easurement and Control Engineering, luate Academic Studies	
			0.01			(Z01) Safe	ety at Work, Undergraduate Academic Studies	
						(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies	
							aster Risk Management and Fire Safety, luate Academic Studies	
						-	ronmental Engineering, Undergraduate Academic	
<u> </u>								

SITAS STUD

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

of oourooo boi	ng hold by the top	obor in the coorodi	ted study programmes

List o	List of courses being held by the teacher in the accredited study programmes							
	ID	Course name	Study programme name, study type					
			(I10) Industrial Engineering, Undergraduate Academic Studies					
8.	EJ02Z	English Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies					
0.	LJUZZ	Linglish Language – Fre-Internetiate	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies					
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies					
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies					
9.	EJ03Z	English Language - Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies					
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies					
			(Z20) Environmental Engineering, Undergraduate Academic Studies					
		IL English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
			(Z01) Safety at Work, Undergraduate Academic Studies					
10.	EJ04L		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies					
			(Z20) Environmental Engineering, Undergraduate Academic Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(ES0) Power Software Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
11.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					
			(AH0) Architecture, Master Academic Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	List of courses being held by the teacher in the accredited study programmes						
	ID	Course name	Study programme name, study type				
			(E20) Computing and Control Engineering, Undergraduate Academic Studies				
			(ES0) Power Software Engineering, Undergraduate Academic Studies				
			(F10) Engineering Animation, Undergraduate Academic Studies				
13.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies				
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies				
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies				
			(AH0) Architecture, Master Academic Studies				
			(E20) Computing and Control Engineering, Undergraduate Academic Studies				
			(F10) Engineering Animation, Undergraduate Academic Studies				
14.	EJ3L	English Language – Advanced	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies				
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies				
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies				
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies				
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies				
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies				
		English Language ESD Courses	(M30) Energy and Process Engineering, Undergraduate Academic Studies				
23.	EJM	English Language – ESP Course	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies				
			(P00) Production Engineering, Undergraduate Academic Studies				
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies				
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies				
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies				
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
29.	ISIT07	English Language 2	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies				
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies				



UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

es being held by the teacher in the accredited study programme

List o	st of courses being held by the teacher in the accredited study programmes							
	ID	Course name	Study programme name, study type					
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies					
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies					
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies					
34.	EJIIM	English for Specific Purposes	(110) Industrial Engineering, Undergraduate Academic Studies					
			(120) Engineering Management, Undergraduate Academic Studies					
35.	ETI05	English language - Elementary	(E02) Electronics and Telecommunications, Undergraduate Professional Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(ES0) Power Software Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
36.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					
			(AH0) Architecture, Master Academic Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies					
			(ES0) Power Software Engineering, Undergraduate Academic Studies					
			(F10) Engineering Animation, Undergraduate Academic Studies					
37.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies					
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies					
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies					
			(AH0) Architecture, Master Academic Studies					
38.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies					
39.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies					
40.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies					
41.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies					
Rep	oresentative	e refferences (minimum 5, not more than 10)						
1.	Prevod m	nonografije: Nenad Teofanov: Ultramodulation Spaces and I	Pseudodifferential Operators, Zadužbina Andrejević					
2.	Prevod p	ublikacije o Fakultetu tehničkih nauka, Faculty of Technical	Sciences, 2004					
3.	Vesna Bo	ogdanović i Ivana Mirović: Engleski jezik 1 za grafičko inžen	jerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2007					
4.		ović i Vesna Bogranović: Engleski jezik 2 za grafičko inženj						
5.	I. Mirović		kog jezika na FTN u Novom Sadu. međunarodna konferencija					
6.	V. Bogda	inović, I. Mirović, B. Ličen: Kreiranje udžbenika za engleski j cija Jezik struke, teorija i praksa, Beograd, 2008	jezik za studente različitog predznanja, međunarodna					
7.	I. Mirović	, B. Ličen, V. Bogdanović: Summarization skills of engineeri Purposes, Challenges and Prospects, Belgrade, 2011	ing students reading in a second language, Language for					
	Specific Purposes, Unallenges and Prospects, Beigrade, 2011							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Re	Representative refferences (minimum 5, not more than 10)							
8.	 Mirović I, Gak D,, Bogdavović V.: Trust me - I'm an engineer or: Why we should challange our students with demanding tasks, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012 							
9.	 Gak D, Bogdanović V, Mirović I, : Questionnaire - an instrument for collecting valuable data from teachers of business English courses, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celie, Slovenia, 2012 							
Su	mmary data	for teacher's scientific or art and profe	essional activity:					
Quot	tation total :		0					
Tota	Total of SCI(SSCI) list papers : 0							
Curr	ent projects		Domestic :	0	International :	0		





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Mitrović M. Slavica				
Academic title:					Assistant Professor				
Name of the institution where the teacher works full time and				eacher works full time and					
starting date:					01.10.2005				
Scier	ntific or art f	ield:		ř.	Production Sy	/stems, Org	anization and Management		
Acad	emic cariee	er	Year	Institution			Field		
Acad	emic title el	lection:	2012	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management		
PhD	thesis		2011	Faculty of Technical Sci	ences - Novi Sa	ad	Engineering Management		
Magi	ster thesis		2007	Faculty of Technical Sci	ences - Novi Sa	ad	Engineering Management		
Bach	elor's thesis	S	2004	Faculty of Technical Sci	ences - Novi Sa	ad	Production Systems, Organization and Management		
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s			
	ID	Course	e name			Study pro	ogramme name, study type		
		1f	- 11 - 0 1			(E20) Con Academic	nputing and Control Engineering, Undergraduate Studies		
1.	E2I41	morm	ation Syste	m Engineering			tware Engineering and Information Technologies, uate Academic Studies		
2.	EOS33	Entrep	reneurial m	nanagement		Ènergy, Ur	ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
3.	S002A	Econo	mics			Àcadémic			
			-			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies			
4.	ll121	Princip	oles of ecor	nomics		Undergrad	II) Software and Information Technologies (Inđija), dergraduate Professional Studies		
5.	1120	Princip	oi menadžm	nenta(uneti naziv na engle	skom)	Studies	ronmental Engineering, Undergraduate Academic		
6.	1201	Preduz	zetništvo(ur	neti naziv na engleskom)		Studies			
7.	ll1041	Innova	ition and Ei	ntrepreneurship		(110) Industrial Engineering, Undergraduate Academic Studies			
						Studies	neering Management, Undergraduate Academic		
8.	IM1005	Entrep	reneurship			(Z01) Safety at Work, Undergraduate Academic Studies			
						Studies	ronmental Engineering, Undergraduate Academic		
						Studies	neering Management, Undergraduate Academic		
9.	IM1007	Principles of engineering management				Àcadémic			
						Undergrad	aster Risk Management and Fire Safety, luate Academic Studies		
10.	IM1215		,	mall and medium size ent	erprises	Studies	neering Management, Undergraduate Academic		
11.	IM1218		s of open ir reneurship	novations and corporate		Studies	neering Management, Undergraduate Academic		
12.	IMDS97	Entrep	reneurial M	lanagement		Studies	neering Management, Specialised Academic		
13.	MBA304	Busine	ess Strategi	es		Profession			
14.	NIT07	Manag	gement Skil	ls			istrial Engineering - Advanced Engineering ies, Master Academic Studies		
15.	IMDS66	Managerial decision-making				Studies	desy and Geomatics, Specialised Academic neering Management, Specialised Academic		

ASTAS STUDIO RU									
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVICA 6							
12	הארגיל גיזאראל	Study F	Programme A	ccreditatio	on	The second			
Op	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HO			
List o	of courses b	eing held by the teacher in the accred	dited study programme	s					
	ID	Course name		Study program	me name, study type				
16.	IMDR97	Entrepreneurial Management		(I20) Industrial I Doctoral Acader	Engineering / Engineering nic Studies	Management,			
17.	IMDR66	Managerial decision-making		(I20) Industrial I Doctoral Acader	Engineering / Engineering nic Studies	Management,			
Rep	oresentative	refferences (minimum 5, not more th	an 10)						
1.		S., Grubić-Nešić, L ., Milisavljević, S., tional Culture. E+M Ekonomie a Mana			ss) Manager's Assessmen	t of			
2.		/ITROVIĆ, Bozidar LEKOVIĆ, Valent ROM SERBIA.Metalurgia Internation			LOYEE TIME MANAGEME	ENT: A CASE			
3.		KONJA, Leposava GRUBIĆ-NEŠIĆ, ROM A SERBIAN COMPANY. Metal				HORT CASE			
4.	COMPET	B., Mitrović, S., Milisavljević, S., Peja ITIVENESS OF HOMEMADE PROD IEGRO. African Journal of Agricultura	UCTS FOR MANUFA	CTÚRING IMPRO	VEMENT: CASE STUDY				
5.	economy	ic, S. Milisavljevic, I. Cosic, B. Lekovi : A Serbian case study, African Journ 3 Academic Journals.							
6.	Internatio	S., Nikolić, J., Milisavljević, S., Ćosić nal symposium on industrisl enigneer :SR-ID 191329292).							
7.	Internatio	S., Melović, B., Ćosić, I. (2012). ENT nal entrepreneurship conference "Re a, Montenegro. ISBN 978-86-80133-	cruitment in the light o						
8.	economic	S., Milisavljević, S., Melović, B., Grut al crizes, 17 th International Scientific nent, Palic-Subotica. ISBN 978-86-72	Symposium Strategic	c management an					
9.	Leposava GRUBIC-NESIC, Sanja VRNJES, Biljana RATKOVIC-NJEGOVAN, Slavica MITROVIC (2012). ATTITUDES OF THE								
10.		osoncz) A., Ivanišević A., Mitrović S. BN 978-86-7892-375-3, UDK: 268964		orme i uzroci, Nov	i Sad, Fakultet tehnickih na	auka, 2012, str.			
Sun	nmary data	for teacher's scientific or art and profe	essional activity:						
	ation total :		0						
		CI) list papers :	8	i	i				
Curre	ent projects	:	Domestic :	2	International :	0			





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Navalušić V. Slobodan				
	emic title:				Full Professor				
		titution v	vhere the te	eacher works full time and					
	ng date:				01.12.1975				
Scier	ntific or art f	ield:				nents,Const	truction Principles, Machine and Mechanizm		
Acad	emic caries	er	Year	Institution	•		Field		
Acad	emic title e	lection:	2006	Faculty of Technical Sci	ences - Novi S	ad	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
PhD	thesis		1996	Faculty of Technical Sci	ences - Novi S	ad	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
Magi	ster thesis		1986	Faculty of Technical Sci	ences - Novi S	ad	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
Bach	elor's thesis	S	1975	Faculty of Technical Sci	ences - Novi S	ad	Thermal Energetics and Thermotechnics		
List o	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	A555	Perspe	ective			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic		
2.	EOS03		mentals in I nts and Mat	Mechanical Engineering(N terials)	Machine		ver Engineering - Renewble Sources of Electrical ndergraduate Professional Studies		
3.	F202	Funda	mentals in	Mechanical Engineering			Graphic Engineering and Design, Undergraduate emic Studies		
4.	GG03	Descri	ptive Geom	netry		(G00) Civ	(G00) Civil Engineering, Undergraduate Academic Studies		
5.	GI104	Descri	ptive Geom	netry in Geomatics		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies			
6.	M108	Engine	eering Grap	hic Communications		Undergrad (M30) Ene Academic (M40) Teo Undergrad	chanization and Construction Engineering, luate Academic Studies ergy and Process Engineering, Undergraduate Studies chnical Mechanics and Technical Design, luate Academic Studies duction Engineering, Undergraduate Academic		
7.	M2610	Graph	ic Commun	ications and CAD			chatronics, Undergraduate Academic Studies		
8.	S012			netry and Engineering Dra	wina	(S00) Trat Academic	ffic and Transport Engineering, Undergraduate Studies		
-					5	Undergrad	tal Traffic and Telecommunications, luate Academic Studies		
9.	IA013	Interac	tive Engine	eering Graphics		Studies	ineering Animation, Undergraduate Academic		
10.	ASO5	Descri	ptive Geom	netry with Perspective 1		Undergrad	enic Architecture, Technique and Design, luate Academic Studies		
11.	ASO9	Descri	ptive Geom	netry with Perspective 2		Undergrad	enic Architecture, Technique and Design, luate Academic Studies		
12.	ZC007	Engine	ering Grap	hic Communications		Academic			
13.	M2511	Metho	dology of D	esign		Academic			
14.	M2655	Mainte	nance of A	gricultural Machinery		Academic			
15.	AD0013			and surfaces			ital Techniques, Design and Production in re and Urban Planning, Master Academic Studies		
16.	DM213	Constr	ucting	ethods of Designing and N		· /	chanical Engineering, Doctoral Academic Studies		
17.	DM409		•	in Power and Motion Tran			chanical Engineering, Doctoral Academic Studies		
18.	AID04	Haptic	devices us	age in the virtual environn	nent	(F20) Eng	ineering Animation, Doctoral Academic Studies		

UNIVERSITY C	F NOVI SAD
--------------	------------





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Re	presentative refferences (minimum 5, not more than 10)
	Milojević, Z., Navalušić, S., Zeljković, M.: " NC VERIFICATION

1.	Milojević, Z., Navalušić, S., Zeljković, M.: " NC VERIFICATION AS A COMPONENT OF VIRTUAL MANUFACTURING", Academic Journal of Manufacturing Engineering, Vol. 5, No 2-2007., Editura Politehnica, žtimisoara, Romania, pp: 48-54, 2007. ISSN: 1583-7904								
2.	Milojević, Z., Navalušić, S., Zeljković, M.: " DEVELOPMENT OF THE MODULE FOR REAL'TIME VERIFICATION OF NC MACHINING PROGRAM", Journal Manufacturing Engineering Manufacturing Accuracy Increasing problems, Wroclaw, 2007								
3.	Milojević, Z., Navalušić, S., Zeljković, M.: " AN VERIFICATION", Journal Manufacturing Engir				ND				
4.	Milojević, Z., Navalušić, S., Zeljković, M:" DEVELOPMENT OF THE MODULE FOR VERIFICATION OF NC MACHINING PROGRAM ", Journal of Machine Engineering, Vol.5 No. 1-2, Intelligent Machines and factories, Wroclaw, 2005. god., pp. 177- 185								
5.	Zeljković, M., Zeljković, Ž., Navalušić, S., Milojević, Z.:" SOFTWARE SOLUTION DEVELOPMENT FOR THE GRINDING WHEEL PROFILING CYCLE ON THE CNC GRINDING MACHINE", Journal of Machine Engineering, Vol.4 No. 1-2, Machine tools and factories of the knowledge, Wroclaw, 2004. god., pp. 254-262								
6.	Desnica E., Letić D., Gligorić R., Navalušić S.: Implementation of information technologies in higher technical education, Metalurgia international, 2012, Vol. 17, No 3, pp. 76-82, ISSN 1582-2214								
7.	Milojević Z., Navalušić S., Milankov M., Obrado based on the X - ray , HealthMED, 2011, Vol. §				tion determination				
8.	Desnica E., Letić D., Navalušić S.: Concept of education, Technics Technologies Education N								
9.	Milojević Z., Navalušić S., Milankov M., Obrado generation, HealthMED, 2011, Vol. 5, No 5, pp			dology for 3D femur app	roximate model				
10.	Navalušić, S., R. Gatalo, M. Zeljković: Automated Gearbox Design Based on Principles of Expert System Building, JSPE								
Sur	mmary data for teacher's scientific or art and profe	essional activity:							
Quot	ation total :	0							
Total of SCI(SSCI) list papers : 4									



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Nikoličić S. Svetlana			
	e and last n lemic title:	ante.			Assistant Professor			
		itution	where the te	eacher works full time and	Faculty of Technical Sciences - Novi Sad			
	ng date:			autor works full time allu	01.02.1991			
Scier	ntific or art f	ield:			Integral Trans	sport and Lo	gistics	
Acad	lemic caries	er	Year	Institution			Field	
Acad	lemic title el	ection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Integral Transport and Logistics	
PhD	thesis		2011	Faculty of Technical Sci	ences - Novi S	ad	Integral Transport and Logistics	
Magi	ster thesis		2001	Faculty of Technical Sci			Integral Transport and Logistics	
Bach	elor's thesis	S	1988	Faculty of Transport and Beograd	Traffic Engine	ering -	Integral Transport and Logistics	
List c	of courses b	eing he	Id by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	S0221	Comp	any Logisti	CS		(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
							fic and Transport Engineering, Undergraduate	
2.	SO211	Introdu	uction to Lo	gistics			Studies tal Traffic and Telecommunications, uate Academic Studies	
3.	S0I597	Shapir	ng Logistics	Processes in Supply Cha	iins	-	fic and Transport Engineering, Master Academic	
4.	LIM01	Funda	mentals of	Logistics			stic Engineering and Management, Master Studies	
5.	LIM07	Interm	odal Trans	port Technologies		(LIM) Logistic Engineering and Management, Master Academic Studies		
6.	LIM08	Company Logistics				(LIM) Logistic Engineering and Management, Master Academic Studies		
7.	LIM11	Supply	/ Chain Des	sign and Management		(LIM) Logistic Engineering and Management, Master Academic Studies		
8.	LIM22	Logisti	ic Controllin	ig and Benchmarking		(LIM) Logistic Engineering and Management, Master Academic Studies		
9.	LIM23	Logisti	ic Centers			Academic		
10.	LIM24	Urban	Logistics			Academic		
11.	S0ML4	Logisti	ics centers			Studiés	fic and Transport Engineering, Master Academic	
12.	S1I592	Postal	logistics ce	enters		(S01) Pos Academic	tal Traffic and Telecommunications, Master Studies	
13.	DSSL1	Supply	/ chain mar	nagement		(S00) Traf	fic Engineering, Doctoral Academic Studies	
14.	DSSL2	Select	ed topics fr	om inventory managemen	it	(S00) Traf	fic Engineering, Doctoral Academic Studies	
15.	DSSL5	Sustai	nable Logis	stics		(S00) Traf	fic Engineering, Doctoral Academic Studies	
16.	DSSL6	<u> </u>	ics outsourd	0		(S00) Traffic Engineering, Doctoral Academic Studies		
17.	ZRD232	Logisti	ics in the Se	ecurity Services and Healt	h at Work	(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	presentative	reffere	nces (minin	num 5, not more than 10)				
1.	4492				·		ta i manipulisanja, 4/04, str. 7-11, YU ISSM 0350-	
2.	elektro i r	našinsk	e industrije	- DEMI, Banja Luka: Maš	inski fakultet, 2	7-28 Maj, 20		
3.		Manage					Strategic management - Inteniational Joumal of , 2008, No 3, pp. 49-53, ISSN 0354-8414, UDK:	
4.	Nikoličić 4767	S., Osto	jić T.: Cros	ss-docking kao način racio	onalizacije distri	bucije, Posl	ovna logistika, 2006, No 3, pp. 42-45, ISSN 1452-	
5.	Chains, ii	n Develo	oping Susta	inable Collaborative Supp	oly Chains ,12	2. Internation	Management And Transport Sourcing In Supply nal Symposium on Logistics, Budimpešta: Centre 2007, pp. 579-584, ISBN 978 0853582182	

STAS STUR			UNIVERSITY OF NO	VI SAD		WAKNX 4		
AN A	NOR COR	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI	SAD, TRG DOSI	TEJA OBRADOVIĆA 6	STATE -		
1 2000 65		Study F	Programme A	ccreditati	on	To our		
.0	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Traffic a	nd Transport Engineering	e Hos		
Re	presentative re	efferences (minimum 5, not more th	an 10)					
6.	6. Stojanović Đ., Maslarić M., Nikoličić S.: Using the European Intermodal Transport E-marketplace - The Serbian Perspective , "Strategijski menadžment" Ekonomski fakultet, Subotica, 2008, Vol. 1, No 1, pp. 27-33, ISSN 0354-8414., UDK: 005.51; 658.62							
7.		D., Nikoličić S., Miličić M.: Transpo ISSN 0013-3264, UDK: 3.33	rt Fleet Sizing by Usin	g Make and Buy	Decision-Making, Economic	annals, 2011,		
8.	Maslarić M. 1452-4767	, Nikoličić S., Stanković S.: Automa	atski sistem nabavke ι	ı maloprodaji, Po	slovna logistika, 2006, No 6	, pp. 34-37, ISSN		
9.		, Stojanović Đ., Nikoličić S.: Serbia Romania, Transactions on Mechani				a" University of		
10.		, Stojanović Đ., Nikoličić S.: Logist ransactions on Mechanics, 2008, V				sity of Timisoara,		
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:					
Quot	tation total :		0					
Tota	I of SCI(SSCI)	list papers :	1					
Curr	ent projects :		Domestic :	1	International :	0		





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	o and last n	amo.			Obradović M	Patko			
					Obradović M. Ratko Full Professor				
			Faculty of Technical Sciences - Novi Sad						
			02.09.1993		nces - Novi Sau				
	ntific or art f	ield:			Computer Gra	aphics			
	emic cariee		Year	Institution		~~~~	Field		
	emic title el		2012	Faculty of Technical Sci	ences - Novi Si	be	Computer Graphics		
	thesis		2012	Faculty of Sciences - No		au	Computer Graphics		
			1997	Faculty of Sciences - No					
iviagi	ster thesis		1997	Faculty of Sciences - No			Computer Graphics		
Bach	elor's thesis	S	1993	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Elements,Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng.Communication		
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	S			
	ID	Course	e name			Study pro	gramme name, study type		
1.	IA020	Advan	ced Display	/ Technologies		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
						Undergrad	chanization and Construction Engineering, uate Academic Studies		
2.	M108	Enaine	ering Gran	hic Communications		Academic			
	WITCO					Undergrad	nnical Mechanics and Technical Design, uate Academic Studies		
						(P00) Production Engineering, Undergraduate Academic Studies			
3.	S012	Descri	ntive Geor	etry and Engineering Dra	wina	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies			
0.	0012	Desen			(S01) I		tal Traffic and Telecommunications, uate Academic Studies		
4.	IA006	Spatia	I Shape De	sign		(F10) Eng Studies	(F10) Engineering Animation, Undergraduate Academic Studies		
5.	IA009	3D Mo	deling			(F10) Engineering Animation, Undergraduate Academic Studies			
6.	IA014	Advan	ced Engine	ering Animation		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
7.	IGA013	Chara	cter Animat	ion		(F10) Engineering Animation, Undergraduate Academic Studies			
8.	IGA055	Specia	al Visual Eff	ects		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
9.	IGB034	Video	in Engineer	ing Animation		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
10.	IGB340	Funda	mentals of	Engineering Animation		(F10) Eng Studies	ineering Animation, Undergraduate Academic		
11.	ZC007	Engine	eering Grap	hic Communications		(ZC0) Clea Academic	an Energy Technologies, Undergraduate Studies		
12.	IA018	Compu	uter Geome	etry		(F20) Eng	ineering Animation, Master Academic Studies		
13.	AD0010	Advan Archite		ion and Video Post Techr	iques in		ital Techniques, Design and Production in e and Urban Planning, Master Academic Studies		
14.	E2528	Comp	iter name o	levelopment		(E20) Con Academic	nputing and Control Engineering, Master Studies		
14.	L2320	Compt				(SE0) Software Engineering and Information Technologies, Master Academic Studies			
15.	IA005	History	y of Animati	on		(F20) Eng	ineering Animation, Master Academic Studies		
16.	AIDO8	Advan	ced Interdis	ciplinary Scientific Visuali	zation	(F20) Eng	ineering Animation, Doctoral Academic Studies		
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.				ilankov M., Obradović R., MED, 2011, Vol. 5, No 4,			vstem for femoral tunnel position determination 991		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering

Re	Representative refferences (minimum 5, not more than 10)								
2.	Milojević Z., Navalušić S., Milankov M., Obrado generation, HealthMED, 2011, Vol. 5, No 5, pp			lology for 3D femur appr	oximate model				
3.	Bojić S., Golub M., Müller J., Obradović R., Martinov M.: Convective drying of naked seeded oil pumpkin seeds (Cucurbita pepo L.) in a medium scale batch dryer with different modes of air circulation., Zeitschrift für Arznei- und Gewürzpflanzen, 2012, Vol. 17, No 3, pp. 108-115, ISSN 1431-9292								
4.	Obradović R., Popkonstantinović B., Beljin B.: Polygons, rad je u štampi, Technics Technolog								
5.	Obradović R., Petter O., Vidaković M., Popkonstantinović B., Popović B., Milojević Z.: Using Contemporary 3D Web Technologies in the Process of CAD Model Design (prihvaćen za objavljivanje u 2013), Technics Technologies Education Management, 2013, Vol. 8, No 1, 2/3, ISSN 1840-1503								
6.	Obradović R., Vujanović M., Popkonstantinović B., Šiđanin P., Beljin B., Kekeljević I.: Fine Arts Subjects at Computer Graphics Studies at the Faculty of Technical Sciences in Novi Sad, rad je u štampi, Technics Technologies Education Management / TTEM, 2013, Vol. 8, No 1, ISSN 1840-1503								
7.	Obradović R., Obradović M., Mišić S., Popkons Polyhedral Structures and Their Potential Appli Management / TTEM, 2013, Vol. 8, No 3, ISSN	ication in Architecture	,	0					
8.	Milojević Z., Navalušić S., Obradović R., Milanl Femur and Screw Built into Human Knee, Acad ISSN 1583-7904								
9.	Obradović R.: The Plane Section of the Surfac 2005, Vol. 3, No 2, pp. 235-242, ISSN 0354-46				ivil Engineering,				
10.	Obradović R., Milojević Z.: Plane section of co Civil Engineering, 2005, Vol. 2, No 3, pp. 195-2	,	1 0 5	Facta universitatis - ser	ies: Architecture and				
Su	mmary data for teacher's scientific or art and profe	essional activity:							
Quo	tation total :	50	50						
Tota	I of SCI(SSCI) list papers :	7		i	i				
Curr	ent projects :	Domestic :	0	International :	1				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Oros V. Đura			
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and				acher works full time and				
-	ng date:				05.11.1982			
Scier	ntific or art f	ield:			Power Electro	onics, Machi	ines and Facilities	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	lection:	2009	Faculty of Technical Sci	ences - Novi Sa	ad	Power Electronics, Machines and Facilities	
PhD	thesis		2008	Faculty of Technical Sci	ences - Novi Sa	ad	Electroenergetics	
Magi	ster thesis		1997	School of Electrical Engi	neering - Beog	rad	Power Electronics, Machines and Facilities	
Bach	elor's thesis	S	1982	Faculty of Technical Sci	ences - Novi Sa	ad	Electroenergetics	
List c	of courses b	eing he	ld by the te	acher in the accredited stu	idy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	H361	Contro	of Electric	al Drives		(H00) Med	chatronics, Undergraduate Academic Studies	
							chanization and Construction Engineering, luate Academic Studies	
						(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
							chnical Mechanics and Technical Design, luate Academic Studies	
2.	M109	Electric Machines and Power Electronics					asurement and Control Engineering, luate Academic Studies	
						(P00) Proo Studies	duction Engineering, Undergraduate Academic	
						(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
						(S01) Pos Undergrad	tal Traffic and Telecommunications, luate Academic Studies	
						Undergrad	chanization and Construction Engineering, luate Academic Studies	
		Electrical Engineering and Electric Machine			Academic			
3.	M112			ç		chnical Mechanics and Technical Design, luate Academic Studies		
J.	171112				3	(P00) Prod Studies	duction Engineering, Undergraduate Academic	
					· · ·	ffic and Transport Engineering, Undergraduate Studies		
							tal Traffic and Telecommunications, uate Academic Studies	
						Academic		
4.	E2315	Electrical Machines in Automatic Control Sy		vstems	Undergrad	asurement and Control Engineering, uate Academic Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
5.	EE419A	Testing	g of electric	al machines		Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
6.	EE421A		0	and Calculation Software			er, Electronic and Telecommunication g, Undergraduate Academic Studies	
7.	ZR405A			e harmful effects of electriver converters	icity in the	(Z01) Safe	ety at Work, Undergraduate Academic Studies	
8.	ZR43A			regulations in electrical sy	ystems	(Z01) Safe	ety at Work, Undergraduate Academic Studies	
9.	EE534	Specia	al Electric N	lotor Drives		(E10) Pow	er, Electronic and Telecommunication g, Master Academic Studies	
10.	M2541	Occup Machir		ety and Protection in Oper	ation with	(M22) Mee Academic	chanization and Construction Engineering, Master Studies	
11.	GS016	Lightin	g in Buildin	gs		(G10) Ene Studies	ergy Efficiency in Buildings, Specialised Academic	

HISTAS STUDIOR	
TROPINTER'S	

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List of courses bei	ng held by the teacher in the accredited study programmes

List o	List of courses being held by the teacher in the accredited study programmes									
	ID	Course name		Study program	me name, study type					
12.	ZRD235	Systemic regulation in the field of oc and health	cupational safety	ational safety (Z01) Safety at Work, Doctoral Academic Studies						
13.	ZRD236	State and development of health and the field of electrical engineering	d safety at work in	(Z01) Safety at	Work, Doctoral Academic St	udies				
Rep	Representative refferences (minimum 5, not more than 10)									
1.		Marčetić D., Oros Đ.: Prediction of L r computation and mathematics in ele				ne international				
2.		Dros, Veran V. Vasić, Darko P. Marče Electric Power Components and Syste				nce parameter				
3.		Vasić V., Marčetić D., Kulić F.: Influer f Advances in Electrical and Compute				s scheme,				
4.	Power El	Vasić V., Oros Đ.: Power factor correction of the correction of the control Conference and Motion Control Conference 8-1-4673-1971-3, IEEE catalog numb	ence, EPE-PEMC 2012							
5.	Dumnić B., Oros Đ., Milićević D., Matić D., Vasić V.: Vector Control of Induction Generator with Parallel Stator Resistance and Rotor Speed Estimation, 31. Power Electronics, Intelligent Motion, Power Quality PCIM, Nuremberg: Mesago PCIM Gmbh, 4-6 Maj, 2010, pp. 608-612, ISBN 978-3-8007-3229-6									
6.	,	Marčetić D., Oros Đ., Kulić F.: Predic ce on Power Electronics and Applicat		,		3. European				
7.	on Neura	i Lj., Kulić F., Dumnić B., Oros Đ.: Fu I Network Applications in Electrical Er 210, ISBN 978-1-4244-2903-5								
8.		Vasić V., Oros Đ.: Power Quality Co 16. International Symposium on Powe								
9.	Reljić D., Milićević D., Adžić E., Dumnić B., Grabić S., Porobić V., Vekić M., Ivanović Z., Katić V., Vasić V., Marčetić D., Oros Đ., Čorba Z.: Modern Laboratory Tools for Experimental Research in the Eicld of Electric Drives, 15. International Symposium on									
10.	Ostojić D., Vasić V., Dujić D., Oros Đ.: The Influence of Parameter Mismatch on Natural Field Orientation Controlled Induction Motor Speed Estimation, 1. International Conference on Power Electronics and Intelligent Control for EnergyConservation, Varšava, 6-19 Oktobar, 2005									
Sun	nmary data	for teacher's scientific or art and profe	essional activity:							
	ation total :		3							
		CI) list papers :	4							
Current projects : Domestic : 1 International : 0										



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	e and last n				Pantović B. Jovanka				
Acau	Name and last name: Academic title:								
Name of the institution where the teacher works full time and				achorworks full these and	Full Professor Faculty of Technical Sciences - Novi Sad				
	e of the inst ng date:	litution v	vhere the te	eacher works full time and	13.06.1993				
	ntific or art f	ield:			Mathematics				
	emic cariee		Year	Institution	Mathematics	Field			
	emic title el		2010				Mathematics		
	thesis		2010	Faculty of Sciences - No	ovi Sad		Mathematical Sciences		
	ster thesis		1996	Faculty of Sciences - No			Mathematical Sciences		
	elor's thesis		1991	Faculty of Sciences - No			Mathematical Sciences		
		-		acher in the accredited stu		.e			
		eing ne			duy programme				
	ID	Course	e name			Study pro	gramme name, study type		
1.	E145	Opera	tions Resea	arch		Academic			
							er, Electronic and Telecommunication g, Undergraduate Academic Studies		
						Académic :			
2.	E213	E213 Discrete Mathematics and Linear Algebra				Undergrad	asurement and Control Engineering, uate Academic Studies		
						Undergrad	tware Engineering and Information Technologies, uate Academic Studies		
							tware Engineering and Information Technologies - ndergraduate Academic Studies		
3.	E221A	Mathe	matical Ana	alvsis 2		(E20) Computing and Control Engineering, Undergradua Academic Studies			
01						(MR0) Measurement and Control Engineering, Undergraduate Academic Studies			
4.	GI101	Algebr	a			(GI0) Geodesy and Geomatics, Undergraduate Academic Studies			
5.	H203	Mathe	matics 3			(H00) Mechatronics, Undergraduate Academic Studies			
6.	IAM002	Discre Graph		binatorial Methods for Co	mputer	(F10) Engineering Animation, Undergraduate Academic Studies			
7.	S053N	Onera	tions resea	rch		Academic			
<i>י</i> .	000011	opeia					tal Traffic and Telecommunications, uate Academic Studies		
8.	0M512	Models	s of Compu	tation		(OM1) Ma Studies	thematics in Engineering, Master Academic		
9.	0ML512	Models	s of Compu	tation		(OM1) Ma Studies	thematics in Engineering, Master Academic		
							ver, Electronic and Telecommunication g, Specialised Academic Studies		
						(112) Indus	strial Engineering, Specialised Academic Studies		
10.	DZ01MS	Select	ed Chapters	s in Mathematics		(I22) Engir Studies	neering Management, Specialised Academic		
						(Z00) Environmental Engineering, Specialised Academic Studies			
11.	D0M08	Applie	d Abstract A	Algebra		(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
12.	D0M13	Theory	of Mobile	Processes		(OM1) Ma Studies	thematics in Engineering, Doctoral Academic		
13.	D0M14	Process Algebra				(OM1) Mathematics in Engineering, Doctoral Academic Studies			
14.	D0M22	Multiple-Valued Logic				(OM1) Mathematics in Engineering, Doctoral Academic Studies			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Traffic and Transport Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

List o	List of courses being held by the teacher in the accredited study programmes								
	ID	Course name		Study programme name, study type					
15.	D0M23	Clone Theory		(OM1) Mathematics in Engineering, Doctoral Academic Studies					
			(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies						
				(E20) Computing and Control Engineering, Doctoral Academic Studies					
				(F00) Graphic Engineering and Design, Doctoral Academic Studies					
				(F20) Engineering Animation, Doctoral Academic Studies					
				(G00) Civil Engineering, Doctoral Academic Studies					
				(GI0) Geodesy and Geomatics, Doctoral Academic Studies					
16.	DZ01M	Selected Chapters in Mathematics		(H00) Mechatronics, Doctoral Academic Studies					
				(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies					
				(M00) Mechanical Engineering, Doctoral Academic Studies					
				(M40) Technical Mechanics, Doctoral Academic Studies					
				(OM1) Mathematics in Engineering, Doctoral Academic Studies					
				(S00) Traffic Engineering, Doctoral Academic Studies					
				(Z00) Environmental Engineering, Doctoral Academic Studies					
				(Z01) Safety at Work, Doctoral Academic Studies					
17.	AID05	Theory of Mobile Processes		(F20) Engineering Animation, Doctoral Academic Studies					
18.	AID06	Graph theory		(F20) Engineering Animation, Doctoral Academic Studies					
Rep	oresentative	e refferences (minimum 5, not more th	an 10)						
1.		S., Pantović J., Žunić J.: Partitioning F is and Metaheuristics (editor: T. F. Go		teger Grids with Applications, chapter in: Approximation					
2.		S., Pantović J., Žunić J.,Separating p etworks, 2007, Vol. 18, No. 5, 1356-1		planes - characteization problem, IEEE Transactions on					
3.		ola Dezani-Ciancaglini, Silvia Ghileza Sci, 2008, 402(2-3): 156-171	n, Jovanka Pantovic, I	Daniele Varacca: Security types for dynamic web data. Theor.					
4.	Pantović 2000, 36		nonfinitely based funct	onally complete algebras, Algebra Universalis, Vol. 43, No. 4,					
5.		J., Tošić R., Vojvodić G., The cardina No.2, 1997, 136-140.	lity of functionally com	plete algebras on a three element set, Algebra Universalis,					
6.		J., Machida H., Rosenberg I.: Regula No 1-3, pp. 149-162, ISSN 1542-3980		ournal of Multiple Valued Logic and Soft Computing, 2012,					
7.		H., Pantović J.: Three classes of max pp. 201-210, ISSN 1542-3980	kimal hyperclones, Jou	Irnal of Multiple Valued Logic and Soft Computing, 2012, Vol.					
8.		J., Machida H.: Maximal hyperclones . 1-13, ISSN 1542-3980	on E2 as hypercores	, Journal of Multiple Valued Logic and Soft Computing,					
9.		J., Tošić R., Vojvodić G., Relative cor 2-3), 2001, 337-342.	npleteness with respe	ct to two unary functions, Discrete Applied Mathematics,					
10.		iola Dezani-Ciancaglini, Silvia Ghileza thy Global Computing, Lecture Notes		Security types for dynamic web data, Proceedings of 2007, Vol. 4661, str. 263-280.					
Sur	mmary data	for teacher's scientific or art and profe	essional activity:						
	ation total :		30						
		CI) list papers :	13						
Curre	ent projects	:	Domestic :	2 International : 3					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:						Papić M. Zoran			
-	Academic title:					Assistant Professor			
		itution v	where the te	acher works full time	and				
	ng date:					01.02.1993			
Scier	ntific or art f	ield:				Traffic Syster	ns		
Acad	emic cariee	er	Year	Institution				Field	
Acad	emic title el	ection:	2011	Faculty of Technica	al Sci	ences - Novi S	ad	Traffic Systems	
PhD	thesis		2010	Faculty of Technica	al Sci	ences - Novi S	ad	Traffic Engineering	
Magi	ster thesis		1998	Faculty of Technica	al Sci	ences - Novi S	ad	Traffic Systems	
Bach	elor's thesis	6	1992	Faculty of Technica	al Sci	ences - Novi S	ad	Traffic Systems	
List c	f courses b	eing hel	ld by the tea	acher in the accredite	ed sti	udy programme	es		
	ID	Course	e name				Study pro	ogramme name, study type	
1.	S0433	Traffic	Accidents I	Expertise			(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
2.	S0435	Parkin	g and Publi	c Parking Garages			(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
3.	S0440	Traffic	Terminal S	ervers			Academic		
4.	M2549	ROAD TRAFFIC FORENSIC ENGINEERIN			ERIN	IG	(M22)Meo Academic	chanization and Construction Engineering, Master Studies	
5.	S0153F	Forensic Engineering in Traffic				(S00) Traffic and Transport Engineering, Master Academic Studies			
6.	S0MI4N	Behaviour processes in traffic engineering				(S00) Traffic and Transport Engineering, Master Academic Studies			
7.	SDI24	Road S	Safety Meas	sures			(S00) Traf	ffic Engineering, Doctoral Academic Studies	
8.	DSSB2	Behav	ioural mode	els in traffic safety			(S00) Traf	ffic Engineering, Doctoral Academic Studies	
Rep	oresentative	reffere	nces (minim	num 5, not more thar	n 10)				
1.				i mogućnosti njihove a, Fakultet tehničkih				ih brzina kod ekspertiza čeonih sudara	
2.	Analyze o No.1, Kra			ior Dimensions of Ca	ars D	uring Collison	with Fixed B	arriers, Mobility & Vehicle Mechanics, Vol. 23,	
3.	Analyses 1997.	of Car I	Body Defori	mable Behaviour in F	Fronta	al Off-Set Collis	sion, "MOTA	UTO '97", Proceeding Vol.2, Russe, Bulgaria,	
4.	An Analy III, Sofia			etermination of the in	npact	speed in fronta	all passenge	er car collisions, "MOTOATO 98", Proceeding Vol.	
5.			some vehic II, Plovdiv, 1		ssary	for vehicle cras	sh expertise	using impulse-balance method, "MOTAUTO' 99",	
6.	Applicatio	on of Ma	arquard Equ	ations in Vehicle Cra	ash E	xpertise, "MOT	AUTO '01",	Proceeding Vol. II, Varna October 2001.	
7.				a vozila bez upotrebe tevima 2004", Novi \$			Simpozijum	n sa međunarodnim učešćem "Prevencija	
8.				ene kočionog koefici ućajnih nezgoda na p				nja vozila", VII Simpozijum sa međunarodnim par 2004.	
9.	Uticaj ulič	inog par	rkiranja na l	kapacitet gradskih sa	aobra	}ajnica, časopis	s Tehnika 08	8/2006, Beograd, 2006.	
10.	Prilog istr	aživaniu	u manevra t	počnog izmicanja vo	zila za	a potrebe eksp	ertiza saobr	aćajnih nezgoda	
Sur				tific or art and profes		<u> </u>		· · · ·	
	ation total :				0				
Total	of SCI(SSC	CI) list p	apers :		3				
Curre	ent projects	:		[Dome	estic :	2	International : 0	





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Pe					Pejić V. Dragan			
	e and last n	anc.			Pejic V. Dragan Assistant Professor			
		titution v	where the te	acher works full time and				
	ng date:				01.09.1995			
	ntific or art f	ield:			Electrical Measurements			
Academic carieer Year Institution					Field			
Acad	emic title e	lection:	2011				Electrical Measurements	
	thesis		2010	Faculty of Technical Sci	ences - Novi S	ad	Electrical Measurements	
Maqi	ster thesis		1997	Faculty of Technical Sci			Electrical Measurements	
	elor's thesis	s	1993	Faculty of Technical Sci			Electrical Measurements	
List c	of courses b	eina he	ld by the te	acher in the accredited stu				
		J	,			-		
	ID	Course	e name				gramme name, study type	
1.	E130	Electri	cal Measure	ements		Academic		
						Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
2.	E130A	Electri	cal Measur	ements		Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
3.	E140	Measu	iring in Elec	tronics			er, Electronic and Telecommunication g, Undergraduate Academic Studies	
4.	E142	Measu	ıring Instrur	nents		Undergrad	asurement and Control Engineering, uate Academic Studies	
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
5.	EIEKI	Electronic Components in Instrumentation				(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
6.	EIEMER	Electro	onic measu	rements		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
7.	EIPMS1			opment of industrial devic	es and	Undergrad	asurement and Control Engineering, uate Academic Studies	
		measu	irement sys	tems 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies			
8.	EIPMS2			opment of industrial devic	es and	Undergrad	asurement and Control Engineering, uate Academic Studies	
		measu	irement sys	tems 2		Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies	
9.	EIPR1	Labora	atory practio	cum			er, Electronic and Telecommunication g, Undergraduate Academic Studies	
10.	MR0UL R			oratory practice			asurement and Control Engineering, uate Academic Studies	
11.	BMIM5B	Desigr systen		opment of medical device	s and	, ,	medical Engineering, Master Academic Studies	
12.	EIMIO	Measu	irement sys	tems in industrial environ	ment	(MR0) Measurement and Control Engineering, Master Academic Studies (E10) Power, Electronic and Telecommunication		
Por	recentative	reffore	nces (minin	num 5, not more than 10)			g, Master Academic Studies	
Rep				. ,	Stochastic M-+	t Hour Moto	r IEEE Transaction on Instrumentation and	
1.	Measure	ment, 20	000, Vol. 49	, No 3, pp. 617-620			r, IEEE Transaction on Instrumentation and	
2.	on Instru	mentatio	on and Mea	surement, 1999, Vol. 48, I	No 2, pp. 467-4	70	tochastic True RMS Instrument, IEEE Transaction	
3.	Control, 2	2006, Vo	ol. 16, No 1	, pp. 9-12, UDK: 621.3-52			nine PRSM-4 No. 083, Journal of Automatic	
4.	Pejić D.:	Stohas	tičko meren	je električne snage i ener	gije, Novi Sad,	FTN, 2010		
5.		biomedi	cinskog p3(r, V. Vujičić, Lj. Župunski,)0 potencijala, Zbornik rac			na IRAN, Zlatibor, 11. – 14.6. 2012, pp. ML1.9-1-4,	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Rep	Representative refferences (minimum 5, not more than 10)									
6.	Pejić D., Urekar M., Vujičić V., Avramov-Zamurović S.: Comparator offset error supression in stochastic converters used in a Watt-Hour Meter, 1. Conference on Precision Electromagnetic Measurements - CPEM 2010, Daejeon, 13-18 Jun, 2010, pp. 235-236, ISBN 978-1-4244-6794-5									
7.	Pejić D., Urekar M., Crnojakić M., Župunski I., Vujičić V.: ETALONSKO BROJILO ELEKTRIČNE ENERGIJE, 4. Kongres metrologa, Zlatibor: Kongres metrologa, 24-26 Septembar, 2007									
8.	Antić B., Pejić D.: Merni sistem za nadzor mašine za zavarivanje šina PRSM-4 br.083, 50. ETRAN, Beograd, 6-9 Jun, 2006									
9.	Pejić D.: Višekanalno merenje faktora izobliče	nja, Novi Sad, 1997								
10.	Mitrović Z., Pejić D., Župunski I., Urekar M., Mi režimu, 2011	lovančev S., Vujičić V	: Metoda merenj	a aktivne snage u složenope	eriodičnom					
Sur	mmary data for teacher's scientific or art and profe	essional activity:								
Quot	tation total :									
Tota	l of SCI(SSCI) list papers :									
Curre	ent projects :	Domestic :		International :						



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

<u> </u>				•				
Name and last name: Academic title:					Pjevalica U. Nebojša			
					Assistant Professor Faculty of Technical Sciences - Novi Sad			
	e of the inst ng date:	titution v	vhere the te	acher works full time and	01.08.1997			
	ntific or art f	ield:			Electrical Measurements			
	emic carie		Year	Institution		asurements	Field	
					onoon Novi S	od		
	emic title el	lection:	2008	Faculty of Technical Sci Faculty of Technical Sci			Electrical Measurements	
	thesis		2007	, ,			Electrical Measurements	
	ster thesis	_	2001	Faculty of Technical Sci			Electrical Measurements	
	elor's thesis	-	1995	Faculty of Technical Sci			Electrical Measurements	
List c	of courses b	eing ne	ld by the te	acher in the accredited stu	udy programme	es I		
	ID	Course	e name			Study pro	gramme name, study type	
1.	E130	Electri	cal Measur	ements		Academic		
						Undergrad	tal Traffic and Telecommunications, uate Academic Studies	
						Academic		
2.	E227A	Logic I	Design of C	omputer Systems 1		Academic		
		- 3- 5 -				Undergrad	asurement and Control Engineering, uate Academic Studies	
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
						(E20) Computing and Control Engineering, Undergraduate Academic Studies		
3.	E244 Selected Chapters in Phys			s in Physical Architecture			asurement and Control Engineering, uate Academic Studies	
						(E10) Power, Electronic and Telecommunic Engineering, Undergraduate Academic Stud		
4.	BMI115	Biome	dical Engin	eering in Cognitive Neuro	science	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
5.	El410	Biophy	/sics			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
6.	EIMET	Metrol	ogy				er, Electronic and Telecommunication g, Undergraduate Academic Studies	
7.	BMIM5A	Virtual	measurem	ent instrumentation in bio	medicine	(BM0) Bio	medical Engineering, Master Academic Studies	
8.	BMIM5B	Desigr systen		opment of medical device	s and	(BM0) Bio	medical Engineering, Master Academic Studies	
9.	BMIM5D	_		nce Devices in Biomedici		(BM0) Bio	medical Engineering, Master Academic Studies	
10.	BMIM5E	Distrib biome		irement and acquisition sy	stems in	(BM0) Biomedical Engineering, Master Academic Studies		
Rer	presentative			num 5, not more than 10)				
1.	A.Kozare	v, N. Pj	evalica, V. I	Macar, D. Roncevic, O. Va			ues in Multimedia/B-ISDN Based /5-428, Nis, Yugoslavia 1997.	
2.	A.Kozare	v, M. Ni	kolic, D. Mi		tegrated Appro	ach to Publ	ic Telecommunication Network in Multimedia/B-	
3.	D. Zrilic,	N. Pjeva	alica, "Frequ		ment Based on	Two - Arm	Delta - Sigma Modulated Bridge", IMTC2001 udapest, Hungary 2001.	
4.	D. Zrilic,	N. Pjeva	alica, "Stoch		Jsing Delta - Si	gma Modula	ation", Proceedings of the Fifth Biannual World	
5.		N. Pjeva	alica, A Nev				g in Frequency Domain, JUKO CIRED 2006,	
6.	Djuro G.	Zrilic, N	ebojsa U. P	jevalica, "Frequency Devi ition and measurement, v			on Two-Arm D-S Modulated Bridge" IEEE 293-299.	
7.	N. Pjeval	ica, V. F	^p jevalica, "N	lerenja na visokonaponsk	oj distributivno	j mreži prim	enom digitalnih mernih pretvarača", Simpozijum o	
<u> </u>	[*] merenjima i mernoj opremi, Zbornik radova, knjiga prva, pp505-513, Beograd, Yugoslavia,1998.							

	AS ST.		auv						
MAS	NULL BOR	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	ES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
N D C S		Study Programme Accreditation							
-	CANTER	UNDERGRADUATE ACADEMIC S	STUDIES	Traffic and Transport Engineering	-				
Re	presentative re	efferences (minimum 5, not more th	an 10)						
8.	V. Vujičić, N 2000	N. Pjevalica, "Stohastička realizacija	ı digitalnih filtara", D.O	G.S. 2000 zbornik radova, pp.60-63, Novi	Sad, Yugoslavia				
9.	N. Pjevalica Yugoslavia		osti", Kongres metrolog	ga Jugoslavije 2000, (CD-ROM zbornik rad	ova), Novi Sad,				
10.	J. Tomić, N	. Pjevalica, Integrisano merilo harm	onika, Kongres metrol	oga, Beograd, 2005 godina.					
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:						
Quo	tation total :	·	· ·						
Tota	I of SCI(SSCI)) list papers :							
Curr	ent projects :		Domestic :	International :					





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	News and lost news					Préa A Miroelay			
Name and last name: Academic title:			Prša A. Miroslav Associate Professor						
		i 4 4 ! - · · ·	ubore 41 1		0.07.1	Faculty of Technical Sciences - Novi Sad			
	e of the inst ing date:	itution v	vnere the te	eacher works full time	e and	,	29.09.1975		
	ntific or art f	ield:				Theoretical Electrotechnics			
	lemic cariee		Year	Institution				Field	
				Institution					
	lemic title el	ection.	2010	Faculty of Tashais			- d	Theoretical Electrotechnics	
PND	thesis		1986	Faculty of Technica Faculty of Natural S				Electrical and Computer Engineering	
Magi	ster thesis		1974	Ljubljana	Ocieri		sening -	Electrical and Computer Engineering	
Bach	elor's thesis	6	1971	Faculty of Natural S Ljubljana	Scien	ces and Engine	eering -	Electrical and Computer Engineering	
List c	of courses b	eing he	ld by the te	acher in the accredite	ted stu	udy programme	s		
	ID	Course	e name				Study pro	gramme name, study type	
1.	EE300	Electro	omagnetics					er, Electronic and Telecommunication g, Undergraduate Academic Studies	
								chanization and Construction Engineering, uate Academic Studies	
							(M30) Ene Academic	ergy and Process Engineering, Undergraduate Studies	
2.	M112	12 Electrical Engineering and Electric Machine			achine	s		chnical Mechanics and Technical Design, uate Academic Studies	
۷.	IVIT 12					(P00) Proo Studies	duction Engineering, Undergraduate Academic		
						(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies		
								tal Traffic and Telecommunications, uate Academic Studies	
3.	Z107	Electri	cal Enginee	ering, Environment a	ind Pro	otection	(Z01) Safety at Work, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
4.	EE543	Electro	o Magnetic	Energy			(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
5.	EM511	Quanti	um and Org	ganic Electronics			· · · ·	er, Electronic and Telecommunication g, Master Academic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more thar	n 10)				
1.				nem vodniku pravoko , Fakulteta za elektro				at u pravom provodniku pravougaonog poprečnog	
2.				mizaciji cikličnog pre ka, Novi Sad, 1986.	etvara	nja energije u r	nagnetskim	kolima sa promenljivom reluktansom", doktorska	
3.				V. Bajović: Determir 007, Phuket, Tailand			dance, PSU	-UNS International Conference on Engineering	
4.				rša: Electric Field of nt – ICEE - 200, Phu				ms, PSU-UNS International Conference on	
5.								F of Voltage Measuring Trnasformer, 8th do 5. Septembar, 2007.	
6.				Prša: Electric Field St tromagnetics PES 20				Three-Phase Power Lines , 8th International nbar, 2007.	
7.	,			An Accurate Determi ES 2007, Niš, Srbija:				thin the Earth, 8th International Conference on	
8.	M. Prša:	Osnovi (elektrotehn	ike za studente neele	ektrot	ehničkih fakulte	eta, Novi Sa	d, Stylos, 1995. 248 str.	
9.				lektrotehnike za stud str., ISBN 86-80249-4		neelektrotehnič	kih fakulteta	a - zbirka zadataka, Novi Sad, FTN - Edicija	
Sur				tific or art and profes		l activity:			
Quot	ation total :			(0				
Total	of SCI(SSC	CI) list p	apers :	(0				
Current projects : Domes					Dome	estic :	0	International : 0	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Padivojavić D. Padoč			
	e and last n emic title:	iame:			Radivojević D. Radoš Full Professor			
-	e of the insi ng date:	utution v	vnere the te	acher works full time and	01.09.1991			
	ntific or art f	ield:			Sociology			
	emic carie		Year	Institution	Field			
	emic title e		2001	Faculty of Technical Sci	ences - Novi S	ad	Sociology	
	thesis		1990	Faculty of Philosophy - I		~~	Sociology	
	ster thesis		1983	Faculty of Philosophy - I			Sociology	
	elor's thesis	s	1973	Faculty of Philosophy - E			Sociology	
List of courses being held by the teacher in the accredited stu			0	es				
	ID	Course	e name			Study pro	gramme name, study type	
						Èngineerin	ver, Electronic and Telecommunication g, Undergraduate Academic Studies	
1.	E106	Sociol	ogy of Tech	nique			asurement and Control Engineering, uate Academic Studies	
	2.00			4 - ¹ -		Undergrad	tware Engineering and Information Technologies, uate Academic Studies	
							tware Engineering and Information Technologies - ndergraduate Academic Studies	
2.	E251	Sociol	ogical Aspe	cts of Technical Developr	nent	Académic		
					(S01) Po Undergra		1) Postal Traffic and Telecommunications, lergraduate Academic Studies	
3.	E251A	Sociol	ogical Aspe	cts of Technical Developr	nent	Académic		
			- 9			Academic		
4.	F108		ogy of Cultu			(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
5.	GG02			onomics in Civil Engineeri	ng	(G00) Civil Engineering, Undergraduate Academic Studies		
6.	GG105	Sociol	ogy of Worl	(I Engineering, Undergraduate Academic Studies	
7.	M318	Sociol	ogy of Tech	nique		Studies	ineering Animation, Undergraduate Academic desy and Geomatics, Undergraduate Academic	
			3,			Studies	chatronics, Undergraduate Academic Studies	
8.	Z310	Social	Ecology				ronmental Engineering, Undergraduate Academic	
9.	A206	Sociol	ogy and Ec	onomy of the Built Enviror	nent		nitecture, Undergraduate Academic Studies	
10.	ASO311		ogy of Art a			(AS0) Sce	nic Architecture, Technique and Design, uate Academic Studies	
11.	ETI41	Sociol	ogy of Tech	nique		(E02) Elec Profession	ctronics and Telecommunications, Undergraduate al Studies	
12.	IM1003	Sociol	ogy of Work	(Studies	strial Engineering, Undergraduate Academic	
						Studies		
13.	A005S	Urban	sociology a	logy and economics: selected chapters			nitecture, Specialised Academic Studies	
14.	ZRMI3A	Sociol	ogical and l	egal Aspects of Occupati	onal Safety	(Z01) Safe	ety at Work, Master Academic Studies	
15.	A005	Urban	Sociology a	and Economics – Selected	d Chapters	(A00) Arcl	nitecture, Doctoral Academic Studies	
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)				
1.	Sociologi	ja nauke	e, Stylos, N	ovi Sad, 1997.				
2.	Tehnika i	društvo	, Fakultet te	ehničkih nauka, Novi Sad,	2003.			
3.	Socioloai	ja nasel	ja, Fakultet	et tehničkih nauka. Novi S	Sad, 2004.			
	3. Sociologija naselja, Fakultetet tehničkih nauka, Novi Sad, 2004.							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

UNDERGRADUATE ACADEMIC			TUDIES Traffic and Transport Engineering						
Rep	presentative r	efferences (minimum 5, not more th	nan 10)						
4.	Fakultet tehničkih nauka-Razvoj, delatnost, rezultati, Novi Sad, 2006.								
5.	Karakteristike inženjersko ekonomskog proučavanja organizacije rada, Sociološki pregled br. 1-2, Beograd, 1984.								
6.	Socijalizam	Socijalizam kao neproduktivni sistem, Sociološki pregled br 1-2, Beograd, 1994.							
7.	Karakteristike empirijskog proučavanja organizacije rada, Sociologija br 4, 1985.								
8.	Milićeva sociogija saznanja, Sociogija br 4, Beograd, 1997.								
9.	Socio-psychological consequnences of the flood-an Example of Jasa Tomic, Editors:Stevan Bruk&Tiosav Petkovic, Belgrade, 2006.								
10.	Gordana Vuksanović, Radoš Radivojević, THE ROLE OF CHILDREN IN INVESTIGATING AND ELIMINATING THE CONSEQUENCES OF NATURAL DISASTERS								
Sur	mmary data fo	or teacher's scientific or art and prof	essional activity:						
Quotation total : 0									
Total of SCI(SSCI) list papers : 3									
Curre	ent projects :		Domestic :	2	International :	1			





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame.			Simeunović N	1 Milan			
Name and last name: Academic title:					Simeunović M. Milan Assistant Professor				
Name of the institution where the teacher works full time and									
starting date:					15.03.1998				
Scier	ntific or art f	ield:				ganization a	nd Technology		
Acad	emic cariee	er	Year	Institution	Field				
Acad	emic title el	ection:	2012	Faculty of Technical Sci	ences - Novi S	ad	Transport Organization and Technology		
PhD	thesis		2012	Faculty of Technical Sci	ences - Novi S	ad	Traffic Engineering		
Magi	ster thesis		2001	Faculty of Technical Sci	ences - Novi S	ad	Traffic Engineering		
Bach	elor's thesis	5	1997	Faculty of Technical Sci	ences - Novi S	nces - Novi Sad Traffic Engineering			
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es			
	ID Course name				Study programme name, study type				
1.	S0432	Traffic	Flow Theo	ry		(S00) Traffic and Transport Engineering, Undergraduate Academic Studies			
						(G00) Civil Engineering, Undergraduate Academic Studie			
2.	S0436	Urban	Public Trai	nsport		Académic			
3.	S0441	Urban	Public Tra	nsport Technology		(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies		
4.	S051	051 Traffic Design				(S00) Traffic and Transport Engineering, Master Academic Studies			
5.	S0I591	Quality System in Road Transport				(S00) Traf Studies	 D) Traffic and Transport Engineering, Master Academic ies 		
6.	S0I592	Project Evaluation				(S00) Traf Studies	S00) Traffic and Transport Engineering, Master Academic Studies		
7.	S0I594	Traffic Forecasts				(S00) Traffic and Transport Engineering, Master Academic Studies			
8.	S0MJ4	Planning of Public transport				(S00) Traffic and Transport Engineering, Master Academic Studies			
9.	SOP2	Transp	oortation De	emand Management		(S00) Traf Studies	fic and Transport Engineering, Master Academic		
10.	SDI6	Optimi	zation of th	e Goods Transportation P	rocess	(OM1) Mathematics in Engineering, Doctoral Academic Studies			
44	0017	Deres	..			<u> </u>	fic Engineering, Doctoral Academic Studies		
11. 12.	SDI7 DSSK3A		-	port Process Optimization			fic Engineering, Doctoral Academic Studies		
				nulation of road traffic flow		<u>`</u>	fic Engineering, Doctoral Academic Studies		
13. 14.	DSSK4 DSSK6			nd development of transpo an transport systems		(S00) Traffic Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies			
				num 5, not more than 10)					
- i			`		otroporte a l				
1.				unović, Sistemi javnog aut	•				
2.	Technics	Techno	logies Edu	cation Management / TTE	M, 2013, Vol. 8	3, No 1.2/3,			
3.	passenge	er comfo	ort, Scientifi	c Research and Essays, 2	2012, Vol. 7, No	o 32, pp. 28	/ irregularity in public transport on in-vehicle 74-2881, ISSN 1992-2248		
4.				Radojković M., Pitka P.: 5. 65-69, ISSN 0351-1898			put" for Monitoring and Controlling Transport,		
5.	Pavle Gladović, Milorad Eskić, Milan Simeunović, 16. Geometrijski model upravljanja procesom preventivnog održavanja fuzzy logikom, Časopis "TEHNIKA", br. 4/5 Beograd 2003, str 7-17.								
6.				unović, Milica Miličić, Kvali), Beograd 2004.	itet usluge u dr	umskom tra	nsportu, Časopis Saveza inženjera i tehničara		
7.							/nom prevozu putnika, str. 245-251 10th QM-2007 Belgrade, Serbia, 13-14 June 2007.		
8.				imeunović, Ravnomernos NJA SAOBRAĆAJA U GR			ta usluge u javnom prevozu, "SAVREMENE I9. X.2007		
9.				itanisaljević, Milan Simeur vozu putnika, JUŽEL, Vrn			aspodeli putovanja po podsistemima u javnom -536		

UNIVERSITY	OF	NOVI	SAD
------------	----	------	-----





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Representative refferences (minimum 5, not more than 10)
representative renerences (minimum 5, not more than 10)

10.	 Pavle Gladović, Mllan Simeunović, Milica Miličić, Zahtevani kvalitet usluge sistema javnog gradskog i prigradskog prevoza putnika, 10th International Conference DEPENDABILITY AND QUALITY MANAGEMENT ICDQM-2007 Belgrade, Serbia, 13-14 June 2007.str 269-275 							
Summary data for teacher's scientific or art and professional activity:								
Quo	Quotation total : 1							
Total of SCI(SSCI) list papers : 2								
Curr	ent projects :	Domestic :	1	International :	0			





Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and la		9:		Simić S. Dragan				
Academic til				Assistant Professor				
Name of the starting date		on where the te	eacher works full time and					
Scientific or					01.03.2009 Integral Transport and Logistics			
Academic ca		Year	Institution			Field		
Academic til			Faculty of Technical Sci	ianaga Navi Sad		Integral Transport and Logistics		
PhD thesis		2003	Faculty of Sciences - No		au	Informatics and Computing		
Magister the	eis	2004	Faculty of Technical Sci			Informatics and Computing		
Bachelor's t		1987	Faculty of Technical Sci			Electronics and Telecommunications		
			· ·					
List of courses being held by the teacher in the accredited study programmes								
ID	ID Course name				Study programme name, study type			
1. S013	321 Inf	ormation techn	ology basics			tal Traffic and Telecommunications, uate Academic Studies		
2. S02	24N Inf	ormation techn	ologies in transport		(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies		
3. SOI	598 E-I	ogistics			(S00) Traf Studies	fic and Transport Engineering, Master Academic		
4. BMIN	14E Da	ta analysis in o	clinical research		(BM0) Bio	medical Engineering, Master Academic Studies		
5. SON	S0M22 PROJECT MANAGEMENT				(S00) Traffic and Transport Engineering, Master Academic Studies			
6. SI	SI593 Information systems for managing Enterprise resource planing			se resource	(S01) Postal Traffic and Telecommunications, Master Academic Studies			
7. DSA	DSA00 Logistics of Heterogeneous Intensive Processes			esses	(S00) Traffic Engineering, Doctoral Academic Studies			
8. DSI	DSIM9 E-logistics				(S00) Traffic Engineering, Doctoral Academic Studies			
9. DS	SN1 Lo	N1 Logistics Systems			(OM1) Mathematics in Engineering, Doctoral Academic Studies			
10. DSS	SL2 Selected topics from inventory management			nt	(S00) Traf	fic Engineering, Doctoral Academic Studies		
11. DSS					(S00) Traf	fic Engineering, Doctoral Academic Studies		
12. DSS					(S00) Traf	fic Engineering, Doctoral Academic Studies		
Represent	ative reff	ferences (minir	num 5, not more than 10)					
			ć, Svetlana Simić, "Insolvo 36-549 (2012) ISSN 1367		for assessi	ng corporate financial health". Logic Journal of the		
2. Svetl work	ana Sim ing popu	ić, Dragan Sim Iation". Health	iić, Milan Cvijanović. "Clini MED – Vol. 6, Num. 4, 2	ical and socio-c 012. pp. 1341-	demographic 1347. ISSN:	c characteristics of tension type headache in 1840-2991		
		, 0	an: "Relationship betweer (2010) pp. 21-28	n sociodemogra	aphic charac	teristics and migraine in working women".		
						em for financial prediction", In: Mu-Yen Chen (ed.) lag, Berlin Heidelberg (2007). ISSN 1432-7643		
5. Ali, F	Ioriana E		"Innovations in Applied A			Reasoning for Financial Prediction, In: Moonis ol. 3533, pp. 839-841. Springer-Verlag, Berlin		
Drag 6. Distri	an Simić ibution","	, Svetlana Sim Hybrid Artificia	nić, "Hybrid Artificial Intellig			cle Routing Problem in Logistics Springer-Verlag Berlin Heidelberg (2012), DOI:		
Drag 7. Activ	an Simić	, Dragana Milu	utinović, Svetlana Simić, V			ent Classification System in Nursing Logistics pringer-Verlag, Berlin Heidelberg (2011). ISSN		
8 Drag	an Simić					Applications in Clinical Neurology", "Hybrid lin Heidelberg (2011). ISSN 0302-9743		
9. AND	SOFT C		vol. 95, Computer Recogn			n in Logistics", "ADVANCES IN INTELLIGENT 26, ISSN 1867-5662, ISBN 978-3-642-20319-0,		
	Ilija Tanackov, Dragan Simić, Sinisa Sremac, Jovan Tepić, Suncica Kocić-Tanackov: "Markovian Ants in a Queuing System", "Hybrid Artificial Intelligent Systems", LNAI vol. 6076, pp. 32-39. Springer-Verlag, Berlin Heidelberg (2010). ISSN 0302-9743							
Summary	data for t	teacher's scien	tific or art and professiona	al activity:				
Quotation to	otal :		0					

SITAS STUD		WHKNX H			
NA COR	FACULTY OF TECHNICAL SC	STATE -			
THE OCCUPY	Study F	Con			
PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HO
Total of SCI(SSCI)) list papers :	6			
Current projects :		Domestic :	1	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name: Academic title:					Spasić T. Dragan		
					Full Professor Faculty of Technical Sciences - Novi Sad		
					,	chnical Scie	nces - Novi Sad
	ntific or art f	ield:			01.09.1985 Mechanics		
	emic carie		Year	Institution	Wechanics		Field
					anaga Navi Si	. d	
	emic title el thesis	lection.	2005 1993	Faculty of Technical Sci Faculty of Technical Sci			Mechanics Mechanics
				,		au	Mechanics
- Ŭ	ster thesis		1991	Faculty of Mathematics	•	- d	
	elor's thesis	-	1884	Faculty of Technical Sci			Information-Communication Systems
LIST	of courses b	eing ne	Id by the tea	acher in the accredited stu	ldy programme	S	
	ID	Course	e name			Study pro	gramme name, study type
						(A00) Arch	nitecture, Undergraduate Academic Studies
1.	A207	Mecha	inics			(F10) Eng Studies	ineering Animation, Undergraduate Academic
						(H00) Med	chatronics, Undergraduate Academic Studies
2.	H112	Mecha	inics 1 – Fu	ndamentals		(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies
3.	H201	Mecha	inics 2 - Ge	neral		(H00) Med	chatronics, Undergraduate Academic Studies
4.	H303	Mecha	tronics 3 –	Further Chapters		(H00) Med	chatronics, Undergraduate Academic Studies
						(F10) Eng Studies	ineering Animation, Undergraduate Academic
5.	1600	Industi	rial Robotic	S		(MR0) Measurement and Control Engineering, Undergraduate Academic Studies	
							er, Electronic and Telecommunication g, Undergraduate Academic Studies
6.	M4302	Biomechanics and mechanics of sport					hnical Mechanics and Technical Design, uate Academic Studies
7.	ASO	Introduction to engineering					nic Architecture, Technique and Design, uate Academic Studies
8.	BMI127	Biome	chanics			Studies	medical Engineering, Undergraduate Academic
						Èngineerin	er, Electronic and Telecommunication g, Undergraduate Academic Studies
9.	BMI128	Contin	uum Biome	chanics		(BM0) Bio Studies	medical Engineering, Undergraduate Academic
10.	BMI96	Mecha	inics			Studies	medical Engineering, Undergraduate Academic
11.	II1004	Mecha	inics and In	dustrial Engineering		Studies	strial Engineering, Undergraduate Academic
12.	M44041	Dynam	nics of non-	smooth mechanical system	ms	Undergrad	hnical Mechanics and Technical Design, uate Academic Studies
13.	M44061	Optimi	zation of m	echanical systems			hnical Mechanics and Technical Design, uate Academic Studies
14.	BMIM4A	Transp	port phenon	nena and Living systems		(BM0) Bio	medical Engineering, Master Academic Studies
15.	M45991	Biome	chanics of o	cardiovascular system		(M40) Tec Academic	hnical Mechanics and Technical Design, Master Studies
16.	SZD051		ations of op	timal control theory in livir	ng	(Z00) Envi Studies	ironmental Engineering, Specialised Academic
17.	DM406	Nonsmooth Mechanics and Optimization				(M00) Mea (M40) Tec	chatronics, Doctoral Academic Studies chanical Engineering, Doctoral Academic Studies chnical Mechanics, Doctoral Academic Studies thematics in Engineering, Doctoral Academic
18.	DZ003	Select	ed Chapter	s in Mechanics			chanical Engineering, Doctoral Academic Studies
10.	52000	Selected Chapters in Mechanics				(1000) 1000	Sharnoa Engineering, Dooloral Adademic Oldules



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

of courses being held by the teacher in the accredited study to	
of courses being heig by the teacher in the accredited study r	nnonrammes

1 :-+ -		aine hald by the teacher is the second			1 0 0		
LIST	of courses b	eing held by the teacher in the accred	ated study programme	S			
	ID	Course name		Study program	me name, study type		
19.	ZD051	Applications of optimal control theory environment protection	y in living	(Z00) Environm Studies	ental Engineering, Doctoral	Academic	
20.	DM801	Biomedical mechanics		(M40) Technica	I Mechanics, Doctoral Acade	emic Studies	
				(H00) Mechatro	nics, Doctoral Academic Stu	dies	
21.		Theory of impost		(M00) Mechanio	cal Engineering, Doctoral Ac	ademic Studies	
21.	DTM02	Theory of impact		(M40) Technica	I Mechanics, Doctoral Acade	emic Studies	
			(S00) Traffic Engineering, Doctoral Academic S				
22.	DTM03	Biomechanical models and analysis	of impact	(M40) Technica	I Mechanics, Doctoral Acade	emic Studies	
23.	ZRD16A	Selected chapters in mechanics and	elasticity theory	(Z01) Safety at	Work, Doctoral Academic St	udies	
Rep	oresentative	refferences (minimum 5, not more th	an 10)				
1.	1. Spasić D., Glavardanov V.: Does generalized elastica lead to bimodal optimal solutions?, International Journal of Solids and Structures, 2009, Vol. 46, No 14-15, pp. 2939-2949, ISSN 0020-7683						
2.	2. Grahovac N., Žigić M., Spasić D.: On impact scripts with both fractional and dry friction type of dissipation, INT J BIFURCAT CHAOS, 2012, No Prihvaćen za štampu, ISSN 0218-1274						
3.	D. T. Spasic and T. M. Atanackovic (2004) "Bimodal ontimization of a compressed rotating rod" Acta Mechanica, 173, N.1.4, 77-						
4.	Spasić D.: Optimizing the elctrodynamical stabilization method for a man-made Earth satellite, AUTOMAT REM CONTR , 2011, Vol. 72, No 9, pp. 112-121, ISSN 0005-1179						
5.		_j., Spasić D., Atanacković T.: On a ISSN 0109-5641	mathematical model of	f a human root de	ntin , Dental Materials, 200	5, Vol. 21, pp.	
6.	Mitić G. Spasić D. Clinical Characteristic and type of thrombonbilia in women with pregnancy-related venous thromboembolic						
7.		nackovic and D. T. Spasic, (2004): "C /lechanics, 71, 134-138	n viscoelastic complia	nt contact-impact	models", Transactions of A	SME Journal of	
8.	Radovic R., Spasic D.T., Karadzic B., Novakovic B., Atanackovic J., Jelicic Z. and Tepavcevic B., (2002), ""New challenges and						
9.	Spasić D.: Boudary elements, theory and applications (English to serbian traslation done by D.T. Spasić), Beograd, Gradjevinska knjiga, 2011						
10.	BD Vujanović DT Spasić Metodi ontimizacije, primenjeni varijacioni računi analitička mehanika, ontimalno upravljanje LINS						
Sur	nmary data	for teacher's scientific or art and profe	essional activity:				
	ation total :		16				
Total of SCI(SSCI) list papers : 8							
Current projects : Domestic : 1 International : 0							



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

	Name and last name: Academic title:					Stojanović M. Đurđica			
					Assistant Professor Faculty of Technical Sciences - Novi Sad				
starting date:					26.01.1996	chinical Scle	IILES - INOVI DAU		
Scientific or art field:					Integral Transport and Logistics				
	lemic carie		Year	Institution	integral trans		Field		
	emic title el		2010	Faculty of Technical Sci	ences - Novi Si	ad	Integral Transport and Logistics		
	thesis		2010	Faculty of Technical Sci			Integral Transport and Logistics		
	ster thesis		2002	Faculty of Technical Sci			Integral Transport and Logistics		
	elor's thesis	s	1994	Faculty of Technical Sci			Traffic Systems		
		-							
List of courses being held by the teacher in the accredited study programmes									
	ID	Course	e name			Study pro	gramme name, study type		
1.	S0212	Freigh	t Forwardin	q		Academic			
							tal Traffic and Telecommunications, uate Academic Studies		
2.	S0330	Interm	odal Trans	port Technology		Academic			
3.	S01552	Freigh	t forwarding	g in postal traffic			tal Traffic and Telecommunications, uate Academic Studies		
4.	LIM31	Revers	se and Gre	en logistics		(S00) Traf Studies	fic and Transport Engineering, Master Academic		
5.	LIM01	Fundamentals of Logistics				(LIM) Logi Academic	istic Engineering and Management, Master Studies		
6.	LIM03	Technologies of Combined Transport				(LIM) Logi Academic	istic Engineering and Management, Master Studies		
7.	LIM09	External Logistic System Planning					(LIM) Logistic Engineering and Management, Master Academic Studies		
8.	LIM11	Supply Chain Design and Management				(LIM) Logi Academic	istic Engineering and Management, Master Studies		
9.	LIM22	Logistic Controlling and Benchmarking				(LIM) Logi Academic	istic Engineering and Management, Master Studies		
10.	LIM23	Logisti	c Centers			(LIM) Logi Academic	istic Engineering and Management, Master Studies		
11.	LIM24	Urban	Logistics			(LIM) Logi Academic	istic Engineering and Management, Master Studies		
12.	LIM26	Interna	ational Logi	stics and Global Supply C	hains	(LIM) Logi Academic	istic Engineering and Management, Master Studies		
13.	DSSL1	Supply	/ chain mar	nagement		(S00) Traf	fic Engineering, Doctoral Academic Studies		
14.	DSSL2	Select	ed topics fr	om inventory managemen	nt	(S00) Traf	fic Engineering, Doctoral Academic Studies		
15.	DSSL5	Sustai	nable Logis	stics		(S00) Traf	fic Engineering, Doctoral Academic Studies		
16.	DSSL6	Logisti	ics outsourd	cing		(S00) Traf	fic Engineering, Doctoral Academic Studies		
Rep	oresentative	e reffere	nces (minin	num 5, not more than 10)					
1.	Gajić, V. 2007	Cakić, E	D.: "Praktiku	um iz špedicije – elementi	teorije, primeri	i zadaci", iz	davač FTN, ISBN 978-86-7892-052-3, Novi Sad,		
2.	Stojanović Đ., Gajić V. · Praktikum iz špedicije - elementi teorije, primeri i zadaci, drugo izmenjeno i dopunjeno izdanje. Novi Sad								
3.	Stojanović D. Veličković M. THE IMPACT OF FREIGHT TRANSPORT ON GREENHOUSE GASES EMISSIONS IN SERBIAN								
4.				Nikoličić S.: Serbian interr actions on Mechanics, 200			cientific Bulletin of the "Politehnica" University of 224-6077		
5.	Internatio	nal Jou	rnal of Strat				-marketplace - The Serbian Perspective, Strategic Management, 2008, Vol. 1, No. 1, str.		
6.		ć Đ., Ve			ki orijentisane u	irbane logist	ike, Ekologica, 2012, Vol. 19, No 66, pp. 195-200,		

SITAS STUDE UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering Representative refferences (minimum 5, not more than 10) Tomic I., Stojanović D., Maslarić M.: Trends in forwarding industry in Serbia and the role of small and medium forwarding enterprises (SMFEs), 12. XIIth International Symposium "Young people and multidisciplinary research", Timisoara: Association for 7 Multidisciplinary Research of the West Zone of Romania, 11-12 Novembar, 2010, pp. 50-55, ISBN 1843-6609 Veličković M., Stojanović Đ., Basarić V.: An approach to city logistics terminal location problem in Novi Sad, Scientific Bulletin of 8 the "Politehnica" University of Timisoara, Romania, Transactions on Mechanics, 2011, ISSN 1224-6077 llin V., Stojanović D., Gajić V.: The characteristics of reverse logistics in small and medium enterprises (SMEs) in Novi Sad, 11. 9 International Conference on Industrial Logistics, Zadar: Faculty of Mechanical Engineering and Naval Architecture, 14-16 Jun, 2012, pp. 376-383, ISBN 978-953-7738-16-7 Logistički autsorsing, FTN, 2012 (dato na recenziju) 10 Summary data for teacher's scientific or art and professional activity: Quotation total 0 Total of SCI(SSCI) list papers : 1 2 International : Current projects Domestic : 1



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Acade Name startin Scien Acade Acade	ng date:		where the te		Stojić S. Goro Assistant Pro			
Name startin Scien Acade Acade	e of the inst ng date: tific or art f emic cariee	titution v	where the te		Assistant Professor			
startin Scien Acado Acado PhD t	ng date: tific or art f emic caries			achor works full time and				
Scient Acade Acade PhD t	tific or art f emic cariee	starting date:						
Acad PhD 1		Scientific or art field:					ologies	
Acad PhD 1			Year	Institution			Field	
PhD 1			2011	Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies	
			2010	Faculty of Technical Sci			Traffic Engineering	
IVIAU			2003	Faculty of Transport and				
magic	ster thesis		2003	Beograd Faculty of Transport and	Troffic Engine	oring	Traffic Engineering	
	elor's thesis		1996	Beograd			Transport System Technologies	
List of courses being held by the teacher in the accredited study programmes								
	ID	Course	e name			Study pro	gramme name, study type	
							fic and Transport Engineering, Undergraduate	
1.	S015A	Knowle	edge of Go	ods in Transport 1		Academic		
						· · ·	tal Traffic and Telecommunications, uate Academic Studies	
							fic and Transport Engineering, Undergraduate	
2.	S0323	Railwa	y Transpor	t Technology		Academic		
							tal Traffic and Telecommunications, uate Academic Studies	
	00000	0	notion -f D			v	fic and Transport Engineering, Undergraduate	
3.	S0328	Organ	zation of R	ailway Transport		Academic	Studies	
4.	S0I5N2	Urban-	Suburban	Rail Transport of Passeng	ers	(S00) Traf Academic	fic and Transport Engineering, Undergraduate Studies	
5.	S0I52Ž	Technology of Railway Stations				(S00) Traf Studies	fic and Transport Engineering, Master Academic	
6.	S0I5ŽS	Railway Lines and Stations				(S00) Traf Studies	S00) Traffic and Transport Engineering, Master Academic tudies	
7.	S0M4	Modell	ing of Traff	ic and Transport		(S00) Traf Studies	fic and Transport Engineering, Master Academic	
8.	DSSO1			s of Railway Safety		(S00) Traf	fic Engineering, Doctoral Academic Studies	
9.	DSSO5	Optimi Transp		nods and Technology Cap	acity in Rail	(S00) Traf	fic Engineering, Doctoral Academic Studies	
10.	DSSO6		ansport Lo	gistics		(S00) Traf	fic Engineering, Doctoral Academic Studies	
Rep	resentative	e refferei	nces (minin	num 5, not more than 10)				
1.				ackov, I., Milinković, S.: M),177), Vol. 24, No. 2, 2012			ture Management Organization, Promet – 4069	
2.	Stojić, G.	: Using	Fuzzy Logi		of Countries' (F	Regions') Ec	conomic Development, Panoeconomicus	
3.	Dimanos međunar	ki, K., Sl odni sim	tojić, G., Ve pozijum "N	sković, S., Branović, I.: M ovi horizonti saobraćaja i	odel za determ	inisanje kva	liteta usluga u putničkom železničkom prevozu, III 3-47, ISBN 978-99955-36-28-2, Doboj, Bosna i	
4.	Dimanos	ki, K., Si	tojić, G., Ve				chnology and Capacity of Border Railway 71-379, ISSN: 1848-4069	
5.	Vesković	, S., Tep	oić, J., Ivić,	1 (, ,	S.: Model for P	redicting the	Frequency of Broken Rails, Metalurgija	
6.	Tepić, J.,	Todić, V	V., Tanacko		Sremac, S.: M	odular syste	em design for plastic euro pallets, Metalurgija	
7.	Vesković	, S., Đor	đević, Ž., ľ	vić, M., Stojić, G., Tepić, J	, Tanackov, I.:	Necessity a	nd effects of dynamic system for railway wheel	
8.	 defect detection, Metalurgija (IF=0,348), Croatian Metallurgical Society, Vol. 51, No.3, pp. 333-336, 2012, ISSN: 0543-5846 Stojić, G., Tanackov, I., Vesković, S., Milinković, S. and Simić, D.: Modelling Evaluation of Railway Reform Level Using Fuzzy Logic, Lecture Notes in Computer Science/Lecture Notes in Artificial Intelligence, Springer Berlin/Heidelberg, Volume 5788/2009, pp. 695-702, September 2009. ISSN: 0302-9743 							
9.	Vesković Internatio	, S., Rai onal Jour	čević, V., S mal for Tra	tojić, G., Milinković, S.: M			enger Rail Liberalisation: The Case of Serbia, LUME 2 (3), 2012, pp. 202-220, DOI:	

HIND ALL				WAKNX A.		
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
		Study F	Con Participation			
.0	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Traffic a	nd Transport Engineering	e Hou
Re	presentative r	efferences (minimum 5, not more th	an 10)			
10.	Tepić, J., T professiona	anackov, I., Stojić, G.: Ancient Logi al Journal of Technical Faculties of l	stics – Historical Time Jniversity in Osijek, Vo	line and Etimolog ol. 18 No. 3, Sept	y, Technical Gazette (IF=0,0 ember 2011, pp. 379-384, IS	083), Scientific- SSN 1330-3651
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:			
Quotation total :			3			
Tota	I of SCI(SSCI)) list papers :	7			
Curr	ent projects :		Domestic :	2	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame.			Šafranj F. Jel	saveta			
-	lemic title:	anio.			Assistant Professor				
		itution w	where the te	acher works full time and					
	ing date:				15.10.2000				
	ntific or art f	ield:			English				
Acad	lemic cariee	er	Year	Institution			Field		
Academic title election: 2009 Faculty of Technical Sci			ences - Novi Sa	ad	English				
PhD	thesis		2008	Faculty of Philology - Be	eograd		English		
0	ster thesis		2000	Faculty of Philology - Be	eograd		English		
Educ Thes	ation Speci	alist	1994	Faculty of Philology - Be	eograd		English		
	elor's thesis	3	1982	Faculty of Philosophy - I	Novi Sad		English		
List o	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	S			
	ID	Course	e name			Study pro	ogramme name, study type		
1.	AEJ1L	Englis	h Language	e - Elementary		(A00) Arch	hitecture, Undergraduate Academic Studies		
2.	AEJ2L	Englis	h Language	e intermediate		(A00) Arch	hitecture, Undergraduate Academic Studies		
3.	AEJ2Z	English intermediate				(A00) Arch	0) Architecture, Undergraduate Academic Studies		
4.	AEJ3Z	English Language - upper intermediate				(A00) Arch	hitecture, Undergraduate Academic Studies		
5.	EJ01L	English Language – Elementary				(M20) Mee Undergrad (M30) Ene Academic (M40) Tec Undergrad (P00) Proo Studies (S00) Traf Academic (S01) Pos	chnical Mechanics and Technical Design, luate Academic Studies duction Engineering, Undergraduate Academic ffic and Transport Engineering, Undergraduate		
6.	EJ01Z	English Language - Elementary				Engineerin (F00) Graj Academic (MR0) Me Undergrad (Z01) Safe (ZC0) Clea Academic (ZP0) Disa Undergrad	asurement and Control Engineering, luate Academic Studies ety at Work, Undergraduate Academic Studies an Energy Technologies, Undergraduate		

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

665	UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering						
List c	of courses b	eing held by the teacher in the accredited study programme	25				
	ID	Course name	Study programme name, study type				
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies				
7.	EJ02L	English Language – Pre-Intermediate	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies				
			(Z01) Safety at Work, Undergraduate Academic Studies				
			(ZC0) Clean Energy Technologies, Undergraduate Academic Studies				
			(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies				
			(Z20) Environmental Engineering, Undergraduate Academic Studies				
			(I10) Industrial Engineering, Undergraduate Academic Studies				
8.	EJ02Z	English Language – Pre-Intermediate	(I20) Engineering Management, Undergraduate Academic Studies				
0.	LJUZZ	Lingiish Language – Fre-internetiate	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies				
			(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies				
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
			(MR0) Measurement and Control Engineering, Undergraduate Academic Studies				
9.	EJ03Z	English Language - Intermediate	(Z01) Safety at Work, Undergraduate Academic Studies				
			(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
			(Z20) Environmental Engineering, Undergraduate Academic Studies				
			(F00) Graphic Engineering and Design, Undergraduate Academic Studies				
			(Z01) Safety at Work, Undergraduate Academic Studies				
10.	EJ04L	English Language – Upper Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies				
			(Z20) Environmental Engineering, Undergraduate Academic Studies				
			(E20) Computing and Control Engineering, Undergraduate Academic Studies				
			(ES0) Power Software Engineering, Undergraduate Academic Studies				
			(F10) Engineering Animation, Undergraduate Academic Studies				
11.	EJ1Z	English Language - Elementary	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies				

(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies

(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies

(AH0) Architecture, Master Academic Studies

STAS STUDIORUM

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

LISU		leing held by the teacher in the accredited study programm	
	ID	Course name	Study programme name, study type
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
12.	EJ2L	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(ES0) Power Software Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
13.	EJ2Z	English Language – Intermediate	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
			(AH0) Architecture, Master Academic Studies
			(E20) Computing and Control Engineering, Undergraduate Academic Studies
			(F10) Engineering Animation, Undergraduate Academic Studies
14.	EJ3L	English Language – Advanced	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
			(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
			(SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies
			(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
23.	EJM	English Language – ESP Course	(M30) Energy and Process Engineering, Undergraduate Academic Studies
23.	EJIVI	Lingiish Language - ESF Course	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
			(P00) Production Engineering, Undergraduate Academic Studies
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies

SITAS STUD

UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

of courses being held by the teacher in the accredited study pro	ogrammes

List o	of courses b	eing held by the teacher in the accredited study programm	List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type					
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies					
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies					
29.	ISIT01	English Language 1	(SII) Software and Information Technologies (Inđija), Undergraduate Professional Studies					
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies					
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies					
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies					
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies					
34.	EJIIM	English for Specific Purposes	 (110) Industrial Engineering, Undergraduate Academic Studies (120) Engineering Management, Undergraduate Academic Studies 					
35.	ETI15	Engleski jezik - srednji	Studies (E02) Electronics and Telecommunications, Undergraduate Professional Studies					
36.	ETI20	Engleski jezik - napredni	(E02) Electronics and Telecommunications, Undergraduate Professional Studies					
37.	EJ1Z	English Language - Elementary	 (E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, 					
			Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies					
			(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies					
38.	EJ2Z	English Language – Intermediate	 (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies 					
			 (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies 					
39.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies					
40.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies					
41.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies					
42.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies					
	orosontative	refferences (minimum 5, not more than 10)						

SIT	AS STUD		UNIVERSITY OF NO	VI SAD		WHIKHX Ha					
	(HORL	FACULTY OF TECHNICAL SCI	ENCES 21000 NOVI S	SAD, TRG DOSIT	EJA OBRADOVIĆA 6						
23	Second States	Study F	Study Programme Accreditation								
OPI	ANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Traffic an	nd Transport Engineering	NOP HOP					
Repr	resentative re	efferences (minimum 5, not more th	an 10)								
1.	Analiza disł	kursa udžbenika engleskog jezika, l	Monografija, Zadužbina	a Andrejević, Beo	grad 2006.						
2.	Retorička o	rganizacija poslovne vesti, Monogra	afija, Zadužbina Andre	jević, Beograd 20	09.						
3.	Engleski jez	zik za GRID 3 - Academic Writing fo	or Graphic Engineering	and Design, FTN	V Izdavaštvo, Novi Sad 201	2.					
4.	Using Interr	net in English Language Teaching,	NEW EDUCATIONAL	REVIEW, (2011)	, vol. 26 br. 4, str. 45-59.						
5.		of English Language Teachers Cor 2011), vol. 23 br. 1, str. 269-282.	ncerning Computer As	sisted Language	Learning (Call), NEW EDUC	CATIONAL					
6.		i aspekt udžbenika engleskog jezika ogija, 2009, 1, str.133-145.	a,								
7.		communicative Competence, k Instituta za pedagoška istraživanja	a, 2009, 1, str. 180-195	5.							
8.	Retorička a	naliza lida poslovne vesti, Zbo	rnik Matice Srpske za	filologiju i lingvisti	iku, 2011, 1, str.191-210.						
9.		ects of Technical Statements in Pow Ee 2001, str.150-153.	ver Engineering, Zborn	ik radova, XI Međ	lunarodni simpozijum Energ	jetska					
10.	Genre Analysis of Research Abstract of an Engineering Scientific Paper, In Proceedings of English Language and Literature Studies: Interfaces and Integrations, 10-12 December 2004, Faculty of Philology, Belgrade, pp.365-374.										
Sum	Summary data for teacher's scientific or art and professional activity:										
Quotation total : 0											
Total of	of SCI(SSCI)	list papers :	20			· ·					
Currer	nt projects :		Domestic :	0	International :	1					



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame:			Štulić B. Radovan			
	emic title:				Full Professor			
Name	e of the inst	titution v	vhere the te	acher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
	ng date:				01.11.1990			
Scier	ntific or art f	ield:			Geometric Sp	ace Theory	and Interpretation in Architecture and Urbanism	
Acad	emic cariee	er	Year	Institution	Field		Field	
Acad	emic title el	lection:	2006	University of Novi Sad -	Novi Sad		Geometric Space Theory and Interpretation in Architecture and Urbanism	
PhD	thesis		1997	Faculty of Architecture -	Beograd		Geometric Space Theory and Interpretation in Architecture and Urbanism	
Magi	ster thesis		1994	Faculty of Architecture -	Beograd		Geometric Space Theory and Interpretation in Architecture and Urbanism	
Bach	elor's thesis	S	1990	Faculty of Technical Scie	ences - Novi Sa	ad	Deformable Body Mechanics	
List o	f courses b	eing he	ld by the tea	acher in the accredited stu	udy programme	S		
	ID	Course	e name			Study pro	ogramme name, study type	
1.	A102	Descri	ptive Geom	etry 2		(A00) Arcl	hitecture, Undergraduate Academic Studies	
2.	A183	Geom	etry and Vis	sualization of Free Forms		(A00) Arcl	hitecture, Undergraduate Academic Studies	
3.	A555	Perspe	ective			(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
4.	AD06	Descri	ptive Geom	etry 1		(A00) Arcl	hitecture, Undergraduate Academic Studies	
5.	GG03	Descri	ptive Geom	etry		(G00) Civi	il Engineering, Undergraduate Academic Studies	
6.	GI104	Descri	ptive Geom	etry in Geomatics		(GI0) Geo Studies	desy and Geomatics, Undergraduate Academic	
7.	S012	Descri	ptive Geom	etry and Engineering Drav	wing	Academic (S01) Pos	fic and Transport Engineering, Undergraduate Studies tal Traffic and Telecommunications, uate Academic Studies	
8.	Z418	Geom	etry of Eco-	spatial Visualization		-	ronmental Engineering, Undergraduate Academic	
9.	IA007	Geom	etry and Vis	sualization of 3D Space		(F10) Engineering Animation, Undergraduate Academic Studies		
10.	IA015	Applica	ation of Eng	ineering Animation		(F10) Engineering Animation, Undergraduate Academic Studies		
11.	ASO5	Descri	ptive Geom	etry with Perspective 1		(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		
12.	ASO9	Descri	ptive Geom	etry with Perspective 2			enic Architecture, Technique and Design, luate Academic Studies	
13.	A116DS		n technique entation	es of the geometric space		l` ´	hitecture, Specialised Academic Studies desy and Geomatics, Specialised Academic	
14.	A118SB	Geom	etric theorie	s in architectural structure	es' generation	(A00) Arcl	hitecture, Specialised Academic Studies	
15.	AD0013	Theory	of curves	and surfaces		, , U	ital Techniques, Design and Production in re and Urban Planning, Master Academic Studies	
16.	A116B	Geom Gener		es in Architectural Structur	res'	(A00) Arcl	hitecture, Doctoral Academic Studies	
17.	A116E		n technique entation	es of the geometric space		· /	hitecture, Doctoral Academic Studies enic Design, Doctoral Academic Studies	
				um 5, not more than 10)				
- Rep 1.	Representative refferences (minimum 5, not more than 10) 1. Štulić R., Obradović R.: Ideal Shape of a Non-stressed Piston Ring, Agricultural Engineering 1 (1995) 3-4, pp. 78-83.							
2.	Štulić R.:	Space	Restitution	of a Birational Qudratic Tr	ansformation, I	Proceedings	s of the 8th ASEE International Conference on	
3.	Miljković	N., Štuli	ć R., Erceg	an G., Jandrić Z.: Comput	ter Aided Evalu		1998. Vol. 3, pp. 707-711. al Hip Prosthesis Stability, ISGG ASEE Journal	
				Volume 2 (1998), No. 2, p	-	Contour Li-	a Datermination and Shading of Surfaces of	
4.							e Determination and Shading of Surfaces of bl. 2., No.1, 1999., pp. 31-40.	

and and	TAS STUDIO	FACULTY OF TECHNICAL SCI	UNIVERSITY OF NO			SHIMKMX MAL				
END-26	A CANANA AND AND AND AND AND AND AND AND AN		Programme A			Con Con				
9	LANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HO				
Re	presentative r	efferences (minimum 5, not more th	an 10)							
5.		andrić Z., Milojević Z.: Polar Cylinde NO. 3, (1999), pp. 349-356 .	rs of Surfaces of Revo	olution: Contour L	ine Determination, Journal	for Mathematics,				
6.		L., Štulić R.: Uniform Constructions ska Proceedings for Natural Scienc			Zbornik Matice srpske za pri	irodne nauke				
7.		ovniković L.: The Importance of Pro al Symposium, Interdisciplinary Reg				the 6th				
8.		droulias I.: On Particularities of Spa al Conference on Geometry and Gra			sformation, Proceedings of	the 10th				
9.		tanacković J.: Implementation of Co ersitatis, Vol. 2, No 5, 2003., pp. 379		In Descriptive Ge	cometry Teaching: Surfaces	of Revolution,				
10.		Štulić R., Šiđanin P.: On the Flexibil s of the 1st International Conferenc								
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:							
Quot	tation total :		0							
Tota	Total of SCI(SSCI) list papers : 0									
Current projects : Domestic : 1 International : 1										



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Academic stile: Associate Professor Name of the institution where the teacher works full time and Faculty of Tachnical Sciences - Novi Sad Scientific or art field: Transport System Technologies Academic catter Yaar Institution Field Transport System Technologies Academic stile election: 2004 Faculty of Technical Sciences - Novi Sad Traffic Systems PhD thesis 2004 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1996 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1996 Faculty of Technical Sciences - Novi Sad Traffic Systems List of courses being held by the teacher in the accredited study programmes Traffic Systems Eacher Studies 1. S015A Knowledge of Goods in Transport 1 (Study programme name, study type 2. S0323 Railway Transport Technology (Study Intrasport Engineering, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (ZP0) Disaster Risk Management and Fire Safety. 4. S0155 Fundamentals of air transport (S000) Traffic and Transport Engineering, Master Academ St	Nom	and last a	amo:			Tanackov J. Ilija				
Name of the institution where the teacher works full time and tarting date. Faculty of Technical Sciences - Novi Sad Scentific or art field: Transport System Technologies Academic time (carrier) Year Institution Field Academic time (carrier) Year Institution Field Academic time (carrier) Year Faculty of Technical Sciences - Novi Sad Transport System Technologies Academic time (carrier) 1999 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1999 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1999 Faculty of Technical Sciences - Novi Sad Traffic Systems List of courses being held by the teacher in the accredited study programmes Study programme name, study type List of courses being held by the teacher in the accredited study programme studies (Sot) Protein Traffic and Telecommunications. 1. S015A Knowledge of Goods in Transport 1 (Sot) Protein Traffic and Telecommunications. 2. S0323 Railway Transport Technology (ZPO) Disader Traffic and Telecommunications. 3. UR2P298 Risks in Manipulating Hazardous Subtances			ani c .				,			
starting date: 20.08.1996 Scientific or at field: Transport System Technologies Academic anteer Year Institution Field Academic anteer 2009 Faculty of Technical Sciences - Novi Sad Transport System Technologies Magister thesis 1999 Faculty of Transport and Traffic Engineering - Traffic Systems Traffic Systems List of courses being held by the teacher in the accredited study programmes Traffic Systems Eacher of Transport and Traffic Engineering - Traffic Systems 1. S015A Knowledge of Goods in Transport 1 (S00) Traffic and Transport Engineering. Undergraduate Academic Studies 2. S0323 Railway Transport Technology (S00) Traffic and Transport Engineering. Undergraduate Academic Studies 3. URZP38 Risks in Manipulating Hazardous Substances (ZP0) Disater Risk Management and Filesommunications, Undergraduate Academic Studies 5. S0152 Fundamentals of air transport. (S00) Traffic and Transport Engineering. Master Academ Studies 4. S0155 Fundamentals of air transport. (S00) Traffic and Transport Engineering. Master Academ Studies 5. S0152 Railway Lines and Statons (S00) Traffic and Transport En			itution	vhere the te	acher works full time and			nces - Novi Sad		
Scientific or art field: Transport System Technologies Academic caneer Year Institution Field Field Academic tile decion: 2004 Faculty of Technical Sciences - Novi Sad Transport System Technologies Magister thesis 1999 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1996 Faculty of Technical Sciences - Novi Sad Traffic Systems Elst of courses being held by the teacher in the accredited study programmes Traffic Systems Teaffic Systems List of courses being held by the teacher in the accredited study programmes (S00) Traffic and Transport Engineering. Undergraduate Academic Studies 1. S016A Knowledge of Goods in Transport 1 (S00) Traffic and Transport Engineering. Undergraduate Academic Studies 2. S0323 Reilway Transport Technology (S00) Traffic and Transport Engineering. Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (CP0) Diaseter Risk Management and Fire Safety. Undergraduate Academic Studies 4. S01551 Fundamentals of air transport (S01) Traffic and Transport Engineering. Master Academ Studies 5. S01522 Raiii Transport						, ,				
Academic carlier Year Institution Field Academic title election: 2009 Faculty of Technical Sciences - Novi Sad Traffic Systems Magister thesis 1999 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1996 Faculty of Trasport and Traffic Engineering - Beograd Traffic Systems List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1. S015A Knowledge of Goods in Transport 1 (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 2. S0323 Railway Transport Technology (S01) Postal Traffic and Telecommunications. Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (S01) Postal Traffic and Telecommunications. Undergraduate Academic Studies 5. S01532 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academic Studies 6. S01523 Railway Lines and Stations (S00) Traffic and Transport Engineering, Master Academic Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academic Studies 8. S0H4		-	ield:				stem Techno	ologies		
PhD thesis 2004 Faculty of Technical Sciences - Novi Sad Traffic Systems Magister thesis 1999 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1996 Faculty of Transport and Traffic Engineering - Traffic Systems Traffic Systems List of courses being held by the teacher in the accredited study programmes Traffic Systems Traffic Systems List of courses being held by the teacher in the accredited study programmes Study programme name, study type 1 S015A Knowledge of Goods in Transport 1 (S00) Traffic and Transport Engineering. Undergraduate Academic Studies 2 S0323 Railway Transport Technology (S00) Traffic and Transport Engineering. Undergraduate Academic Studies 3 URZP36 Risks in Manipulating Hazardous Substances (ZP0) Disaster Risk Management and Fire Safety. Undergraduate Academic Studies 6. S0152 Rail Transport Safety S00) Traffic and Transport Engineering, Master Academ Studies 7. S0M2 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. S0M4 Modelling of Traffic and Transport and Transport Engineering. Doctoral Academic Studies 9. S01622 <td>Acad</td> <td>emic cariee</td> <td>er</td> <td>Year</td> <td>Institution</td> <td> ,</td> <td></td> <td></td>	Acad	emic cariee	er	Year	Institution	,				
PhD thesis 2004 Faculty of Technical Sciences - Novi Sad Traffic Systems Magister thesis 1996 Faculty of Technical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1996 Faculty of Tansport and Traffic Engineering - Beograd Traffic Systems List of courses being held by the teacher in the accredited study programmes Study programme name, study type ID Course name Study programme name, study type 1. S015A Knowledge of Goods in Transport 1 (S00) Traffic and Tansport Engineering, Undergraduate Academic Studies 2. S0323 Railway Transport Technology (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (ZP0) Disaster Risk Management and Fire Safety. Undergraduate Academic Studies 6. S0152 Rail Transport Safety S00) Traffic and Transport Engineering, Master Academ Studies 7. S0M2 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. S0M4 Modelling of Traffic and Transport Engineering, Master Academ Studies (S00) Traffic and Transport Engineering, Master Academ Studies 9. S0152	Acad	emic title el	ection:	2009	Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies		
Magister thesis 1999 Faculty of Tachnical Sciences - Novi Sad Traffic Systems Bachelor's thesis 1996 Faculty of Transport and Traffic Engineering - Beoarad Traffic Systems List of courses being held by the teacher in the accredited study programmes Study programme name, study type ID Course name Study programme name, study type 1. S015A Knowledge of Goods in Transport 1 (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 2. S0323 Railway Transport Technology (S00) Traffic and Telecommunications, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (Z07) Disaster Risk Management and Fire Safety. Undergraduate Academic Studies 4. S0151F Fundamentals of air transport. (S01) Traffic and Transport Engineering, Master Academ Studies 6. S0152 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academ Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic Engineering, Doctoral Academic Studies 9. SD122 Expol	PhD	thesis		2004	· · ·					
Bachelor's thesis 1996 Faculty of Transport and Traffic Engineering - Beorrad Traffic Systems List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. S015A Knowledge of Goods in Transport 1 (500) Traffic and Transport Engineering, Undergraduate Academic Studies 2. S0323 Railway Transport Technology (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (JP) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 4. S01551 Fundamentals of air transport. (S00) Traffic and Transport Engineering, Master Academi Studies 5. S01632 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academi Studies 6. S01525 Railway Lines and Stations (S00) Traffic and Transport Engineering, Master Academi Studies 7. S0M24 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academi Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic and Transport Engineering, Master Academi Studies 9. SD126 Management of the Processes in Rai	Magi	ster thesis		1999	-					
List of courses being held by the teacher in the accredited study programmes ID Course name Study programme name, study type 1. S015A Knowledge of Goods in Transport 1 (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 2. S0323 Railway Transport Technology (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 3. UR2P36 Risks in Manipulating Hazardous Substances (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 4. S0155F Fundamentals of air transport. (S00) Traffic and Telecommunications, Undergraduate Academic Studies 5. S0153Z Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academi Studies 6. S0152S Railway Lines and Stations (S00) Traffic and Transport Engineering, Master Academi Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academi Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic and Transport Engineering, Master Academi Studies 9. SD12S Management of the Processes in Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 10. SD128						d Traffic Engine	ering -	Traffic Systems		
1. S015A Knowledge of Goods in Transport 1 (\$00) Traffic and Transport Engineering, Undergraduate Academic Studies 2. S0323 Railway Transport Technology (\$00) Traffic and Transport Engineering, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (\$00) Traffic and Transport Engineering, Undergraduate Academic Studies 4. S01551 Fundamentals of air transport. (\$01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S0152 Railway Lines and Stations (\$00) Traffic and Transport Engineering, Master Academic Studies 6. S0152s Railway Lines and Stations (\$00) Traffic and Transport Engineering, Master Academic Studies 7. S0M22 PROJECT MANAGEMENT (\$00) Traffic and Transport Engineering, Master Academic Studies 8. S0M4 Modelling of Traffic and Transport (\$00) Traffic and Transport Engineering, Master Academic Studies 10. SD125 Management of the Processes in Railway Vehicles (\$00) Traffic Engineering, Doctoral Academic Studies 11. DSS13 Warehause and storage (\$00) Traffic Engineering, Doctoral Academic Studies 12. DSS01 Selected Chapters of Railway Safety	List o	of courses b	eing he	ld by the te		udy programme	es			
1. S015A Knowledge of Goods in Transport 1 Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 2. S0323 Railway Transport Technology (S00) Traffic and Transport Engineering, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 4. S01551 Fundamentals of air transport. (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01522 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academic Studies 6. S01525 Railway Lines and Stations (S00) Traffic and Transport Engineering, Master Academ Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic Engineering, Doctoral Academic Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic Engineering, Doctoral Academic Studies 10. SD125 Management of the Processes in Railway Vehicles Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO2							Study pro	gramme name, study type		
Undergraduate Academic Studies 2. \$0323 Railway Transport Technology (\$00) Traffic and Transport Engineering, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (\$20) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 4. \$01551 Fundamentals of air transport. (\$301) Postal Traffic and Transport Engineering, Master Academic Studies 5. \$01532 Rail Transport Safety (\$300) Traffic and Transport Engineering, Master Academ Studies 6. \$01525 Railway Lines and Stations (\$300) Traffic and Transport Engineering, Master Academ Studies 7. \$0M22 PROJECT MANAGEMENT (\$00) Traffic and Transport Engineering, Master Academ Studies 8. \$0M4 Modelling of Traffic and Transport (\$00) Traffic and Transport Engineering, Master Academ Studies 9. \$D125 Management of the Processes in Railway Vehicles (\$00) Traffic and Transport Engineering, Master Academ Studies 10. \$D125 Management of the Processes in Railway Vehicles (\$00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (\$00) Traffic Engineering, Doctoral Academic Studies 13. <td>1.</td> <td colspan="3">S015A Knowledge of Goods in Transport 1</td> <td>ods in Transport 1</td> <td></td> <td>Academic</td> <td>Studies</td>	1.	S015A Knowledge of Goods in Transport 1			ods in Transport 1		Academic	Studies		
2. S0323 Railway Transport Technology Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 4. S01551 Fundamentals of air transport. (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01532 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academic Studies 6. S01525 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academic Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academic Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic and Transport Engineering, Master Academic Studies 9. SD125 Experimental Research in the Mechanics of Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 10. SD120 Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2				-						
(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 3. URZP36 Risks in Manipulating Hazardous Substances (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies 4. S01551 Fundamentals of air transport. (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies 5. S01532 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academ Studies 6. S0152S Railway Lines and Stations (S00) Traffic and Transport Engineering, Master Academ Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic Engineering, Doctoral Academic Studies 9. SD126 Exploitation and Maintenance (S00) Traffic Engineering, Doctoral Academic Studies 10. SD126 Exploitation and Maintenance (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2 Logistic systems (S00) Traffic Engineering,	2.	S0323	Railwa	y Transpor	t Technology		Academic	Studies		
3. DR2F30 Risks in Wainpluiating read/addus substances Undergraduate Academic Studies 4. \$01551 Fundamentals of air transport. (S01) Postal Traffic and Treacommunications, Undergraduate Academic Studies 5. \$01532 Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academ Studies 6. \$01525 Railway Lines and Stations (S00) Traffic and Transport Engineering, Master Academ Studies 7. \$0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. \$0M4 Modelling of Traffic and Transport (S00) Traffic and Transport Engineering, Master Academ Studies 9. \$D125 Management of the Processes in Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 10. \$D126 Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 12. DSS01 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSS02 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSS06 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 15. DSS06 Rail Transport Logist										
4. S0153 Fundamentals of all transport. Undergraduate Academic Studies 5. S0153Ž Rail Transport Safety (S00) Traffic and Transport Engineering, Master Academ Studies 6. S015ŽS Railway Lines and Stations (S00) Traffic and Transport Engineering, Master Academ Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic and Transport Engineering, Master Academ Studies 9. SD125 Management of the Processes in Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 10. SD126 Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 12. DSS01 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSS02 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSS05 Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSS06 Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSS06 Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies <td>3.</td> <td colspan="3">URZP36 Risks in Manipulating Hazardous Substan</td> <td>ting Hazardous Substance</td> <td>es</td> <td>Undergrad</td> <td>uate Academic Studies</td>	3.	URZP36 Risks in Manipulating Hazardous Substan			ting Hazardous Substance	es	Undergrad	uate Academic Studies		
3. S0/32 Rain Trainsport Salety Studies 6. S015ŽS Rainway Lines and Stations (S00) Traffic and Transport Engineering, Master Academ Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic and Transport Engineering, Master Academ Studies 9. SD125 Kanagement of the Processes in Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 10. SD126 Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 11. DSS13 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies <td>4.</td> <td>S01551</td> <td>Funda</td> <td>mentals of</td> <td>air transport.</td> <td></td> <td colspan="3"></td>	4.	S01551	Funda	mentals of	air transport.					
0. S0023 Raiway Lines and Stations Studies 7. S0M22 PROJECT MANAGEMENT (S00) Traffic and Transport Engineering, Master Academ Studies 8. S0M4 Modelling of Traffic and Transport (S00) Traffic and Transport Engineering, Master Academ Studies 9. SD125 Management of the Processes in Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 10. SD126 Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO5 Optimization Methods and Technology Capacity in Rail (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 2. Dorde Kopić, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 Porde Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 Tepić J., Tanackov I., Stojić	5.	S0I53Ž	Rail Tr	ansport Sa	fety		Studies			
7. Studies 8. SOM4 Modelling of Traffic and Transport Studies 9. SDI25 Management of the Processes in Railway Vehicles Exploitation and Maintenance (S00) Traffic Engineering, Doctoral Academic Studies 10. SDI26 Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO5 Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 16. Drafe Kopić, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 Eprid J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 16. J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method usin	6.	S0I5ŽS	Railwa	y Lines and	d Stations			fic and Transport Engineering, Master Academic		
0. Studies Studies Studies 9. SDI25 Management of the Processes in Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 10. SDI26 Experimental Research in the Mechanics of Railway Vehicles (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO5 Optimization Methods and Technology Capacity in Rail (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 2. Dorde Kopić, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 (S00) Traffic Engineering, Doctoral Academic Studies 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkvic, M. Djurendic; Application of GC/MS method using 4. SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc.	7.	S0M22	PROJ	ECT MANA	GEMENT		(S00) Traffic and Transport Engineering, Master Academ Studies			
9. SDI25 Exploitation and Maintenance (S00) Traffic Engineering, Doctoral Academic Studies 10. SDI26 Experimental Research in the Mechanics of Railway (S00) Traffic Engineering, Doctoral Academic Studies 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSS01 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSS02 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSS05 Optimization Methods and Technology Capacity in Rail (S00) Traffic Engineering, Doctoral Academic Studies 15. DSS06 Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Mirko Vlahović, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. 5. Tepi	8.	S0M4		0	•		(S00) Traffic and Transport Engineering, Master Academic Studies			
10. SD128 Vehicle Movement 11. 11. DSSL3 Warehause and storage (S00) Traffic Engineering, Doctoral Academic Studies 12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO5 Optimization Methods and Technology Capacity in Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 14. Director (S00) Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 14. Director (S00) Representative refferences (minimum 5, not more than 10) 1 11. Mirko Vlahović, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 2 2. Dorde Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov	9.	SDI25	Exploit	tation and M	laintenance		(S00) Traffic Engineering, Doctoral Academic Studies			
12. DSSO1 Selected Chapters of Railway Safety (S00) Traffic Engineering, Doctoral Academic Studies 13. DSSO2 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO5 Optimization Methods and Technology Capacity in Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Mirko Vlahović, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 2. Đorđe Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 4. J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chem 64 (1), pp. 52-60. 2006. 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6.<	\vdash					r Railway				
13. DSSO2 Logistic systems (S00) Traffic Engineering, Doctoral Academic Studies 14. DSSO5 Optimization Methods and Technology Capacity in Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 16. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies 17. Mirko Vlahović, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 2. Đorđe Kopić, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 2. Đorđe Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 4. J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalu					8		1			
14. DSSO5 Optimization Methods and Technology Capacity in Rail Transport (S00) Traffic Engineering, Doctoral Academic Studies 15. DSSO6 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Mirko Vlahović, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 2. Đorđe Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 7. Vesković S., Dorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defe Detection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111					s of Railway Safety					
 14. DSS05 Transport 15. DSS06 Rail Transport Logistics (S00) Traffic Engineering, Doctoral Academic Studies Representative refferences (minimum 5, not more than 10) 1. Mirko Vlahović, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 2. Đorđe Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 7. Vesković S., Dorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	13.	DSSO2	<u> </u>	,	ada and Technology C	opity in D-II	<u> </u>			
 Representative refferences (minimum 5, not more than 10) 1. Mirko Vlahović, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 2. Đorđe Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 7. Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Deference of Detection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	14.	DSSO5			lous and Technology Cap	acity in Rail	(S00) Traf	fic Engineering, Doctoral Academic Studies		
 Mirko Vlahović, Ilija Tanackov; Poznavanje robe u transportu, IP Vaša knjiga, Bijelo Polje, 2005 Dorđe Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Deferection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	15.	DSSO6	Rail Tr	ansport Lo	gistics		(S00) Traf	fic Engineering, Doctoral Academic Studies		
 2. Đorđe Kopić, Ilija Tanackov; Zbirka rešenih zadataka iz tehnologije železničkog saobraćaja, FTN Izdavaštvo, Novi Sad, 2004 3. Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 7. Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defedence of Detection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	Rep	oresentative	reffere	nces (minin	num 5, not more than 10)					
 Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defedence on METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	1.	Mirko Vla	hović, Il	ija Tanacko	ov; Poznavanje robe u trar	nsportu, IP Vaš	a knjiga, Bij	elo Polje, 2005		
 Tepić J., Tanackov I., Stojić G., Sremac S.: Poznavanje robe u transportu 2, Novi Sad, Fakultet tehnickih nauka, 2012 J. Pejin, O. Grujic, S. Markov, S. Kocic-Tanackov, I. Tanackov, D. Cvetkovic, M. Djurendic; Application of GC/MS method using SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defedence on METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	2.	Đorđe Ko	pić, Ilija	Tanackov;	Zbirka rešenih zadataka i	iz tehnologije ž	elezničkog	saobraćaja, FTN Izdavaštvo, Novi Sad, 2004		
 4. SPE columns for quantitative determination of diacetyl and 2,3-pentanedione during beer fermentation, J. Am. Soc. Brew.Chen 64 (1), pp. 52-60. 2006. 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 7. Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defedence on METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	3.	Tepić J.,	Tanack	ov I., Stojić	G., Sremac S.: Poznavar	nje robe u trans	sportu 2, No	vi Sad, Fakultet tehnickih nauka, 2012		
 5. Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011, Vol. 18, No 3, ISSN 1330-3651 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 7. Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defe Detection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	4.									
 6. Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular System Design for Plastic Euro Pallets, Metalurgija, 20 Vol. 51, No 4, ISSN 0543-5846, UDK: 621.824:621.886.6:621.887=111 7. Vesković S., Đorđević Ž., Stojić G., Tepić J., Tanackov I.: Necessity and Effects of Dynamic Systems for Raailway Wheel Defe Detection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111 	5.	5 Tepić J., Tanackov I., Stojić G.: Ancient Logistic - Historical Timeline and Etimology, Tehnički vjesnik/Technical Gazette, 2011,								
^{7.} Detection, METALURGIJA, 2012, Vol. 51, No 2, UDK: 621.824:621.886.6:621.887=111	6.	Tepić J.,	Todić V	., Tanackov	I., Lukić D., Stojić G., Sre			Design for Plastic Euro Pallets, Metalurgija, 2012,		
	7.	Vesković	S., Đor	đević Ž., St	ojić G., Tepić J., Tanackov	v I.: Necessity	and Effects			
	8.									

c	TAS STUR		UNIVERSITY OF NO	VI SAD		NUKNX H.		
WE	NOI OR	FACULTY OF TECHNICAL SCI	STATE					
NO. 20		Study F	Programme Accreditation					
`O	PLANTEN	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	e Hou		
Re	presentative re	efferences (minimum 5, not more th	an 10)					
9.	Dimanoski Promet - Tr	K., Stojić G., Vesković S., Tanackov affic	I.: Model for Dimen	sioning Technolog	gy and Capacity of Border R	ailway Stations,		
10.		., Tepić J., Kostelac M.: The Golde 19, No 4, pp. 641-647, ISSN 1330-3				chnical Gazette,		
Su	mmary data fo	r teacher's scientific or art and profe	essional activity:					
Quo	tation total :		12					
Tota	al of SCI(SSCI)	list papers :	10					
Curi	ent projects :		Domestic :	2	International :	0		



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nam	e and last n	ame:			Tepić Đ. Jova	an		
	emic title:				Associate Pro			
		itution v	vhere the te	eacher works full time and	E 11 (T		nces - Novi Sad	
	ng date:				01.05.2006			
Scier	ntific or art f	ield:			Transport Sy	stem Techno	ologies	
Acad	emic cariee	er	Year	Institution			Field	
Acad	emic title el	ection:	2011	Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies	
PhD	PhD thesis 2006 Faculty of Technical S			Faculty of Technical Sci	ences - Novi S	ad	Transport System Technologies	
Magi	Magister thesis 2005 Faculty of Technical S				ences - Novi S	ad	Transport System Technologies	
Bach	Bachelor's thesis 1984 Faculty of Mechanical Architecture - Zagreb				ngineering and	l Naval	Machine Constructions, Transport Systems and Logistics	
List c	f courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	ogramme name, study type	
_	0040	O a a da				(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
1.	S019	Goods	s transport i	ogistics properties			tal Traffic and Telecommunications, uate Academic Studies	
2.	S0323	Railwa	av Transpor	t Technology		Academic		
۷.	00020	Tanwa		(i connoiogy			tal Traffic and Telecommunications, uate Academic Studies	
3.	S0I5N2	Urban	-Suburban	Rail Transport of Passeng	jers	(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
4.	S0I5N3	Mainte	enance and	availability of means of tra	ansport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
5.	S017Ž	Towing	g vehicles a	and trains		(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
6.	S11110	Engine	eering analy	/sis			tal Traffic and Telecommunications, luate Academic Studies	
7.	S0152Ž	Techn	ology of Ra	ilway Stations		(S00) Traffic and Transport Engineering, Master Academ Studies		
8.	S0153Ž	Rail Tr	ransport Sa	fety		(S00) Traffic and Transport Engineering, Master Academi Studies		
9.	S0I5ŽS		ay Lines and			(S00) Traf Studies	ffic and Transport Engineering, Master Academic	
10.	SDI25	Exploit	tation and M	ne Processes in Railway V Maintenance		(S00) Traf	ffic Engineering, Doctoral Academic Studies	
11.	SDI26		mental Res <u>e Movemer</u>	earch in the Mechanics o It	f Railway	(S00) Traf	ffic Engineering, Doctoral Academic Studies	
12.	DSSO1			s of Railway Safety		(S00) Traf	ffic Engineering, Doctoral Academic Studies	
13.	DSSO5	Optimi Transp		nods and Technology Cap	acity in Rail	(S00) Traf	ffic Engineering, Doctoral Academic Studies	
14.	DSSO6		ransport Lo	gistics		(S00) Traf	ffic Engineering, Doctoral Academic Studies	
				num 5, not more than 10)		<u> </u>		
1.		Tepić: I	straživanje	. ,	kih vozila na vi	rednost otpo	ora od krivine, Monografska publikacija, FTN Novi	
2.		<u> </u>		la, Udžbenik, ISBN 978-86	6-7892-086-8,	FTN Izdavaš	štvo, Novi Sad, 2007. godine	
3.							6-7892-091-2, 2008. godine	
4.							, 6	
- . 5.	Jovan Te	pić: Ana	aliza stalnih		eđenih metodo	m graviticion	nog kretanja, Tehnika, Beograd, 2008,	
6.	Jovan Te	pić, Mila	an Kostelac		al method by o	determinatio	n of rail vehicles constant resistance,	
7.	Tepić, J.,	Kostela	ac, M.: Prim	jena gravitacijske metode	kod određivan	ija stalnih ot	pora tračničkih vozila, Predavanje po pozivu, ki fakultet, Slavonski Brod, 2009.	
\vdash				-			Conference on Tribology, SERBIATRIB 09, May	
8.				rbia, str. 324 - 329, ISBN			Contenence on Theology, SERDIATRID 09, May	

4	TAS STUR		UNIVERSITY OF NO	NUKNX M						
ALL BOR		FACULTY OF TECHNICAL SCI	STATE							
Study			Programme A	Accreditat	ion	COL				
·0	LANTEN	UNDERGRADUATE ACADEMIC	STUDIES	DIES Traffic and Transport Engineering						
Representative refferences (minimum 5, not more than 10)										
9.		ostelac M., Methodology for determ of Croatian Society of Mechanich, S								
10.		ostelac M., Analysis of resistance for n on Advances in Experimental Mec								
Su	mmary data fo	or teacher's scientific or art and profe	essional activity:							
Quot	tation total :		7							
Tota	l of SCI(SSCI)) list papers :	14							
Curr	ent projects :		Domestic :	2	International :	0				



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name	e and last n	ame.				Uzelac D. Đo	rđe		
	emic title:					Full Professor			
		itution v	where the te	acher works full tim	e and	Faculty of Teo	chnical Scie	nces - Novi Sad	
	ng date:				c and	01.10.1999			
Scien	tific or art f	eld:				Traffic Paths			
Acad	emic cariee	r	Year	Institution				Field	
Acad	emic title el	ection:	2004	Faculty of Technic	al Sci	ences - Novi Sa	ad	Traffic Paths	
PhD 1	thesis		2000	Faculty of Civil En	gineer	ring - Beograd		Traffic Paths	
Magis	ster thesis		1987	Faculty of Civil En	gineer	ring - Beograd		Traffic Paths	
Bach	elor's thesis	3	1974	Faculty of Civil En	gineer	ring - Beograd		Traffic Paths	
List o	f courses b	eing he	ld by the tea	acher in the accredit	ted stu	udy programme	s		
	ID	Course	e name				Study pro	gramme name, study type	
1.	GG20	G20 Road and Traffic Networks					(G00) Civi	I Engineering, Undergraduate A	cademic Studies
2.	GP401	Inform	ation Syster	m Aided Structure M	/lanag	ement	(G00) Civil	Engineering, Undergraduate Ac	ademic Studies
3.	GP402	Road S	Structures				(G00) Civil	Engineering, Undergraduate Ac	ademic Studies
4.	GP403	Select	ed Chapters	s in Road Design			(G00) Civil	Engineering, Undergraduate Ac	ademic Studies
5.	S0326	Roads	and Junctio	ons			(S00) Traffic and Transport Engineering, Undergraduat Academic Studies		
6.	GP502	Bridge	Manageme	ent			(G00) Civil	Engineering, Master Academic	Studies
Rep	resentative	reffere	nces (minim	um 5, not more tha	n 10)				
1.	Formiranj	e relaci	one baze p	odataka pomoću INI	FORM	1IX-SQL RDBM	IS, IMS Insti	tut, Beograd, 1992. (181 strana)	
2.	Teza: "Ra	azvoj op	timalnog sis	stema za formiranje	baze	podataka o mr	eži puteva",	Građevinski fakultet, Beograd, 1	993.
3.	Toplotni r	ežim i n	ijegov uticaj	na mehaničko pona	ašanje	e materijala u ko	olovoznoj ko	onstrukciji	
4.				podataka o mostov oktobar 2003	rima, L	Jputstvo za rad	. Fakultet te	hničkih nauka, Novi Sad i Direko	cija za puteve
5.	National a	and 3RE	D Internation	Buildings maintenan nal scientific meeting emy, Novi Sad, Nove	g ""INI	DIS 2003"", Pro	ceedings, L	ample of bridges on national roa Jniversity of Novi Sad in coopera	d network. 9TH ation with
6.								anog informacionog sistema o pu ara Jugoslavije, Beograd, novem	
7.			nar - Upravl ut", mart 19		temi u	pravljanja, pog	lavlje II: Info	rmacioni sistem za puteve (strar	ne 32 - 55 (strane
8.	"Temi II -	Gradjer	nje i održava		79-596	6), Marakeš, Ma		puteve, Jugoslovenski nacionali embar 1991. Đorđe Uzelac je au	
9.	Metode z	a obrad	u podataka	izmerenih deflektog	grafom	n "Lacroix", "Pu	t i saobraćaj	j", 7-8/1980, (str. 37-43), Beogra	d
10.	Problem Beograd	utvrdjiva	anja stanja k	kolovoznih konstrukk	cija i n	ijihovog prilago	djavanja sao	obraćaju, "Put i saobraćaj", 3-4/1	985 (str. 10-15),
Sun	nmary data	for teac	her's scient	ific or art and profes	ssiona	l activity:			
Quota	ation total :				0				
Total	of SCI(SSC	CI) list p	apers :		0				
Curre	ent projects	:			Dome	estic :	1	International :	0



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Vladić M. Jovan			
	emic title:				Full Professo			
Nam	e of the inst	itution v	where the te	eacher works full time and	Faculty of Tee	chnical Scie	nces - Novi Sad	
	ng date:				12.11.1975			
Scier	ntific or art f	ield:	_		Machine Con	structions, T	Fransport Systems and Logistics	
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title el	ection:	1999	Faculty of Technical Sci	ences - Novi Sa	ad	Machine Constructions, Transport Systems and Logistics	
PhD	thesis		1989	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanical Engineering	
Magi	ster thesis		1982	Faculty of Technical Sci	ences - Novi Sa	ad	Mechanical Engineering	
Bachelor's thesis 1974 Faculty of Technical S					ences - Novi Sa	ad	Mechanical Engineering	
List c	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	s		
	ID	Course	e name			Study pro	ogramme name, study type	
						(M20) Me	chanization and Construction Engineering,	
1	M207A	Comp	uter-Aided I	Design			luate Academic Studies	
1.	M207A	Compt	ilei-Alded i	Jesign			chnical Mechanics and Technical Design, luate Academic Studies	
2.	M2402	Contin	uous and A	utomated Transport			chanization and Construction Engineering, luate Academic Studies	
3.	M2610	Graph	ic Commun	ications and CAD		(H00) Med	chatronics, Undergraduate Academic Studies	
							chanization and Construction Engineering,	
4.	M312A	Funda	mentals of	Transportation Machines		-	uate Academic Studies	
							chnical Mechanics and Technical Design, luate Academic Studies	
_	N/040A						chanization and Construction Engineering,	
5.	M313A	CAD/C	CAE Course	;			uate Academic Studies	
6.	S0218	Reload	d Logistics			(S00) Traf Academic	ffic and Transport Engineering, Undergraduate Studies	
7.	S1218		d Logistics			(S01) Pos Undergrad	tal Traffic and Telecommunications, luate Academic Studies	
8.	ZR407A	Occup		ety in internal transport, re	loading and (Z01) Safety at Work, Undergraduate Academic Studio			
9.	H2504			d Manipulation Systems		(H00) Med	chatronics, Master Academic Studies	
10.	M2503			is and Devices		· · /	chanization and Construction Engineering, Master	
11.	M2509A	Autom	ated Machi	ne Designing		(M22) Mechanization and Construction Engineering, Mas Academic Studies		
12.	M2532	Packa	ging Machi	nes			chanization and Construction Engineering, Master	
13.	LIM12	Transp	oort Technie	que and Material Flow			istic Engineering and Management, Master	
14.	LIM13	Packa	ging Techn	iques and Packaging			istic Engineering and Management, Master	
15.	LIM24	Urban	Logistics				istic Engineering and Management, Master	
16.	H797	Mecha	tronics in n	nechanization - advanced	topics	(H00) Med	chatronics, Master Academic Studies	
17.	DM213			ethods of Designing and N	lachine	(M00) Me	chanical Engineering, Doctoral Academic Studies	
18.	DM331	Constr Select Machir	ed Chapter	s in Transport and Constru	uction	(M00) Me	chanical Engineering, Doctoral Academic Studies	
19.	DM410	Selected Chapters in Food Processing Mac			hines and	(M00) Me	chanical Engineering, Doctoral Academic Studies	
20.	DOM20	Engine	ering Anal	ysis Methods		(M00) Me	chanical Engineering, Doctoral Academic Studies	
21.	DOM23	Produc	ct Developr	nent		(M00) Me	chanical Engineering, Doctoral Academic Studies	
22.	DOM25	Conter	mporary Pr	ocedures for Mobile Mach	ine Designing	(M00) Me	chanical Engineering, Doctoral Academic Studies	
Ren	oresentative	reffere	nces (minin	num 5, not more than 10)				
Ţ			•	. ,	a and simulation	ns of elevat	or dynamic behaviour, Tehnički vjesnik/Technical	
1.	Gazette,	2011, V	ol. 18, No 3	3, pp. 423-434, ISSN 1330	-3651, UDK: 6	2(05)=163.4	12=111	



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Re	presentative refferences (minimum 5, not more th	an 10)		Representative refferences (minimum 5, not more than 10)										
2.	Vladić J., Malešev P., Šostakov R., Brkljač N.: Mechanical Engineering, 2008, No 10, pp. 655			lechanisms, Strojniski vestn	ik = Journal of									
3.	Vladić J., Đokić R., Živanić D.: Simulations an i dizajnu – KOD, Balatonfured: Faculty of Tech													
4.	Đokić R., Vladić J., Živanić D.: Design and bas oblikovanju i dizajnu – KOD, Palić: Fakultet teh													
5.	Vladić J., Đokić R.: Modeling and dynamic analysis as basis for elevators design, 6. Simpozijum o konstruisanju, oblikovanju i dizajnu – KOD, Palić: Fakultet tehničkih nauka, 29-30 Septembar, 2010, pp. 193-198, ISBN 978-86-7892-278-7													
6.	Vladić J., Živanić D., Đokić R., Gajić A.: Analysis and Choice of Prefabricated Industrial Halls Elements , 19. International conference on MATERIAL HANDLING, CONSTRUCTIONS AND LOGISTICS, Beograd: Mašinski fakultet Beograd, 15-16 Oktobar, 2009, pp. 257-260, ISBN 978-86-7083-672-3													
7.	Vladić J., Gajić A., Đokić R., Živanić D.: Choic Conference "Heavy Machinery" - HM, Kraljevo 978-86-82631-45-3													
8.	Vladić J., Živanić D., Đokić R., Gajić A.: Analy Systems, 6. International Conference "Heavy N 2008, pp. 69-72, ISBN 978-86-82631-45-3													
9.	Vladić J., Đokić R.: Dynamic behaviour of elev Novi Sad: FTN Novi Sad, 25-26 April, 2006, pp		processes in their	r driving systems, 2. Power	Transmissions,									
10.	Vladić, J.: Računske i eksperimentalne metode	e za statičku i dinamičł	ku analizu žičara,	monografija, 1991., FTN N	ovi Sad									
Su	mmary data for teacher's scientific or art and profe	essional activity:												
	tation total :	0												
Tota	I of SCI(SSCI) list papers :	2		i										
Curr	ent projects :	Domestic :	0	International :	0									



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nom	and loot n			-		T Milioo		
	e and last n emic title:	ante:			Vučinić-Vasić Assistant Pro			
				and a second second second			nces - Novi Sad	
	e of the inst ng date:	itution v	vnere the te	eacher works full time and	15.04.2000		nces - Novi Sau	
	tific or art f	ield:			Physics			
Acad	emic cariee	er	Year	Institution		Field		
Acad	emic title el	ection:	2007	Faculty of Technical Sci	ences - Novi S	ad	Physics	
PhD	thesis		2007	Faculty of Sciences - No	ovi Sad		Physics	
Magister thesis 2000 Faculty of Sciences - N			Faculty of Sciences - No	ovi Sad		Physics		
Bach	Bachelor's thesis 1996 Faculty of Sciences - N			Faculty of Sciences - No	ovi Sad		Physics	
List o	f courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es		
	ID	Course	e name			Study pro	gramme name, study type	
1.	F102	Physic	S			(F00) Gra Academic	phic Engineering and Design, Undergraduate Studies	
2.	GG06	Civil E	ngineering	Physics		(G00) Civi	I Engineering, Undergraduate Academic Studies	
3.	S014	Physic				Academic		
0.	0014	Thyoic					tal Traffic and Telecommunications, uate Academic Studies	
							ver, Electronic and Telecommunication g, Specialised Academic Studies	
	570450					(112) Industrial Engineering, Specialised Academic S		
4.	DZ01FS	Select	ed Chapter	s in Physics		(I22) Engi Studies	neering Management, Specialised Academic	
						(Z00) Env Studies	ironmental Engineering, Specialised Academic	
							ver, Electronic and Telecommunication g, Doctoral Academic Studies	
						(E20) Con Academic	nputing and Control Engineering, Doctoral Studies	
						(F00) Gra Studies	phic Engineering and Design, Doctoral Academic	
						(G00) Civi	I Engineering, Doctoral Academic Studies	
						· /	desy and Geomatics, Doctoral Academic Studies	
						· /	chatronics, Doctoral Academic Studies	
5.	DZ01F	Select	ed Chapter	s in Physics		(I20) Indus Doctoral A	strial Engineering / Engineering Management, cademic Studies	
							chanical Engineering, Doctoral Academic Studies	
							chnical Mechanics, Doctoral Academic Studies	
						(OM1) Ma Studies	thematics in Engineering, Doctoral Academic	
						l , ,	fic Engineering, Doctoral Academic Studies	
						(Z00) Env Studies	ironmental Engineering, Doctoral Academic	
						(Z01) Safe	ety at Work, Doctoral Academic Studies	
Rep	resentative	reffere	nces (minin	num 5, not more than 10)				
1.	1. Milica Vučinić-Vasić, Divko Ćirić, Tatjana Škrbić, Miroljub Đurić, Zbirka zadataka iz fizike, FTN Izdavaštvo, Novi Sad 2005.							
2.	2. Ljuba Budinski-Petković, Milica Vučinić, Dušan Ilić, Praktikum eksperimentalnih vežbi iz fizike – odsek za računarstvo i automatiku, S PRINT, Novi Sad, 2003							
3.				ica Vučinić-Vasić, Dušan dsek za mehatroniku, Delt			talnih vežbi iz fizike – odsek za mašinstvo – odsek	
4.				-Bias and Grain-Surface F ry C, 2012, Vol. 116, pp. 4			red NiO/Ni Induced by a Particle Size Reduction, 7	

4	TAS STUD		UNIVERSITY OF NO	VI SAD		WHENX H
A	NO REAL	FACULTY OF TECHNICAL SC	ENCES 21000 NOVI	SAD, TRG DOSIT	EJA OBRADOVIĆA 6	STATE -
D'IL		Study F	Programme A	ccreditatio	on	Con Con
.01	PLANTER	UNDERGRADUATE ACADEMIC	STUDIES	Traffic ar	nd Transport Engineering	HO
Rep	presentative r	efferences (minimum 5, not more th	an 10)			
5.	term snow	sić M., Mihailović A., Kozmidis-Lubu cover near urban crossroads: Corre 36, pp. 585-592				
6.	Relaxations	A., Jančar B., Ristić M., Vučinić-V i in Nanostructured NiO/Ni Induced ISSN 1932-7447				
7.	Compositio	emenović A., Vučinić-Vasić M., Doł n related properties of (Yb,Y)(2)O-3 nemistry and physics, 2010, Vol. 12	anoparticles synthe	sized by controlle	d thermal degradation of A	
8.	photolumin	ogan J., Kremenović A., Nikoloć A., escence of Y2O3:Eu and Gd2O3:E HNOLOGY, 2010, Vol. 21, No 24, p	u phosphors synthesiz	ed by thermolysis		
9.	nanocrysta	učinić-Vasić M., Kremenović A., Ant line LiZn0.5Ti1.5O4 spinel and thei s, 2009, No 2-3, pp. 542-549, ISSN	mally induced order-d			
10.	acetylaceto	sić M., Antić B., Blanuša J., Rakić S nato complexes and their crystal st 32, No 1, pp. 49-54, ISSN 0947-839	ructure, microstructure			
	,	r teacher's scientific or art and prof	, I			
	tation total :		53			
	I of SCI(SSCI)	list papers :	17 D			
Curre	ent projects :		Domestic :	2	International :	1



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name and last name:					Vukajlov D. Ljiljana			
Academic title:					Assistant Professor			
Name of the institution where the teacher works full time and								
starting date:					28.02.2007			
Scientific or art field:					Architectural-Urbanistic Planning, Design and Theory			
Academic carieer Year Institution							Field	
			2010	Faculty of Technical Sciences - Novi Sad		ad	Architectural-Urbanistic Planning, Design and Theory	
PhD thesis 2010 Fac			2010	Faculty of Technical Sciences - Novi Sad		ad	Architectural-Urbanistic Planning, Design and Theory	
Magister thesis			1998	Faculty of Architecture -	of Architecture - Beograd		Architectural-Urbanistic Planning, Design and Theory	
Bachelor's thesis			1987	Faculty of Architecture - Beograd			Architectural-Urbanistic Planning, Design and Theory	
List o	of courses b	eing he	ld by the te	acher in the accredited stu	udy programme	es		
	ID Course name			Study programme name, study type				
1.	A205	Urban	, Rural Ana	lysis and Morphology 1		(A00) Architecture, Undergraduate Academic Studies		
2.	A241	Urban/	Rural Anal	ysis and Morphology 2		(A00) Architecture, Undergraduate Academic Studies		
3.	S0110A					(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
5.	SUTION	Urban Planning 2				(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
4.	URZP21	Risk Management and Sustainable Settlement Development				(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies		
5.	A007S	Razvoj tipologije arhitektonskih objekata - odabrana poglavlja				(A00) Architecture, Specialised Academic Studies		
6.	A008S					(A00) Architecture, Specialised Academic Studies		
7.	RPR011	Tourism as Regional Development Perspective				(RPR) Regional Development Planning and Management, Master Academic Studies		
8.	GS004					(G10) Energy Efficiency in Buildings, Specialised Academic Studies		
9.	A118S	Contemporrary technologies applied to architecture and urbanism (A00) Architecture, Specialised Academic Studies						
10.	A118SA	Kulturno nasleđe kao arbitektonski i urbanistički kontekst (400) Architektore. Orosistički dostavaja Otodisa					nitecture, Specialised Academic Studies	
11.	AT07D Principles of Universal Design 2 (AH0) Architecture, Master Academic Studies						nitecture, Master Academic Studies	
Rep	oresentative	reffere	nces (minin	num 5, not more than 10)				
 Vukajlov, Lj.: Historical Review of the Interdependence of Settlements and Urban and Rural Blocks, Facta Universitatis, Series Architecture and Civil Engineering Vol. 7. No. 2, 2009. pp.121- 133 DOI: 10.2298/FUACE090212IV UDC 711.43+711.43(091)(045) 								
2.	Vukajlov, Lj.: "Organizacija urbanog i ruralnog bloka u funkciji obezbeđenja privatnosti stanovanja", Zbornik radova, međunarodni naučnostručni skup "Arhitektura i urbanizam, Građevinarstvo, Geodezija – Juče, Danas, Sutra", Arhitektonsko - građevinski fakultet, Banja Luka, 2011. str. 423-434							
3.	Vukajlov, Lj.: Geometry of Urban and Rural Block Bases in the Towns of Vojvodina and Surrounding Regions, XXV International Conference of Geometry and Graphics moNGeometrija 2010, Belgrade 24-27 June 2010.							
4.	Vukajlov, Lj.: "Stručno obrazovanje kao preduslov pristupačne izgradnje", Nacionalna debata "Pristupačnost - preduslov socijalne uključenosti osoba sa invaliditetom i drugih osetljivih grupa, Beograd, 03. 10. 2012.							
5.	Vukajlov Lj., Dorić M.: Uticaj urbanog bloka na kvalitet javnog prostora: Unapređenje strategije obnove i korišćenja javnih prostora u prostornom i urbanističkom planiranju i projektovanju, u: Kurtović-Folić, N., Novi Sad, Fakultet tehničkih nauka, Departman za arhitekturu i urbanizam, 2011, str. 193-218, ISBN 978-86-7892-254-1 COBISS.SR-ID 262615815							
6.	*****Autori: Vukajlov, L. Naziv: Kritička analiza serije urbanih uzoraka i tema Naziv skupa: Agenda 21 unapređenje održivog razvoja							
7.	Vukajlov, Lj.: Mogućnost prevencije saobraćajnih nezgoda na putevima urbanističkim i prostornim planiranjem, Prevencija saobraćajnih nezgoda na putevima 96, Novi Sad, 13. i 14. septembar 1996. godine, str. 444 - 450. 614.86.084(082), 656.1/.5.05(082) UDK:711.4							
8.	Vukajlov, Lj.: Organizacija urbanih sadržaja u funkciji povećanja bezbednosti saobraćaja, Zbornik radova IV simpozijuma sa međunarodnim učešćem "Prevencija saobraćajnih nezgoda na putevima '98", Novi Sad, 15. i 16.oktobar 1998., str. 429 433. UDK:614.862							

SITAS STUDIO UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering Representative refferences (minimum 5, not more than 10) *****Autori: Vukajlov, L. Naziv: Doprinos urbanizma i prostornog planiranja u sprečavanju saobraćajnih nezgoda na putevima 9 Naziv skupa: Strategija sprečavanja saobraćajnih nezgoda na putevima 10 Uloga urbanog i ruralnog bloka u formiranju strukture i identiteta naselja u Vojvodini Summary data for teacher's scientific or art and professional activity: Quotation total : 0 Total of SCI(SSCI) list papers : 0 Domestic : 2 International : 0 Current projects :



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Name	e and last n	ame:			Žigić M. Miod	drag			
					Assistant Pro				
						chnical Sciences - Novi Sad			
starting date: 01.10.2007									
						echanics			
Academic carieer Year Institution						Field			
Academic title election: 2012 Faculty of Technical Scien					ences - Novi S	nces - Novi Sad Mechanics			
PhD thesis 2012 Faculty of Technical Science					ences - Novi S	ces - Novi Sad Mechanics			
Magi	ster thesis		2008	Faculty of Technical Science	ences - Novi S	ces - Novi Sad Mechanics			
Bachelor's thesis 2004 Faculty of Technical Science				Faculty of Technical Science	ences - Novi S	ces - Novi Sad Mechanics			
List of courses being held by the teacher in the accredited study programmes									
	ID	Course	e name	e Study programme name, study type					
1.	GG15	Strength of Materials				(G00) Civil Engineering, Undergraduate Academic Studies			
2.	GG410	Select	ed Chapter	s in the Theory of Elasticit	у	(G00) Civil Engineering, Undergraduate Academic Studies			
3.	H112	Mechanics 1 – Fundamentals				(H00) Mechatronics, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies			
4.	H201	Mecha	inics 2 - Ge	neral		(H00) Mechatronics, Undergraduate Academic Studies			
5.	H202	Streng	th of mater	als		(H00) Mec	chatronics, Undergraduate Academic Studies		
6.	H303	Mecha	tronics 3 –	Further Chapters		, ,	chatronics, Undergraduate Academic Studies		
7.	M204	Streng	th of Mater	als		 (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies 			
8.	M4302	Biomechanics and mechanics of sport				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
9.	M4306	Similarity and dimensional methods				(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
10.	BMI128	Continuum Biomechanics				(BM0) Biomedical Engineering, Undergraduate Academic Studies			
11.	II1004	Mechanics and Industrial Engineering				(110) Industrial Engineering, Undergraduate Academic Studies			
12.	M44061	Optimi	zation of m	echanical systems		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies			
13.	M4504	Thermal Elasticity				(M40) Technical Mechanics and Technical Design, Master Academic Studies			
14.	BMIM4A	Transp	ort phenon	nena and Living systems		(BM0) Biomedical Engineering, Master Academic Studies			
15.	M45991	Biome	chanics of o	cardiovascular system		(M40) Technical Mechanics and Technical Design, Master Academic Studies			
16.	SZD051	Applications of optimal control theory in living environment protection			ng	(Z00) Environmental Engineering, Specialised Academic Studies			
17.	DM801	Biomedical mechanics			(M40) Technical Mechanics, Doctoral Academic Studies				
18.	DTM02	Theory	/ of impact			 (H00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studie (M40) Technical Mechanics, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies 			
19.	DTM03	Biome	Biomechanical models and analysis of impact			(M40) Tec	hnical Mechanics, Doctoral Academic Studies		
20.	ZRD16A	Select	ed chapters	in mechanics and elastic	ity theory	(Z01) Safety at Work, Doctoral Academic Studies			
Representative refferences (minimum 5, not more than 10)									
1. N. M. Grahovac, M. M. Zigic: Modelling of the hamstring musle group by use of fractional derivatives, Computers and Mathematics with applications, Vol. 59, Issue 5 (2010), 1695-1700.									



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

3	LANTER	UNDERGRADUATE ACADEMIC S	STUDIES	Traffic a	nd Transport Engineering	- No			
Representative refferences (minimum 5, not more than 10)									
2.	N. Grahovac., M. Žigić, D. Spasić, On impact scripts with both fractional and dry friction type of dissipation, International Journal of Bifurcation and Chaos, Vol. 22, No 4 (2012), 1250076 (10 pages).								
3.	N. M. Grahovac, M. M. Zigić, and D. T. Spasić: On multiple impacts with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 173- 180, UDK: 531/534(082), ISBN 978-86-909973-0-5.								
4.	M. M. Žigić, N. M. Grahovac and D. T. Spasić: A simplified earthquake dynamics of a column like structure with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 165- 172, UDK: 531/534(082), ISBN 978-86-909973-0-5.								
5.	5. Grahovac N., Žigić M: Fractional derivative viscoelastic model of the hamstring muscle group, 3rd IFAC Workshop on Fractional Differentiation and its Applications, Ankara, Turkey: 05-07 november, 2008.								
6.	M. M. Zigic, Viscoelastic response of the human hamstring muscle during a ramp-and-hold type of experiment, 2nd International Congress of Serbian Society of Mechanics, Palic: Serbian Society of Mechanics, 01-05 June, 2009, str. 165-173, UDK: 531/534(082), ISBN 978-86-7892-173-5.								
7.	Grahovac N., Žigić M., Spasić D.: On impact scripts with both fractional and dry friction type of dissipation, 4. IFAC Workshop on Fractional Differentiation and Its Applications, Badajoz, 18-20 Oktobar, 2010								
8.	Žigić M., Grahovac N.: Dynamical behavior of a polymer gel during impact. Fractional derivative viscoelastic model, 3. International Congress of Serbian Society of Mechanics, Vlasinsko jezero, 5-8 Jul, 2011, pp. 871-878, ISBN 978-86-909973-3-6, UDK: 531/534(082)								
9.	9. Bačlić B., Žigić M., Phase spaces of rheonomic energy-like conservation laws, 25th Yugoslav Congress on Theoretical and Applied Mechanics, 1-3 June, 2005.								
10.	 Kovinčić N., Žigić M., Grahovac N., Spasić D.: On Impact in Biomechanical Systems, International scientific conference on mechanics, 6. International Scientific Conference on Mechanics - Sixth Polyakhov's Reading, Saint Petersburg, 31-3 Januar, 2012, pp. 251-251, ISBN 978-5-91563-101-3 								
Su	Summary data for teacher's scientific or art and professional activity:								
Quo	tation total :		5						
Tota	I of SCI(SSCI) list papers :	2		1	-			
Curr	ent projects :		Domestic :	1	International :	0			



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Traffic and Transport Engineering

Nor	Name and last name: Župunski Ž. Ivan							
-	e and last n emic title:	ane:			Zupunski Z. Ivan Full Professor			
		titution	where the to	acher works full time and	Full Professor Faculty of Technical Sciences - Novi Sad			
-	ng date:			acher works full time and	14.10.1974			
	ntific or art f	ield:			Electrical Measurements			
	emic cariee		Year	Institution	Field			
					ences - Novi Sad		Electrical Measurements	
				Faculty of Technical Sciences - Novi Sad Faculty of Technical Sciences - Novi Sad			Electrical Measurements	
	ster thesis		1981	Faculty of Technical Sciences - Novi Sad			Automatic Control and System Engineering	
Bachelor's thesis 1973 Faculty of Technical Scie					, , , , , , , , , , , , , , , , , , , ,			
				acher in the accredited stu		, , , , , , , , , , , , , , , , , , , ,		
		0	,		<u>,,,,,</u>			
	ID	Course	e name			Study programme name, study type		
		Electrical Measurements					fic and Transport Engineering, Undergraduate	
1.	E130					Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
	E1204	Electri	ool Measure	amanta		(E10) Power, Electronic and Telecommunication		
2.	E130A	LIECTL	cal Measur	ements		Èngineerin	g, Undergraduate Academic Studies	
3.	E140	Measu	iring in Elec	ctronics		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering,		
4.	E142	Measuring Instruments				Undergraduate Academic Studies		
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
5.	EI408	Projec	t Managem	ent		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
6.	EIEEM	Electri	cal and ele	ctronic measurements		(BM0) Biomedical Engineering, Undergraduate Academic Studies		
7.	EIEEMI	Electri	cal and ele	ctronic measurements in i	ndustry	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies		
						(MR0) Measurement and Control Engineering,		
8.	EIMNV	Measu	Measurements of non-electrical quantities			U U	uate Academic Studies	
						(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
9.	DE204S	Selected topics in metrology				(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies		
10.	SI023	Measurement and processing of the results				(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies		
11.	SI039	Metrology				(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies		
		Engineering communication, logistics and intell		ntellectual		asurement and Control Engineering, Master		
12.	EIIKL	property				(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
13.	EIORM	Measurement and Data Processing				(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
14.	DE204	(E10) Power Electronic and Telecom					ver, Electronic and Telecommunication	
Rep	oresentative	e refferei	nces (minin	num 5, not more than 10)				
1.	S Avramov I Župunski: "An AC Comparator for Audio Frequency Waveforms" IEEE Trans Instrum Meas, vol. IM-40, pp. 373-							
2.	I. Župunski, L. Holiček, V. Vujičić, S. Milovančev: "Power Factor Calibrator", IEEE Trans. Instrum. Meas., vol. IM-46, No.2, pp. 408-411, Apr. 1997.							
3.	 V. Vujičić, I. Župunski, S. Milovančev: "Predetermination of the Quantization Error in Digital Measurement Systems, IEEE Trans. Instrum. Meas., vol. IM-46, No.2, pp. 439-441, Apr. 1997. 							
4.	V. Vujičić, S. Milovančev, M. Pešaljević, D. Peijć, I. Župunski: "Low Frequency Stochastic True RMS Instrument", IEEE Trans							
ווסמעות. אוסמט, יסו. ווידיס, ויס.ב, אף. דסרידוס, קוו. 1999.								

SITAS STUD UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Traffic and Transport Engineering Representative refferences (minimum 5, not more than 10) M. Pešaljević, I. Župunski: "Komparacija električnih mernih etalon-uređaja", Savezni zavod za mere i dragocene metale, naučna 5 knjiga, 339 strana, Beograd, 1981. I. Župunski, P. Miljanić: "AC Power Calibrator with a Precision Digital Wattmeter in Feedback Loop", IEEE Trans. Instrum. Meas., 6 vol IM-36, pp.354-356, June 1987. I. Župunski, P. Miljanić: "AC Power Calibrator with a Precision Digital Wattmeter in the Feedback Loop", Conference on Precision 7 Electromagnetic Measurements CPEM "86, CPEM"86 Digest, Editor: Ronald F. Dziuba, pp. 23-24, Gaithersburg, 1986. S. Avramov, I. Župunski: "One AC Comparator", Conference on Precision Electromagnetic Measurements CPEM "90, CPEM"90 8 Digest, Editor: Gary R. Hanes, pp. 74-75, Ottawa, 1990. S. Milovančev, V. Vujičić, V. Katić, I. Župunski: "An Intelligent Multichannel Converter of AC Electrical Power and/or Voltage and 9 Current RMS Values", Proceedings of IEEE International Symposium on Industrial Electronics ISSIE "95, pp. 138-142, Athens, Greece, 1995. V. Vujičić, I. Župunski, S. Milovančev: "General Method for Quantization Error Predetermination in Digital Measurement System", Conference on Precision Electromagnetic Measurements CPEM "96, CPEM"96 Digest, pp.49-50, Editor: Andreas Braun, 10 Braunschweig, Jun. 1996 Summary data for teacher's scientific or art and professional activity: Quotation total 11 Total of SCI(SSCI) list papers : 10 Domestic : 2 International : 0 Current projects



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6

Study Programme Accreditation

Traffic and Transport Engineering



Standard 10. Organizational and Material Resources

UNDERGRADUATE ACADEMIC STUDIES

To perform a study programme, the adequate human, spatial, technical and technological, library and other resources suitable to the study programme features and predicted students` number are to be provided. Teaching at the study programme Traffic and Transport is performed in 2 shifts so each student is provided with a minimum of 2 m2 of space.

Lectures are held in amphitheatres, classrooms and specialized laboratories. The library possesses more than 100 library units relevant for the performance of the study programme in Traffic and Transport. All courses from the study programme have adequate textbooks, devices and supplementary equipment available on time and in a satisfactory number for the normal teaching process. There is also adequate information support.

Faculty has the library and the study room and provides a seat for each student in amphitheatres, classrooms and laboratories.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Study Programme Accreditation

Standard 11. Quality Control

Traffic and Transport Engineering

The quality control of the study programme is performed regularly and systematically through selfevaluation and external quality control. One should place an emphasis on the multi-decade practice of students' surveys.

The quality control process is conducted through:

-end of the term students survey for each course

-survey of the graduating students at the graduation regarding the quality of the study programme and the logistic support. In addition, the conditions for studying (classroom tidiness and neatness, etc...) are also evaluated.

-survey of the students at the end of the school year. At this point the students evaluate logistics support.

-survey of the student when enrolling a new school year. Here the students evaluate the study program at the year which they have previously completed.

-survey of the teaching and non-teaching staff on the quality of the study programme and its logistic support. Here the work of the Dean's office, registrar's office, library, and other services at the Faculty is evaluated. In addition, the conditions for studying (classroom tidiness and neatness, etc...) are also evaluated.

To monitor the quality of the study programme, there is also a committee with all heads of all Departments participating in the realization of the study programme, together with a student from each study group.



FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6



Traffic and Transport Engineering

Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Standard 12. Distance Education

Distance learning is not provided for.